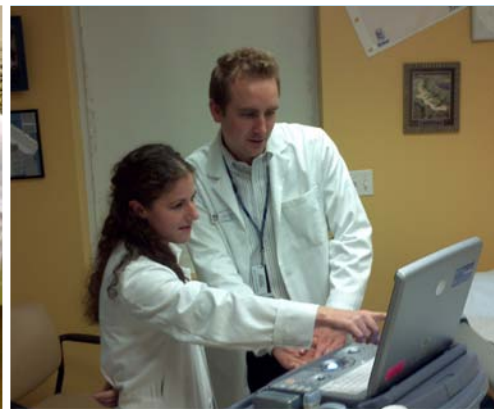


Department of Family Medicine and Community Health

ANNUAL REPORT

— 2010-2011 —



University of
Massachusetts
UMASS Medical School



UMassMemorial
Health Care

Below: A highlight of the past year was the medical school's implementation of "learning communities," placing students from each class in one of five vertically integrated "Houses" supported by a series of mentors from eight clinical departments. Family Medicine faculty chosen as mentors, pictured to the left of their student mentees at White Coat ceremonies conducted during the year, include (1-r) Michael Ennis, Phillip Fournier, Lori Dilorenzo and Lisa Gussak (photos by John Gillooly)



On the cover: This year's cover is dedicated to our new learners who joined us in the summer of 2011.

Top row left: Geriatric Fellows Elizabeth Howard, MD and Bhavani Peddagovindu, MD; **Top row center:** Worcester Family Medicine Interns (rear, 1-r): Monica Agarwal, MD; Amanda Vitko, MD; Sara Rodenas-Martinez, DO; Christopher Chang, MD; Navid Roder, MD; Lauren Davidson, MD; Tassy Hayden, MD; Marcy Boucher, MD; (front, 1-r): Jemini Abraham, MD; Seney Louidor-Paulynice, MD; Serena Hon, MD; Bronwyn Sing, DO; and New Primary Psychology Fellow Caitlin Burditt, PhD **Top row right:** Sports Medicine Fellows Chad Beattie, MD and Jennifer Schwartz, MD

Bottom row left: Fitchburg Family Medicine Interns (1-r): Nicholas Hernandez, MD; Stephanie Muriglan, MD; Ryan Montoya, MD; Jennifer Lin, DO; Samantha Richards, DO; Luisa Hiendlmayr, MD; **Bottom row right:** Preventive Medicine Residents Laurent Benedetti, MD and Pamela Guggina, MD



Above: Warren Ferguson receives the Chancellor's Award for Advancing Institutional Excellence in Diversity, awarded by Chancellor Michael Collins (photo by Rob Carlin) **Middle:** Lucy Candib (second from the right) and colleagues from the Family Health Center of Worcester are pictured after she was awarded the 2011 University of Massachusetts President's Award for Public Service (photo by Rob Carlin) **Right:** Erik Garcia, Medical Director for Worcester's Homeless Outreach and Advocacy Project, as he is informing Donald Berwick (Administrator, Centers for Medicare and Medicaid Services (CMS)) about the success of the UMass Quality Scholars project at the annual national Health Care for the Homeless conference in Washington, DC.

Introduction

In February, we conducted a faculty survey to measure how we function as a Department. While we learned about areas that need improvement, I was particularly gratified by the response to *“What is the most satisfying aspect of being a member of the Department?”* Overwhelmingly, the faculty highlighted their high regard for their colleagues and their opportunities for collaboration. They were articulate about their shared passion for Family Medicine and for making an impact on communities. They reinforced the importance of working within a mission-driven organization that focuses on *“work that matters.”* One faculty member, rating of the overall climate and culture of the Department, wrote: *“I am where I want and need to be.”*

I am so fortunate to work with such an energetic and talented faculty dedicated to a common vision.

This Annual Report summarizes our accomplishments from October, 2010 through September 2011. In that year:

- Several of our practices initiated major Patient Centered Medical Home initiatives;
- Research funding levels grew to the highest levels in the history of the Department;
- We had terrific recruitment results in all of our residencies and Fellowships, and 14% of our medical school graduates matched into Family Medicine residencies;
- The medical school launched its new curriculum, designed and implemented with significant leadership from our faculty;
- We introduced new initiatives in global health and palliative care, and expanded our training positions in Family Medicine, Integrated Primary Care and Geriatrics;
- Our Integrated Primary Care Psychology programs were elevated to Center status by the University; and
- Our faculty were accorded national recognition, capped by President Obama’s naming of Chyke Doubeni as one of the country’s rising scientists with a Presidential Early Career Award for Scientists and Engineers, to be presented next week in Washington, DC.

Work toward health reform continues in earnest. While it’s frustrating to make significant change in an environment still dominated by fee-for-service, the path to the future is clear, and we’re moving toward it with increasing momentum. Our faculty continue to work hard to find new ways to deliver care, to train the next generation to provide the care, to assess the effectiveness and quality of the work, and to disseminate their work.

The Report is intended to give credit. Its primary use is as a catalog – if you want to find out who is working on a particular problem, this is a place to start. Its primary source is our *“Monday Memo,”* which depends on weekly contributions from the community. Thanks to all who send us notices, and once again: If you don’t tell us about your work, we can’t give you the credit you deserve.

There are always inevitable results of attempting to be complete – the document contains some redundancies, and we always inadvertently leave someone out. Special thanks go to Melissa McLaughlin, whose work on the 2012 Report will start the morning after the annual dinner meeting, and to Judy Savageau, who tracks so many events and catalogs them on the Department’s web site, a second major source of material for the Report.

Thanks also to the UMass Medical School Office of Communications. Throughout the year, they have highlighted the accomplishments of several of our faculty. See if you can find the pieces highlighting Sandy Blount, Jean Sullivan, Chyke Doubeni and Hugh Silk between the sections.

Daniel Lasser, MD, MPH
October 4, 2011

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**Department of Family Medicine and Community Health
University of Massachusetts Medical School
UMass Memorial Health Care
Worcester, Massachusetts**

**Annual Report
October 2011**

Education

The Department's overarching goal in education is *to be a leading resource for meeting the primary care and public health workforce needs of the Commonwealth of Massachusetts*, with two overriding objectives:

- *To train clinically competent, patient-centered, and community-responsive clinicians and public health professionals to provide quality health care services to diverse populations*
- *To base our training programs in clinical and community settings that reflect the health care needs of the Commonwealth, with emphasis on training for shortage area practice*

Vice Chair Robert Baldor provides oversight for education.

Pre-doctoral Medical Education

After many years of service as the Department's third year clerkship Director, Frank Domino was appointed Director for Predoctoral Education in Family Medicine. Karen Rayla serves as Administrative Director for Pre-doctoral Education.

The Department provides a broad selection of programs providing students with a firm grounding in the principles of Family Medicine and of Community Health, and fostering student interest in pursuing Family Medicine as a career. Programs include innovative curricula related to serving underserved populations. A strong faculty, solid tradition of faculty development for community-based preceptors, and a robust and talented network of clinical faculty based in physician offices, Federally Qualified Health Centers, public health departments, and other sites from the Berkshires to Martha's Vineyard result in curricular offerings that are repeatedly rated among the best by UMass medical students.

Curriculum reform: Department faculty are involved at all levels of the medical school's curriculum, which is undergoing a complete revision. Introduced with the entering class in July, 2010, the "Learner-Centered Integrated Curriculum (LInC)" replaces two years of basic sciences followed by two years of clinical sciences with a more integrated and competency-based approach. The revision, which is still underway, has taken several years of development, directed by the school's Educational Policy Committee, chaired by Dr. Baldor. Because of the four years required to implement the curriculum, first year courses in 2011 were new, while the upper classes were based on the earlier design.

A key component of curriculum reform is the advent of "Learning Communities" which stratify the student body into smaller communities of learners across all four years, providing them with more intensive mentoring than in the past. The Learning Communities concept was championed by Assistant Dean for Advising Mike Ennis, who was subsequently asked to co-lead the program with David Hatem (Department of Internal Medicine). Mike was appointed Head of House for Blackstone House, and Phil Fournier was appointed as Head of House for Kelly House.

Within each of the five Learning Communities, the Head of House and three additional faculty from eight clinical Departments were chosen through a competitive process to serve as Mentors, each working with 25 students across the four years. In addition to Mike Ennis and Phil Fournier, Department faculty chosen for this role included Lori DiLorenzo and Lisa Gussak. The Mentors will provide academic, career, personal and professional advice, and will teach clinical problem solving and physical diagnosis. In July, the Mentors assembled for the first time for a faculty development retreat.

UMass Graduates Match into Family Medicine Residencies

In March, 14% of the UMass Medical School Class of 2011 matched with Family Medicine residencies, including:

Cari Benbasset-Miller	University of Illinois COM
Marcy Boucher	UMass/Barre Family Health Center
Jennifer DePiero	Maine Medical Center
Aimee Falardeau	University of Colorado School of Medicine, Denver
John Lawrence	University of Connecticut Health Center, Farmington
Bency Loudior	UMass/Hahnemann Family Health Center
Michael Messina	Dartmouth
Shereen Mohiuddin	Boston University Medical Center
Ryan Montoya	UMass/Community Health Connections Family Health Center, Fitchburg
Charlotte Moriarty	Michigan State University, Kalamazoo
Ejiroghene Onos	Naval Hospital, Jacksonville, FL
Rachel Rosenberg	Beth Israel Medical Center, New York, NY

Third Year Clerkship in Family Medicine

The Third Year Clerkship is the Department's flagship course. Students spend four days each week in their preceptors' offices, and the fifth day in seminar at the medical school. A key feature is a nationally-recognized curriculum that assigns students responsibility for caring for the McQ family, a three-generation family that goes through a series of major transitions within their lives within the six weeks of the Clerkship. Frank Domino and Mary Lindholm served as Clerkship Director and Assistant Director; in July, Mary was promoted to the Directorship.

The dedication of our community preceptors and a strong central curriculum combine to produce one of the highest ranked courses in the medical school's clinical years. Clerkship preceptors and sites (listings include individuals taking primary responsibility for each student evaluation; we also thank their partners, associates, etc.) during the 2010-2011 academic year included:

- Janet Abrahamian; Holden
- Kate Atkinson; Amherst
- Gary Asher; Leominster
- Christopher Bechara; Lancaster
- Nancy Berley; Worcester
- Michael Burdulis; Shrewsbury
- Arabinda Chatterjee; North Grosvenordale, CT
- Beth Coates; Worthington
- Michael Dern; Brockton
- Stephen Earls and faculty at the Barre Family Health Center, Barre
- Mike Ennis and faculty at the Hahnemann Family Health Center, Worcester
- Sunita Godiwala; Holden
- David Hackett; Waltham
- David Havlin; Winchendon Health Center, Winchendon
- Theodor Herwig; Brewster
- Michael Kaplan; Lee
- Clara Keegan; Westford
- William Kober; North Adams
- Stephen Lane; Scituate
- Kiame Mahaniah and faculty at the Greater Lawrence Family Health Center, Lawrence
- Jeanne Mase; East Falmouth
- George Maxted and faculty at the Family Health Center of Worcester
- Beth Mazyck and faculty at Community Health Connections Family Health Center, Fitchburg
- Gina D'Ottavio and associates; Great Brook Valley Health Center, Worcester
- Dan Nguyen; Chelmsford Family Practice, Chelmsford
- Keith Nobil; Swampscott
- Michael Reyes and faculty at UMass Family Medicine Services, Benedict Building
- Dominick Roto; Putnam, CT
- Pierre Rouzier and Associates; UMass Amherst
- Stanley Sagov; Arlington

- Greg Seiler; Brockton
- Elizabeth Siraco, Whitinsville
- Stephen Smith; Holden
- Audrey Tracey, Fitchburg

In addition to the faculty who served as preceptors, several faculty contributed to the clerkship every Monday:

- Small group leaders included: Marie Caggiano, Frank Domino, Kim Houde, Tracy Kedian, Clara Keegan, Mary Lindholm and Mike Reyes.
- Presenters included Dan Lasser and Bob Baldor (Family Medicine), Stacy Potts and David Gilchrist (Preventive Medicine), Frank Domino, Len Levin and Judy Nordberg (Evidence-based Medicine) and Kim Houde (Standardized Patient OSCEs)
- Sports Medicine Fellows Bradley Bley and Gabriel Lurvey facilitated the Sports Medicine Hands-On Workshop for the clerkship.

Family Medicine Interest Groups

A Family Medicine Interest Group for approximately fifty first- and second-year medical students was led by second year students Rachel Cannon, Alyssa Finn, Jarred McAteer, Michelle McCreary and Matthew Zanghi. Kosta Deligiannidis served as the Group's faculty advisor. Programs included luncheon and evening programs led by family physicians and residents:

- Dan Lasser, Bob Baldor, Stacy Potts and Mary Lindholm joined first and second year students for a welcome luncheon discussion describing the opportunities of Family Medicine in early October.
- A February, 2011 meeting with the Internal Medicine and Generalist Interest Groups featured a presentation by Dr. Mier Stampher, who spoke about his work related to the beneficial and detrimental effects of alcohol in diet
- An April, 2011 meeting with the OB/GYN Interest Group featured a "Catching Babies" panel, which included faculty Tracy Kedian and Anita Kostecki, along with Deb Papa and Karen Green, (OB/GYN).
- An April, 2011 meeting with the Med-Peds, and Internal Medicine Interest Groups featured a post-match panel of fourth year students discussing their decisions for residency training
- An April, 2011 workshop sponsored by faculty from the Hahnemann Family Health Center featured four "hands-on" stations, including casting, joint injection, IUD placement, and phlebotomy.

Frank Domino and Bob Baldor served as faculty advisors to the Senior FMIG (3rd and 4th year students). Approximately fifteen students participated throughout the year. The Senior FMIG held several dinner group sessions which focused on residency selection, including *Strolling through the Match*, *Writing Your Personal Statement* and *Choosing Family Medicine as a Specialty*, and also hosted a post match party.

Student Advising

As the new Learning Communities are being introduced, many students in the third- and fourth-years remained in the older student advising system. Department faculty who served as advisors included:

- Jeffrey Baxter
- James Broadhurst (2)
- Lucy Candib
- Linda Clark
- Jackie Coghlin-Strom
- Gina D'Ottavio (2)
- Konstantinos Deligiannidis
- Joseph DiFranza
- Lori DiLorenzo
- Dennis Dimitri
- Leah Doret
- Anna Doubeni
- Michael Ennis (18)
- Elizabeth Erban
- Phil Fournier (13)
- Erik Garcia
- Gerry Gleich
- Jeremy Golding
- Lisa Harrington-Carter
- Pablo Hernandez
- Jay Himmelstein
- Tracy Kedian
- Anita Kostecki
- Christine McHugh-Purinton
- Daniel O'Donnell (2)
- Michele Pici
- Valerie Pietry
- Stacy Potts
- Michele Pugnaire (3)
- Alexandra Schultes
- Sara Shields
- Hugh Silk (3)
- John Stevenson

Doctoring Clinical Skills I and Patient, Physicians & Society II

In the new curriculum, the Doctoring Clinical Skills 1 (DCS 1) course is the first year course replacing the former Patient Physician and Society Course 1 (PPS 1) course. The new course includes weekly small group sessions, Physical Diagnosis

(PD1), and the Longitudinal Preceptor Program (LPP), placing students within clinical settings two half-days each month. Phillip Fournier serves as the course director for the PD1 and LPP components.

DCS 1 integrates many elements of the curriculum, including medical interviewing, clinical problem solving, ethics, and physical diagnosis. The LPP program is a way students can apply and reinforce these skills in a clinical practice setting. The small group component includes weekly meetings of groups of 12-13 students. Department faculty co-leading small groups included:

- DCS I: James Broadhurst, Alan Chuman, Marjorie Clay, Macario Corpuz, Jeremy Golding, Kim Houde, Susan Pasquale, Daniel Mullin, Mary Lindholm

2010-11 was the final year for the second year PPS II course, which also focused on the integration of interviewing, problem solving, physical diagnosis, epidemiology, and ethics utilizing small group sessions and the clinically-based LPP. Faculty co-leading small groups included:

- PPS II: Pamela Grimaldi, Rebecca Lubelczyk, Kathy Mariani, Michele Pugnaire and Barry Saver

The first six weeks of PPS-II was dedicated to Epidemiology and Biostatistics, providing students with a core set of concepts and skills required to critically evaluate the medical literature. Through lectures and small group workshops, students gain skills in assessing study designs, bias and cause, biostatistics and learn to apply these to solve epidemiologic problems and interpret research studies reported in medical journals. Judy Savageau served as Course Director, with the assistance of Roger Luckmann, Barry Saver, Michael Kneeland, William Shaw and Santosh Verma.

Determinants of Health and the Population Health Clerkship

Curriculum reform led to the development of a new second year course to be implemented in 2012, "The Determinants of Health," with Suzanne Cashman serving as co-Director with Jeroan Allison (Department of Quantitative Health Sciences Department). Determinants of Health will include a focus on epidemiology, as well as a transformation of the Department's first-year Community Health Clerkship into a new second-year Population Health Clerkship, under the leadership of Mick Godkin.

Plans for the new clerkship were developed by an inter-professional steering committee consisting of Mick Godkin, Suzanne Cashman, Heather-Lyn Haley, Janet Hale (Graduate School of Nursing) and Linda Cragin. The 10-day immersion clerkship experience, based on a service-learning pedagogy, will occur in October of the second year for medical students, joined by nursing students. In addition, in the first year the curriculum includes formal presentations, first-year student matches into groups, a data gathering workshop, and a group meeting in the spring. The steering committee worked to develop new placement options and faculty group leaders, resulting in a 50% increase in the number of small group topics. Heather-Lyn Haley developed web-based clerkship materials and resources for academic and community faculty as well as students.

Faculty members who are leading or co-leading groups are listed below with their group's topic (Department faculty in bold):

- Jeroan Allison and **Heidi Holland**: LGBT Health, Homophobia and Heterosexism
- **Nicholas Apostoleris**, Stacey Auger and Kathryn Bettencourt: ACTION Health for the Underserved of North County
- **Robert Baldor** and **Alix Bonardi**: Adults with Intellectual Disabilities
- **Robert Baldor** and Gail Sawosik: Caring for Children with Autism
- **Linda Long-Bellil**, Monika Mitra and **Darlene O'Connor**: Living with Disabilities
- **Joanne Calista** and Christine McCluskey: End of Life Care
- **Lisa Carter** and **Heather-Lyn Haley**: Worcester's Faces and Places
- **Suzanne Cashman**, Sheilah Dooley, Michael Rezkalla and Alyson Porter: Parenting and Family Stability
- **Suzanne Cashman**, Patricia Moore, Prit Gill, Nancy Langman, Roger Wey: Elder Behavioral Health Services, Martha's Vineyard
- **Matilde Castiel**: Advocacy for the Underserved; Emphasis on Latino Men with Addiction
- Rachel Coleman, Jessica Davidson and Valerie Zolezzi-Wyndham: Housing Deprivation; Impact on Children and Families

- **Linda Cragin**, Sarah McGee, Kathleen Miller and Theresa Eckstrom: Elders in Worcester: Fall Risk Assessment and Prevention
- **Kosta Deligiannidis**, **Cynthia Jeremiah**, and Gail Murphy: Adolescent Obesity in Rural Settings
- Ken Freedman, **Helene Murphy** and Salah Alrakawi: Urban Working Poor and Incarcerated
- Janet Hale, Judy Jones and **Tom Groblewski**: Correctional Health
- **Erik Garcia**, Joyce Landers, Jane Whelan Banks, Annie Parkinson: Health Care for the Homeless
- **Mick Godkin**: Refugee and Immigrant Health
- **Lisa Gussak**, Toni McGuire and Jean McMurray: Food Insecurity
- **Martha Henry** and **Michael McManus**: Adoption and Foster Care
- Michael Hirsh, Mariann Manno, Carol Carpenter, Esther Borer and Allison Rook Burr: Pediatric Injury Prevention
- **David Keller** and Mathieu Bermingham, Emily Sherwood, Lisa Lambert: Children's Mental Health
- Michael Loberg, Michael Jacobs and **Suzanne Cashman**: Tick-borne Illness; Effects of Treatment and Public Education, Martha's Vineyard
- **Hugh Silk** and Robin Klar: Pediatric and Geriatric Oral Health
- **Lisa Morris** and Donna Amaral: Latinos Living with HIV in Southeastern MA
- **Donna Rivera**: Latinos Living with HIV
- **Carole Upshur** and **Lee Hargraves**: Clinical and Translational Research Pathway: Council on Aging
- **Michael Tutty** and **Jay Himmelstein**: Un and Under-insured in the Context of Health Reform

Longitudinal Preceptorship Program

The DSC and PPS courses also includes a Longitudinal Preceptorship Program (LPP), placing first and second year medical students with preceptors two half-days each month. Directed by Phillip Fournier, the LPP provides students a means for learning medical interviewing and clinical problem solving, and offers an opportunity to develop relationships with practicing physicians early in their medical school careers.

Precepting 250 first and second year preclinical students requires a major undertaking for the medical school's clinical faculty, and our Department has taken on a large part of the challenge. Faculty who worked with first or second year students in their offices during the 2010-11 academic year included:

- | | | |
|---|--|--|
| • Janet Abrahamian, Holden | • Matthew Collins, Family Health Center of Worcester | • Liz Erban, Hahnemann Family Health Center, Worcester |
| • Ron Adler, Hahnemann Family Health Center, Worcester | • Macario Corpuz, Barre Family Health Center | • Warren Ferguson, Family Health Center of Worcester |
| • Maria Angeles, UMass Correctional Health, Shirley | • Joseph Daigneault, Community Medical Group, Shrewsbury | • Phillip Fournier, Benedict Family Medicine, Worcester |
| • Fred Baker, Community Medical Group, Holden | • Phillip DeChavez, MCI Framingham | • Ingrid Fuller, Community Medical Group, Shrewsbury |
| • Bob Baldor, Benedict Building, Worcester | • Kostantinos Deligiannidis, Barre Family Health Center | • David Gilchrist, Worcester |
| • Katharine Barnard, Plumley Village | • Malakiba Dey, Community Medical Group, Shrewsbury | • Opal Goff, Blackstone Valley Family Physicians, Westford |
| • Nancy Berube, Worcester | • Joe DiFranza, Benedict Family Medicine, Worcester | • Pamela Grimaldi, Barre Family Health Center |
| • Michael Burdulis, Community Medical Group, Shrewsbury | • Dennis Dimitri, Worcester | • Cynthia Handler, Hopkinton Family Practice |
| • Marie Caggiano, Hahnemann Family Health Center, Worcester | • Frank Domino, Community Medical Group, Worcester | • Allison Hargreaves, Barre Family Health Center |
| • Lucy Candib, Family Health Center of Worcester | • Gina D'Ottavio, Great Brook Valley Health Center | • Tammy Harris, Southboro Medical Group |
| • Neil Cannon, Holden | • Anna Doubeni, Benedict Building, Worcester | • Jennifer Hartman, Family Medicine & Maternity Care, Leominster |
| • Lisa Carter, Family Health Center of Worcester | • Chyke Doubeni, Benedict Building, Worcester | • Pablo Hernandez, South End Community Health Center, Boston |
| • Matilde Castiel, Worcester Housing Authority | • Steve Earls, Barre Family Health Center | |
| • Linda Clark, Family Health Center of Worcester | | |

- Cynthia Jeremiah, Barre Family Health Center
- Margo Kaplan-Gill, Family Health Center of Worcester
- Hana Karim, Family Health Center of Worcester
- Tracy Kedian, Family Health Center of Worcester
- Anna Langman, Fallon Clinic, Leominster
- Roxanne Latimer, Community Medical Group, Shrewsbury
- James Ledwith, Community Health Connections, Fitchburg
- George Lewinnek, Community Health Connections, Fitchburg
- Mary Lindholm, Benedict Family Medicine, Worcester
- Lee Mancini, Worcester
- Stephen Martin, Barre Family Health Center
- Valerie Moreland, Sterling Family Medicine
- Dan O'Donnell, Great Brook Valley Health Center
- Julie Ozaydin, Marlboro Medical Associates
- Ellen Charmaine Pastrano, Leominster
- Michele Pugnaire, Community Health Connections, Fitchburg
- Rafia Qutab, Rutland Family Health Center, Rutland
- Melissa Rathmell, Family Health Center of Worcester
- Katherine Riggert, Community Health Connections, Fitchburg
- David Rosenfeld, Holden
- Monisha Sarin, Family Health Center of Worcester
- Alexandra Schultes, Barre Family Health Center
- Ted Shoemaker, Family Health Center of Worcester
- Elizabeth Siraco, Whitinsville
- Joseph Stenger, Barre Family Health Center
- John Stevenson, Charles River Medical Associates
- Kathy Sweeney, Community Health Connections, Fitchburg
- Lise Tardif, Family Health Center of Worcester
- Audrey Tracey, Leominster
- John Worden, Mercy Family Practice, Gardner

Interclerkships

In addition to the clinical Clerkships that comprise the third-year curriculum, a series of one-day "Interclerkship" sessions cover a variety of important clinical topics. Department faculty played significant roles in seven interclerkships:

- The **Interclerkship on Domestic Violence** was held on September 29, 2010. Kim Houde presented *Intimate Partner Violence: An Overview*. Small group facilitators included Bob Baldor, James Broadhurst, Laney Bruner-Canhoto, Marjorie Clay, Phil Fournier, Kim Houde, Linda Long-Bellil, Monika Mitra, Michele Pugnaire and Mark Quirk.
- The **Interclerkship on Health Policy and the Practice of Medicine** was held on November 5, 2010. Bob Baldor and Jerry Gurwitz served as co-directors of the interclerkship, which was co-sponsored with the Meyers Primary Care Institute. Michael Tutty presented a plenary on *Health Care Policy Issues: The Basics*, followed by presentations on *The Future Direction of the U.S. Health Care System* by Stuart Altman (Solc. Chaikin Professor of National Health Policy, Brandeis University) and *Whither Health Reform?: The Economics and Politics of Obamacare* by Marc Roberts (Professor of Political Economy, Harvard School of Public Health). Small groups discussed ethical practice dilemmas created by payment issues such as high deductibles and Pay for Performance. Department faculty who facilitated small groups included Ron Adler, Jay Broadhurst, Alan Chuman, Kathy Craven, Phil Fournier, Jay Himmelstein, Mick Huppert, David Keller, Beth Mazyck, Michael Reyes and Hugh Silk.
- The January 4, 2010 **Multicultural Interclerkship** was co-led by Warren Ferguson and Mick Godkin. The day included small group narrative interviews of "culture teachers" from Albania, Brazil, Bhutan, Burma, Eritrea, Kenya, Iraq and Puerto Rico, and a workshop on GLBT health care led by Warren Ferguson and Emily Ferrara. Faculty members Mary Lindholm, Linda Clark, Anita Kosteci, Mike Ennis, Heather-Lyn Haley, James Broadhurst, Mary Philbin, David Keller and Mick Godkin served as small group facilitators.
- The April 4, 2011 **Pain Management Interclerkship** was directed by Jeff Baxter. Students worked through a clinical scenario with faculty facilitators in small groups, learning state-of-the-art practice design for assessment and treatment of chronic pain. Small group case studies were presented by James Broadhurst, Heather Mackey-Fowler, Mike Reyes, Linda Clark, Roger Luckmann, Tracy Kedian, Steve Martin and Katharine Barnard. Sports Medicine fellows Gabe Lurvey and Brad Bley along with Katherine Riggert presented a workshop on joint injections. A workshop on acupuncture was co-led by Margo Kaplan-Gill.
- Gerry Gleich co-Directed the March 25, 2011 **Geriatrics Interclerkship** with Sarah McGee (Department of Internal Medicine). He provided an overview, *Demographics and Changes with Aging and Geriatric Syndromes*, and offered a selective, *3D Guide to Confusion in the Elderly*. Additional selectives were presented by Linda Cragin (*There's No Place Like Home: Community Resources*) and Jerry Gurwitz (*Making Medication Use Safer for Older Adults*). Medical

students were joined by geriatric nurse practitioner students for small group sessions at assisted living facilities, with facilitated by Gerry Gleich, Sarah McGee, Mary Ellen Keough and Sheila Trugman.

- Hugh Silk presented *Oral Implications for Overall Health* at the April 5, 2011 **Interclerkship on Oral Health**. Small groups focused on adult oral exam, pediatric oral exam/prevention, urgent oral care, geriatric oral health, and fluoride varnish. Small group leaders included Hugh Silk, James Broadhurst, Pauline O'Brien (dental hygienist at Fitchburg Community Health Connections), Brandon Cairo (local dentist and instructor in the UMass Dental Residency program), and the Department's dental residents, Krithika Baskuran, Amy Li, and Stacy Temple.
- Linda Long-Bellil co-Directed the June 24, 2011 **Interclerkship on Working with People with Disabilities in the Clinical Setting** with Mai-Lan Rogoff (Dean's office). Jay Himmelstein presented the keynote address, *What Physicians Can Do to Help People with Disabilities Live Full Lives in the Community!*, Robert Baldor led a workshop on *Caring for the Adult Patient with Intellectual Disabilities (Mental Retardation)*, James Broadhurst co-led a workshop on *Physicians and Patients with Spinal Cord Injuries as Partners in Care* and Hugh Silk led a workshop on *The Importance of Oral Health in People with Disabilities*.

Family Medicine Subinternship

The Department provides two Family Medicine sites for the medical school's required fourth-year subinternship. At the Memorial campus, where Lee Mancini directed the subinternship on the Family Medicine inpatient unit, student evaluations were among the highest of any required student clinical rotation. Two tracks were offered, including a track working with Family Medicine residents, and a track based with the Department's Family Medicine Hospitalists, including preceptors Mohammad Alhabbal, Trish Seymour, Saurabh Sharma, Kimberly Eisenstock, Lisa Gussak, and Lee Mancini.

The second subinternship site at the Fitchburg Family Medicine residency at HealthAlliance Hospital in Leominster was supervised by Inpatient Services Director Felix Chang. In addition to their inpatient responsibilities at HealthAlliance, the students participated in one session per week at the residency.

Senior Scholars

The Department offers a number of research opportunities for fourth year medical students, including the University-wide Senior Scholars Program coordinated by Judy Savageau. The Program provides a student a two- to three-month opportunity to participate in depth in a research project. Students who participated in the Program last year included:

- Kevin Baratta (co-mentored with Judy Savageau)
Height and Risk of Various Types of Incident Cancers (a meta-analysis)
- Marcy Boucher (with Hugh Silk, MD)
Improving Prenatal Education in a Family Health Center: A Pilot Study
- Diana Robillard and Laura Spring (with Susan Pasquale and Judy Savageau)
Identifying Characteristics of Small Group Learning Valued by Medical Students and Facilitators
- Rachel Rosenberg (with Jeremy Golding, MD)
Improving Delivery of Evidence-based Prenatal Care in a Family Medicine Clinic
- Michael Messina (with Ron Adler, MD)
Diabetes Collaborative: A Patient-Centered Medical Home Model

Areas of Special Emphasis

Pathway on Serving the Underserved and Multicultural Populations

The Pathway, directed by Mick Godkin, integrates international experiences in countries reflective of foreign-born residents in Massachusetts with domestic immersion experiences (including community health centers, assignment to an immigrant family, and community service) to help students develop cultural and language skills and an ethic of service and advocacy. Twenty-two students in the Class of 2014 were selected as new participants, bringing the total to 90 students over all 4 years. The Dean's Office, the Office of Undergraduate Medical Education, the Alumni Fund and the Department of Family Medicine and Community Health all funded travel stipends

Of the 12 graduating students entering Family Medicine residencies this year, 5 were Pathway students.

International Medical Education Programs

The Department supports an extensive International Medical Education Program, directed by Mick Godkin and co-sponsored with the Office of Undergraduate Medical Education. In the past year, it provided clinical, language and research electives abroad for 36 clinical years' students and 27 first year students. Details about this program, as well as details regarding the new global health track in the Family Medicine residency programs, can be found in the Community Health Section of this report (page 31).

A grant from Rotary International allowed Mick Godkin to take a team of three UMass Emergency Medicine trainers to join three trainers from Mexico, for five days of train-the-trainer BLS and ACLS instruction in Leon, Nicaragua on April 7-12. The program is a collaboration between the American Heart Association (AHA) in Puerto Rico, the Autonomous University of Nicaragua (UNAN), UMass Medical School and the Rotary Clubs of Westborough and Leon. Twenty Nicaraguan physicians and one UNAN medical student received training. Pictures of the training can be found at: http://gemini-ems.org/Nicaragua/April_2011/Nic_train/Nic_11.html

Foundations of Global Health Course

Under the direction of Anna Doubeni, and with assistance from the MassAHEC Network, the Department's Family Medicine residencies established a new track devoted to Global Health. As a part of the track, a new course, Foundations in Global Health, was initiated, and was opened to medical students, Family Medicine and Preventive Medicine residents, and nurse practitioners. Topics included introduction to global health, maternal health, health beliefs and working cross-culturally, HIV/TB/malaria, child health, refugee health, international research, mental health, oral health, social determinants of health, comparative analysis of health care systems, introduction to basic research, and health economics.

Faculty included Abigail Rattin (Greater Lawrence Family Medicine Residency), Wen-Chieh Lin (Commonwealth Medicine) and Stefan Topolski, Lucy Candib, Suzanne Cashman, Richard Sacra, Judith Savageau, and Hugh Silk.

Rural Health Scholars Program

Directed by Suzanne Cashman and Steve Martin, the Department's Rural Health Scholars Program completed its eleventh year with support from the Mass AHEC Network. An Optional Enrichment Elective, the program identifies medical and nursing students early in the course of their education who have an interest in practicing in rural areas or small towns. The program aims to ensure that these students' longitudinal preceptorships, Population Health clerkships, summer jobs, and selected electives can occur in rural communities.

Eight first-year medical and seven nursing students joined the Program in the fall of 2010. The group learned procedural skills frequently needed in rural and small town settings and heard from several rural/small town providers in seminars:

- August, 2010: Suzanne Cashman and Steve Martin – *Introductions and Orientation to Rural Health Scholars*
- September 2010: Patricia Iverson, Robert Knight, Elizabeth Toomajian – *What is it Like to Practice in a Rural/Small Town Community*
- October, 2010: Sam Pickens and Steve Martin – *Suturing*
- November, 2010: Riley Mclean, Dan Mullin, Jennifer Michaels, Steve Martin – *Substance Abuse*
- December, 2010: Matt Taylor and Steve Martin – *Trauma Assessment and Management*
- January, 2011: Cathleen McElligott – *State Office of Rural Health*
- February, 2011: Genevieve Verrastro – *Indian Health Service*
- March, 2011: Gabe Lurvey – *Casting*
- April, 2011: Lori DiLorenzo – *Maternal and Child Health*

The faculty continued to identify new rural preceptors and to develop elective experiences for students and residents, including placements for the new 2011 Population Health clerkship with members of the Dukes County Health Council and elective rotations on Nantucket Island in Family Medicine and on Martha's Vineyard, working with the island community mental health services. In the summer of 2011, with support from the Mass AHEC Network and through the school's summer service-learning assistantship, a rising second-year RHS medical student worked with faculty at the Barre Family Health Center Patient Centered Medical Home initiatives.

Linda Cragin, Steve Martin, Janet Hale, Joseph Stenger and Suzanne Cashman served as a steering committee for the Program. They conducted exit interviews with graduating students, and began to develop an observership program for premedical students. Working closely with the Mass AHEC Network and the state Department of Public Health, the Program is contributing to the development of a rural health workforce database.

Service-Learning

The Summer Service-Learning Assistantship Program offered seventeen second-year students opportunities to work in service projects aimed at meeting the needs of underserved communities throughout Massachusetts. The six-week program, coordinated by Suzanne Cashman and Heather-Lyn Haley, brought the students together periodically to reflect on their experiences. Students kept a journal and completed posters about their work.

The Program provides an avenue for the University to collaborate with non-profit and community-based organizations throughout the Commonwealth, while continuing to provide structured learning experiences for medical students. Community organizations benefit from having skilled students contribute as well as having an influence on future health professionals. Students deepen their understanding of the health problems and needs that underserved populations face as they participate in providing services designed to respond to identified community needs.

Sites included the Edward M. Kennedy Community Health Center, Family Health Center of Worcester, the Ecotarium, the UMass Center for the Advancement of Primary Care, the Brockton Community Health Center, the South End Community Health Center, Dimock Community Health Center, Barre Family Health Center, Pernet Family Services, Greater New Bedford Community Health Center, Spectrum Health Services, and the Boston Area Health Education Center.

UMass Learn and Serve: *Building on the Promise*

Four students were each awarded \$500 Martin Luther King "Semester of Service" student awards to support student-initiated community service projects through the University-wide Learn and Serve: *Building on the Promise* grant from the Corporation for National and Community Service (see Service Learning, page 32 for details):

- *Reducing Trans Fat Through Outreach to Worcester's Diverse Restaurant Owners*: Matthew DeWolf, MS1, Mitch Li, MS2, and Alan Chin, MS1
- *Reading Forward: Career Exploration and Personal Development Through Literature Discussions with North High School students*: Micaela Bayard, MS3, and Matthew Zanghi, MS2
- *Obesity Prevention Curriculum for African Refugee Children*: Toy Lim, GSN GEP2
- *Family Health Night for Refugees from Burma*: Sarah Tracy, MS1, and Nang Maung, GSBS w/Quinsigamond House

Oral Health

Hugh Silk serves as the faculty advisor for the Oral Health Interest Group (OHIG), working with Robin Klar from the Graduate School of Nursing. The Group helps students appreciate the impact of oral health on overall health by increasing awareness of community health issues affecting oral disease. Topic areas include epidemiology, financial burdens, school health programs, oral health issues for developmentally and intellectually disabled patients, barriers to care, and personal stories. It provides hands-on sessions devoted to fluoride application and thorough dental exams.

Hugh Silk and Robin Klar helped second year medical student and OHIG student leader Tim Gleeson organize 2 student events this year. In September 2010 Dr. Silk talked to students about the intersection of oral health and systemic health. In May 2011, Dr. Janice Lalikos shared stories about her work with global health and cleft palate surgery. Additionally a small group of medical and nursing students from OHIG helped out with the Teddy Bear Clinic in May handing out toothbrushes and giving advice about oral health to parents and children.

Graduate and Fellowship Training

The Department's goal in education *to be a leading resource for meeting the primary care and public health workforce needs of the Commonwealth of Massachusetts* is accomplished with two objectives in mind at the graduate and fellowship level:

- *To will train clinically competent, patient-centered, and community-responsive clinicians and public health professionals to provide quality health care services to diverse populations*
- *To base training programs in clinical settings that reflect the health care needs of the Commonwealth, with emphasis on training for shortage area practice*

The Department sponsors two Family Medicine residencies (Worcester and Fitchburg) with four family health centers for office-based training; a Preventive Medicine Residency; Fellowships in Sports Medicine and Geriatrics, and a post-doctoral Fellowship in Clinical Health Psychology in Primary Care.. The Department also maintains an academic affiliation with the Lawrence Family Medicine Residency.

The Family Medicine Residencies: Both Family Medicine residencies have successfully implemented innovations to improve resident recruitment and orientation. A key curriculum enhancement has been July rotations dedicated to orientation and integration of new residents into their Family Health Centers, thorough introductions to rotation sites and their information systems, and hands-on experiences on inpatient services.

Several program features have stood the test of time for over three decades of residency training. Each residency conducts resident Balint Groups, where approaches to difficult doctor-patient interactions are explored. Each program's practice management training comes together in three fall "swings," full day field trips to established practices across the region to highlight various practice arrangements. The value of these programs is attested to by residency graduates many years after graduation.

In February the annual residency retreat was held at Wachusett Village Inn for both programs. The retreat focused on "*Mindfulness: Taking care of yourself in order to care for others.*" Hugh Silk, Suzanna Makowski, and Melissa Blacker of the UMMS Center for Mindfulness in Medicine, Health Care and Society co-facilitated the retreat teaching residents and faculty about mindfulness techniques that can be incorporated into personal practice. Techniques included meditation, mindful yoga, and reflective writing, among others.

The programs had extremely busy recruitment seasons; Associate Director of Residency Admissions Michael Smith served as the liaison between students, applicants and the programs. The hard work was rewarded in March when all positions posted with the National Resident Matching Program were filled.

Worcester Family Medicine Residency

The Worcester Family Medicine Residency was the first graduate training program in Family Practice in Massachusetts. In June, 2011, the program celebrated the graduation of its 35th class of residents.

The program offers three options through the match for Family Health Center training. The Barre Family Health Center provides training in a rural setting, the Family Health Center of Worcester provides training in a federally-qualified Community Health Center, and the Hahnemann Family Health Center provides training in an urban site. In addition to their distinguishing features, all three offer weekly case conferences, end-of-day "chart rounds", heavy exposures to teaching medical students, and a variety of other features that have been developed over three-plus decades.

The residency's centrally-based leadership included:

Director: Stacy Potts
Associate Residency Director: James Broadhurst
Associate Residency Director and Director, Family Medicine Inpatient Service: Allison Hargreaves
Associate Residency Director of Children's Health: David Gilchrist

Associate Residency Director of Women's Health and Director of the Memorial Maternal Child Health Service: Margo Kaplan Gill
Director of Behavioral Science: Alexander Blount
Residency Coordinator: Tamara Cullen
Associate Director of Admissions: Michael Smith
Residency Administrative Assistant: Janice Craig

Virginia VanDuyne (Family Health Center of Worcester), Kylee Eagles (Barre) and Kristin Mallett (Hahnemann) were elected to serve as Worcester Chief Residents for 2011-12 academic year, replacing outgoing Chiefs Chad Beattie (HFHC), Rajiv Balasuriya (FHCW) and Stephanie Carter (Barre).

The residency's annual curriculum retreat introduced new simulation equipment to faculty and residents. Integration of the simulation equipment in a comprehensive program will allow more consistent procedural training during residency while also modeling the behaviors for lifelong learning.

Training in practice management, led by James Broadhurst, included a longitudinal series of workshops, three "swings" (field trips to established practices) in the fall of the third year, and the third year "Community Practice Experience" based at the Family Health Centers. Residents in each health center participated in longitudinal practice management and quality meetings. Dr. Broadhurst also coordinated the surgery and orthopedics rotations for the residency and contributed to teaching in Sports Medicine.

The program in Behavioral Science, led by Alexander Blount, provides a longitudinal curriculum that utilizes dual interviews, workshops and teaching and collaborative patient care in the health centers from Fellows in the Department's post-doctoral Fellowship in Clinical Health Psychology in Primary Care. The Fellows model the importance of integration of primary care psychology in practices. Tina Runyan serves as the Fellowship Director, and provides clinical psychology care at Hahnemann Family Health Center; Daniel Mullin serves as the primary behavioral science faculty at the Barre Family Health Center. The dual interview program is expanding this year, providing a focus on health behavior change dual interviews for patients with diabetes and other chronic conditions.

Hahnemann Family Health Center

The Hahnemann Family Health Center is the program's urban site. Established in 1975 as an outgrowth of a local Family Physician's practice, the practice still includes many of its original patients, as well as a large population from the many close-knit urban neighborhoods that surround the city center, resulting in patient panels that are diverse with respect to age, ethnicity and socioeconomic status.

For several years, the health center has participated in collaborative projects focused on the management of diabetes, hypertension /coronary artery disease, and transitions of care sponsored by the Center for the Advancement of Primary Care (CAPC); features of the chronic care model have been well established in these areas. In 2011, the health center initiated a CAPC-sponsored Patient Centered Medical Home "Deep Dive" project, experimenting with new ways to deliver personal care with an emphasis on population-based care. With the assistance of Stephanie Conway from the Massachusetts College of Pharmacy, Hahnemann developed regular pharmacy rounds on chronic pain, travel and cross-cultural medicine, and topics in the humanities taking place during regular weekly didactic conferences. Daily chart rounds and weekly participation in PCMH focused webinars provided additional educational forums.

The health center supports an outreach practice in a housing complex at Plumley Village, as well as student health programs at Worcester Polytechnic Institute, Clark University, and the College of the Holy Cross. Residents at Hahnemann provide longitudinal care for home visit patients, and long term care patients at St. Mary Health Care Center in Worcester. The health center is a teaching site for UMass Medical School students from all four years including first and second year LLP students, third year clerks and fourth year electives. In addition the health center provides clinical training for pharmacy students, dental residents and residents from the UMass OB/GYN residency.

Current faculty and residents include:

Faculty: Gerald Gleich (Medical Director), David Gilchrist (Education Director), Katharine Barnard, Alexander Blount, Marie Caggiano, Stephanie Carter, Joan Dolan, Michael Ennis, Jeremy Golding, Kathryn Lee, Christine Purington,

Eileen Rafferty, Christina Runyan, and Hugh Silk

PGY-2 Residents: Kimberly Bombaci, Laura Eurich, Ana George, Rosanna Lau

PGY-3 Residents: Larissa Calka, Mary Flynn, Kristen Mallett, Jason Numbers

Clinical Health Psychology Fellow: Caitlin Burditt

The Hahnemann Family Health Center matched with the following PGY-1 residents:

- Serena Hon is a graduate of the University of Rochester School of Medicine and earned her BA in Biology from Brown University in 2006. She was co-leader of her school's FMIG chapter and is fluent in Spanish. Serena enjoys running and performance dance of all kinds.
- Bency Loudor-Paulynice is a graduate of UMass Medical School and earned her BS in Biology from UMass-Amherst in 2006. Bency is fluent in French, Haitian-Creole and Spanish and worked as a medical assistant and phlebotomist prior to medical school. Bency has strong interests in addiction medicine, international health and serving the underserved population. Her personal interests include kickboxing, hosting and photography.
- Bronwyn Sing is a graduate of Western University of Health Sciences in California. She earned her BS in Health Systems Administration in 2004 as well as her MS in Physiology from Georgetown University in 2006. Bronwyn has a strong interest in health care delivery and access. She has been active in student government and her personal interests include running and lacrosse.
- Amanda Vitko is a graduate of Tulane University School of Medicine and earned her BA in Chemistry from Wesleyan University in 2005. Amanda's areas of interest include women's health and geriatrics. She is a California native and enjoys reading and baking.

Barre Family Health Center

The Barre Family Health Center is the only rural academic health center in Massachusetts. For over three decades, the health center and the residency have served as the sole provider of health care for Barre and ten surrounding rural communities. Barre developed as a small industrial town, while most of the surrounding communities have roots both in agriculture and dairy farming. The population consists of large numbers of long term residents and a growing number of more recent inhabitants who live in the country and commute to work. Practicing in Barre, residents experience firsthand the challenges of being a family doctor in a small New England town.

Building upon years of experience in implementation of the chronic care model through collaborative management projects in diabetes, hypertension and coronary artery disease, in 2011 the health center's leadership team successfully applied to be a funded site in a Patient Centered Medical Home initiative sponsored by the Massachusetts Executive Office of Health and Human Services. The project has begun with successful work on empanelment, moving toward measurement of, and improvement in, continuity of care and the development of a patient advisory panel. To support the project, the health center recruited Alice Leblanc as its new Clinical Care Manager. Her role will include following up on highest risk patients, hospital discharges and ED visits in an effort to prevent readmission. In September, the health center submitted its NCQA application for recognition as a Patient Centered Medical Home.

The Department's Fellowship in Integrated Primary Care Psychology was expanded in the past year to the Barre Family Health Center, and James Anderson joined the center as its first Fellow, working with faculty and residents in an integrated and collaborative manner.

Current faculty and residents include:

Faculty: Stephen Earls (Medical Director), Macario Corpuz, Kosta Deligiannidis, Cynthia Jeremiah, Pamela Grimaldi, Cynthia Jeremiah, Stephen Martin, Stacy Potts, Sam Pickens, and Joseph Stenger

Psychologists: William Ferrarone and Daniel Mullin

Pharmacologist: Courtney Jarvis

PGY-2 Residents: Rebecca Blumhofer, Shaylin Cersosimo, Marco Cornelio, Paul Sahn

PGY-3 Residents: Kylee Eagles, Alphonsus Kung, Geraldine Schick, Kathryn Wilson

Clinical Health Psychology in Primary Care Fellow: James Anderson

The Barre Family Health Center matched with the following PGY-1 residents:

- Marcy Boucher is a graduate of UMass Medical School who earned her BS in Biochemistry at Simmons College in 2006. Raised in Tyngsboro, MA, Marcy served as a co-coordinator of the UMass FMIG and as a Committee member for the MA Medical Society. Her personal interests include skiing and golfing.
- Christopher Chang is a graduate of the University of Rochester School of Medicine and Dentistry and was raised in Wisconsin. He graduated summa cum laude from Case Western Reserve University in 2007 with a BA in Anthropology and Psychology and a BS in Biology. Chris was a co-leader of his school's FMIG chapter and enjoys juggling and travel.
- Tassy Hayden, MD, is a graduate of Washington University in St. Louis School of Medicine. She earned her BA in Psychology in 2007 from Washington University in St. Louis, where she has been very involved in mentoring first-year medical students. Tassy enjoys musical theater and running half marathons.
- Lauren Davidson is a graduate of the University of Alabama School of Medicine who graduated in 2007 from University of Alabama with a BS in Spanish. She was a VP of the Medical Spanish Interest Group and her personal interests include music and distance running.

Family Health Center of Worcester

The Family Health Center of Worcester has provided over three decades of excellence in training family medicine residents to serve inner city populations within an independent, federally-qualified Community Health Center. The relationship between the Department and the health center has attained national recognition as a model of an academic/service collaboration devoted to the dual missions of serving an underserved community and training the next generation of physicians to work in these settings. 44% of the residency's graduates from this track have gone on to work in similar settings, citing faculty role modeling and a multidisciplinary team approach to care as strong influences in their decision-making.

Residents care for diverse patient panels, and have strong experiences in prenatal and obstetrical care, women's and children's health, acute care, HIV care and a variety of office-based procedures. A comprehensive community medicine curriculum has been developed in conjunction with health center programs devoted to the care of special populations or to disease prevention through health education. Examples include adolescent health, care of homeless adults and families, diabetes, asthma, breast cancer, smoking cessation and stress reduction. Residents are assigned to multidisciplinary primary care teams that facilitate the development of relationships with patients and staff. The health center promotes team-based care strategies and provides group visits for diabetes and prenatal care. The prenatal care group assigns a social service advocate to each prenatal patient, providing translation services and emotional support.

Current faculty and residents include:

Faculty: Lucy Candib, Lisa Carter (Education Director), Linda Clark, Tracy Kedian, Valerie Pietry, Warren Ferguson, Miguel Olmedo, Melissa Rathmell, Barry Saver, Sara Shields, Ted Shoemaker, Linda Weinreb, Margo Kaplan-Gill, Lisa Gussak, Phil Bolduc, Hana Karim, Rick Sacra

PGY-2 Residents: Jennifer Bradford, Shaun Farraher, Cristina Mota, Amber Wiekamp

PGY-3 Residents: Katrina Austria, Dahlia Favreau-Herz, Dishwani Gunawardena, Virginia Van Duyne

Clinical Health Psychology in Primary Care Fellow: Juan Carlos Ramos

The Family Health Center of Worcester matched with the following PGY-1 residents:

- Jemini Abraham is a graduate of Ross University who earned her Bachelor's degree in Biology from Rutgers University in 2006. Jemini has worked with at-risk youth and is a Massachusetts native. She enjoys cooking and long distance running as personal interests.
- Monica Agarwal is a graduate of Saint George's University. She graduated from the University of Ottawa in 2000 with her BS in Biology. A Canadian native, she also earned her MHS from Johns Hopkins University in 2002. Monica worked as a nutrition consultant and as a research associate prior to medical school. Her personal interests include running and Indian classical dance.

- Sara Rodenas-Martinez is a graduate of the University of New England College of Osteopathic Medicine. She completed her BS in Biology from Providence College in 2005 and is a native of Spain. Sara has a strong interest in women's health and public health and enjoys cooking and scrap booking.
- Navid Roder earned his medical degree from Universitat Basel in Switzerland in 2009 and earned his BS in Biology in 2002 from the College of St. Michel, also in Switzerland. Navid spent extensive time on a medical mission in Haiti last year. He was born in the US and enjoys jazz piano and guitar.

A one-year postgraduate Nurse Practitioner residency in primary care was recently established at the health center under the direction of Miguel Olmedo DNP. It will graduate its third NP resident in August, 2012. The program is designed to expand the number of nurse practitioners who build their careers in community health, and encourage nurse practitioners to assume leadership roles within organizations that provide care to underserved patient populations. Dr. Olmedo met with the Mass League of Community Health Centers at the end of September as part of a Task Force considering replication of the FHCW residency program across health centers in Massachusetts.

Worcester Family Medicine Graduation: The Worcester Family Medicine Residency hosted its 36th annual graduation dinner at Tower Hill Botanic Garden on June 17th to honor its graduates (names in bold notate the chief residents):

Barre Family Health Center

Ekaterina Brodski-Quigley

Stephanie Carter

Amy Jo Grzysiewicz

Jennifer O'Reilly

Family Health Center

Rajiv Balasuriya

Preeti Kandpal

Donna Pierre

Kerian Service

Hahnemann Family Health Center

Chad Beattie

Hayley Moak-Blest

David Rosa

Thamrah Wright

Alexa Connell graduated from the Clinical Health Psychology Fellowship.

STFM Resident teaching awards were presented to Stephanie Carter (Barre), Chad Beattie (HFHC) and Preeti Kandpal (FHCW).

The Shannon Jenkins Award of Excellence in Teaching and Learning was presented to Jason Numbers and Ginny Van Duyne, who both display an intense clinical curiosity, great love of learning, teaching, and outstanding enthusiasm for their work, embodying the spirit and ethic of Dr. Jenkins.

The residents recognized faculty accomplishments:

- Outpatient Teacher of the Year Awards were given to: Alexandra Schultes (Barre), Richard Sacra (FHCW) and David Gilchrist (HFHC)
- Patricia Seymour was named Inpatient Teacher of the Year.
- Jeremy Golding was given the Samuel Pickens Award in recognition of his demonstrated leadership, and longstanding commitment to excellence in patient care, teaching and community service.
- Frank Jehle (Pediatrics) and E. Darren Racht (P A-C Auburn Dermatology) were awarded Teaching Awards for outstanding teaching in the Pediatrics and Dermatology.
- The "Rookie of the Year" Award was presented to Hana Karim.
- William Damon Award for Mentorship was given to James Broadhurst.

The residents also recognized AAFP Volunteer Teacher accomplishments:

- Stephanie Conway: Pharmacy, Hahnemann Family Health Center
- Judy Nordberg: Library
- Francesca Adams: Geriatrics
- Len Levin: Library
- Matthew Silva: Pharmacy, Family Health Center of Worcester

A new William Damon Award for Faculty Mentorship was inaugurated, named after Bill Damon, a dedicated physician, teacher, and mentor whose life and career modeled Family Medicine for medical students, residents, and faculty over the years. The award will be presented annually to the faculty member who offers advice and guidance, setting an example for many residents throughout residency training. The recipient will be chosen by the graduating class of residents. This year's recipient was James Broadhurst for his incredible work with the residents in preparation for their future practices.

Fitchburg Family Medicine Residency

The Fitchburg Family Medicine Residency, founded in 1979, is located in the city of Fitchburg, 20 miles north of Worcester. The program will celebrate the 30th anniversary of its first graduation class in June, 2012. Established within a private practice, over many years the residency practice assumed responsibility for caring for a diverse and vulnerable population. In 2002, building on the Department's experience in collaborating with community groups and with federally qualified health centers, the practice was transformed into a new Community Health Center, Community Health Connections Family Health Center, with a dual service/training mission.

Community Health Connections has grown steadily in its nine years of operation. Its primary site in Fitchburg serves as the base for the residency, and it has expanded its clinical and outreach activities to three additional locations. The integration of the center and residency provides mutual benefits. The center cares for a diverse patient population, with federal and state funding to supporting comprehensive services to an underserved community. It serves as an ideal model for medical education, reflecting many of the attributes of the patient-centered medical home. The academic program enhances the center's ability to recruit a talented medical staff to serve as faculty, and surveys indicate that a significant percentage of graduates enter into shortage area practice.

In December 2009, Community Health Connections was awarded a \$10.5 million federal grant to support the construction of a new facility housing the residency program. The groundbreaking was in September, 2010, and an April, 2011 Topping Off Ceremony marked the completion of the steel superstructure. HealthAlliance Hospital, a member of the UMass Memorial system, gifted CHC with an existing medical office building which is being expanded with state-of-the-art facilities. The health center anticipates moving the residency and practice into the new building in March, 2010.

The residency's primary inpatient teaching service is at adjacent Leominster, at HealthAlliance Hospital. This medium-sized community hospital setting is ideal for training in Family Medicine. Its medical staff includes a large, active Family Medicine Department, including many residency graduates, and its specialists have decades of experience working with the residency. An extraordinary investment in technology won recognition as one of "America's Most Wired Hospitals" for the fourth consecutive year. The full integration of the Soarian electronic hospital record and Computerized Physician Order Entry made HealthAlliance the model for the planned introduction of the system in November 2011.

In October, 2010 the program began work to implement two new grant funded projects. Jim Ledwith is the Principal Investigator for a five-year \$837,619 training grant award from the federal Health Resources and Services Administration (HRSA). The "*Caring for Vulnerable Populations Project*" is supporting the creation of a new curriculum to train residents to deliver high quality care to a vulnerable elderly population. The lessons learned in the initial phases of this project will guide implementation of similar curricula impacting vulnerable groups, including care of children, pregnancy, chronic pain, substance abuse, and behavioral health disorders. Sury Venkat led the revision of the geriatrics curriculum and implemented a new program of teaching rounds in a local nursing home. Kathi Riggert developed joint injection workshops that will use new teaching models.

Bob Baldor is the Principal Investigator for a HRSA-sponsored Affordable Care Act Primary Care Residency Expansion Grant which is providing \$960,000 over five years to support one additional resident in each program class. The program successfully recruited a talented expanded PGY1 class of six new residents.

The residency's curriculum increased its focus on the unique challenges of care for vulnerable populations. Team-based care was introduced in 2009, and behavioral health professionals have been integrated into the clinical care teams, actively collaborating with faculty and residents. The presence of a new Clinical Health Psychology Fellow in the practice provides patient support and training in chronic disease self-management and integrated behavioral health care.

Scholarly activity by the residents included structured care improvement projects within the center. In June, the residents presented their project results to the CHC leadership and Quality Improvement Committee, including projects devoted to Osteoporosis Screening at Community Health Center; Influenza Immunizations in Diabetics Initiative; Improving the Physician/Patient Relationships in the Treatment of Chronic Pain with Narcotics; Mission Impossible – Clinic Schedule Revamp; and Resident Training in Opioid Dependence. Awais Siddiki, who led the resident education project, presented a poster of his work and co-presented a lecture on Resident Training in Buprenorphine Therapy with Jim Ledwith at the Annual STFM Conference in New Orleans in May.

During the 2011 academic year, the program hosted 7 UMass first- and second-year students in the Longitudinal Preceptorship Program, 7 UMass third year Family Medicine clerks and 9 students from other schools, and 3 UMass students in the required 4th year medicine subinternship, along with 6 students from other schools. Mass College of Pharmacy students routinely rotate with the program's inpatient service team. The program was the primary training site for a Physician Assistant student, as well as regular rotations by Nurse Practitioner students. The health center also hosted medical assistant trainees and trainees from the Dental Hygiene School of Mount Wachusett Community College.

The residency's central leadership includes the following:

Residency Director: James Ledwith
Director of Medical Education: Beth Mazyck
Administrative Director: Elaine DesJardins
Director for Osteopathic Training: Cheryl Divito
Inpatient Director: Felix Chang
Fitchburg Medical Director: Raj Hazarika
Residency Director of Behavioral Science: Nicholas Apostoleris
Associate Director of Admissions: Michael Smith

Current faculty and residents include:

Faculty: Beth Mazyck, Peter McConarty, Cheryl Divito, Michele Pugnaire, J. Herbert Stevenson, James Ledwith, Felix Chang, Raj Hazarika, Barbara Sullivan, Charmaine Pastrano, Katherine Riggert, Kathleen Sweeney, Stefan Topolski, Sury Venkat, Wade Munroe and Nicholas Apostoleris

PGY-2 Residents: Amanda Iantosca, Timothy Lowney, Rocio Nordfeldt, Matthew Plosker, Elliot Schaeffer
PGY-3 Residents: Katherine Fitzgerald, Kristen Kavulich, Nancy Larkin, Michael Lowney, Minh Nguyen
Clinical Health Psychology in Primary Care Fellow: Maria Majchrowski

The Fitchburg Family Medicine Residency matched with the following PGY-1 residents:

- Nicolas Hernandez earned his medical degree in 2008 from Universidad Autonoma de Guadalajara in Mexico and his BS in Biology from SUNY Stony Brook. Nicolas has an extensive background of community service and volunteering. After years of visits since his youth for church meetings, he is almost as at home in Leominster as he is with this family in New York. His personal interests include music and sports.
- Ryan Montoya is a 2011 graduate of UMass Medical School and earned his BA in Biology from Harvard College in 2005. He spent many years as a laboratory researcher at the Forsyth Institute in Boston. Ryan has a longstanding interest in both art and medicine and he has been published twice in the Journal of Dental Research. In addition to being a hedge fund manager, Ryan also is an amateur photographer and comic book artist. He speaks Tagalog (Filipino) and some Spanish. He has served as a volunteer working with the homeless in Boston.
- Stephanie Muriglan graduated in 2011 from St. George's University and received her BA in Biology (1999) and MS in Biology from New York University as well as her MA from the College of New Jersey. Stephanie worked as an EMT in New York City for several years after her studies, witnessing profound gaps in care in that urban setting. She is originally from New Jersey. She's served as President of her school's chapter of Women in Medicine, speaks Spanish fluently and enjoys camping and photography. Stephanie is also a member of our residency's Global Health Track.
- Luisa Hiendlmayr is a 2011 graduate from Ross University. A native New Yorker, Luisa graduated from Hunter College with a BA in Biology in 2006. Luisa worked as an EMT before attending medical school. She has a strong interest in preventive medicine and pediatrics and is fluent in Spanish. Luisa enjoys teaching as well as biking and skiing.
- Samantha Richards graduated from the University of New England, College of Osteopathic Medicine. A product of a farm family in Maine, she went to Michigan for a BA in Spanish from Hillsdale College in 2004. Samantha was thrilled to study manipulative medicine, and enjoys putting her studies into action. In her spare time she likes to read and play the harp, although she uses her not-spare time to cook flavorful foods. She loves sharing recipes, particularly the pumpkin ones.

- Jennifer Lin is a 2011 graduate of Lake Erie College of Osteopathic Medicine and earned her BA in Biology from Cornell University in 2006. She grew up in Cherry Hill, NJ but her family has moved to central Massachusetts. Jen enjoys the versatility of family medicine. She is fluent in Chinese, and speaks basic Spanish.

Fitchburg Family Medicine Residency and Sports Medicine Fellowship Graduation: The graduation dinner was held Friday, June 26th at the Chocksett Inn in Sterling. Graduates included (Chief Resident in bold):

Graduates in Family Medicine:

Mouhanad Ayach

Ivan Briones

Sean Haley

Ana Russ

Awais Siddiki

Sports Medicine Fellowship Graduates

Bradley Bley

Gabriel Lurvey

The residents recognized faculty accomplishments:

- Kathi Riggert received the Health Center Teacher of the Year Award.
- Cory Saltin, Payam Aghassi, and Plutarco Castellanos, intensive care and pulmonology team, were co-recipients of the Community Teacher of the Year Award.

Our graduates have chosen diverse paths upon graduation. Sean Haley joined close family friends in practice in Seekonk MA. Ana Russ plans to join a practice in the northwest suburbs of Boston. Awais Siddiki joined the STAR Community Health Center in Fall River MA. Mo Ayach extended his training with a general surgery residency at Berkshire Medical Center. Ivan Briones entered the Hospice and Palliative Care Fellowship at University of Texas – San Antonio.

Lawrence Family Medicine Residency

In keeping with its commitment to supporting community/academic affiliations, the Department maintains an academic affiliation with the Lawrence Family Medicine Residency, based at the Greater Lawrence Family Health Center (GLFHC), located thirty miles north of Boston. Joe Gravel, the Residency Director and GLFHC Chief Medical Officer, completed his one-year term as President of the Association of Family Medicine Residency Directors (AFMRD), and served as Immediate Past President of the Family Medicine Education Consortium (FMEC). Wendy Barr, one of the two Associate Residency Directors graduated from the NIPPD fellowship at the Program Director's Workshop in June 2011. The Residency was honored to be named one of 11 Teaching Health Centers in the United States by HRSA early in 2011. The federally-funded Teaching Community Health Center's mission is to serve a predominantly Latino community which historically has had inadequate access to care.

This past year, the program adopted redesign of its curricula, didactic conferences and evaluation system. The program provides extensive Spanish language training, including an intensive ten-day immersion experience during orientation and individualized instruction throughout residency. It also sponsors Fellowships in high risk obstetrics, faculty development, and in holistic and integrative medicine. The program also serves as a major placement site for medical students in the Department's third-year Family Medicine Clerkship and for fourth year elective rotations.

The Greater Lawrence Family Health Center has achieved level 3 status as a Patient Centered Medical Home by the National Committee for Quality Assurance. The center, which sponsors the residency, is one of 18 national Centers of Excellence in the Elimination of Disparities (CEEDs) as designated by the US Centers for Disease Control and Prevention (CDC). The Center is in its fourth year of an \$850,000/year five year award, *Latino CEED: REACH New England*, to address and overcome unique causes of health disparities. The project's mission is to stimulate local action in Latino communities across New England to eliminate health disparities related to asthma, breast and cervical cancer, cardiovascular disease and diabetes. The selection of GLFHC to oversee this new endeavor grew out of a REACH 2010 Latino Health research project that CDC funded for eight years in Lawrence. That project demonstrated significant improvements in 14 out of 15 clinical outcomes for Latinos with diabetes.

The residency's leadership included the following:

Chief Medical Officer/ Residency Director: Joseph Gravel

Associate Directors: Wendy Barr and Mary K. Nordling

Director, Quality Management and Research: Dean Cleghorn
Director of Research: Anthony Valdin
Director, Obstetrics Fellowship: Andy Smith
Co-Directors, Holistic, Integrative and Pluralistic Medicine Fellowship: Jeff Geller and R. Luby
Director, Behavioral Science: Alan Smith
Administrator: Debra Shank
Coordinator: Pam Kimball
Student Clerkship Director: Keith Nokes; Clerkship Coordinator: Pam Kimball

Current residents and fellows include:

PGY-2 Residents: Peter Bastian, Jennifer Bentwood, Elise Carpenter, Vanessa Cortes de Jorge, Ryan Dono, Karen Glatfelter, Jocelyn Hirschman, Isabel Lowell, Julia Randall, Alana Sagin
PGY-3 Residents: Marjorie Affel, Laura Beth Chamberlain, Katie Costello, Sarah Grimm, Thomas Kim, Kelley Lawrence, J. Miguel Lee, Caroline Pahk, Olga Valdman
High-Risk OB Fellow: Dorothy DeGuzman, Larkin Holt
Holistic and Integrative Medicine Fellow: JP Krueger

Greater Lawrence Family Health Center matched with the following PGY-1 residents:

- Abby Davids is a MD/MPH graduate of Ohio State University College of Medicine. She has worked with orphans and vulnerable children with HIV/AIDS in Ethiopia for many years, and serves on the Board of Directors of AHOPE for Children, a non-profit organization dedicated to the care of those children. In medical school, she and another student developed, taught and researched a year-long board review course for their fellow classmates. She also served as co-chair of Ohio State's chapter of the Gold Humanism Honor Society and is a member of Alpha Omega Alpha. In her free time, she loves photography, being outdoors, traveling, and spending time with her best friend.
- Leah Harford is a graduate of the Boston University School of Medicine. During medical school she became interested in health disparities among immigrant populations through working at a cancer prevention clinic and a Community Health Center serving mostly Spanish-speaking patients. She enjoys teaching and led an elective for first year medical students on physician advocacy and the social determinants of health. As a recipient of the Arnold P. Gold Humanism in Medicine award, she has done clinical rotations in Lesotho and Guatemala and speaks Spanish and some Mandarin. Some of her favorite activities include playing the piano, drinking good coffee with friends and reading on the beach.
- Modjolie King Moore is a graduate of Virginia Commonwealth University School of Medicine. Her enthusiasm for community health began with her service as a Peace Corps volunteer in Senegal. Working closely with her village's midwife and absorbing the culture through new languages and friends, she cultivated a desire to develop technical training with the hope of providing fundamental resources and educational opportunities to communities. Following her experience in Senegal, she worked with a translational research group, where she helped to guide patients with ovarian cancer through many challenges. In medical school she pursued opportunities including medical and public health endeavors in Honduras, Guatemala, Swaziland, and Ghana.
- Allana Krolikowski is a graduate of SUNY Buffalo School of Medicine and Biomedical Sciences. As a student, she worked at hospitals in Mexico and Tanzania and volunteered at a 'dispensario' in Chiapas. Allana co-coordinates a malaria program in Nyamuswa, Tanzania and is collaborating with a British physician on clinic plans for the village. In a Buffalo Family Medicine office serving a multicultural, multilingual population, she worked as front office staff and on a Hepatitis B clinical management project. Allana has been an advocate for health care reform through involvement in legislative advocacy and education of her peers. She speaks Spanish and intermediate Swahili.
- Rein Lambrecht is a graduate of the Ohio State University College of Medicine. She was drawn to Family Medicine through her interest in global health. During medical school, she was one of the founding members of an organization called PODEMOS which strives to provide sustainable care to impoverished communities in Honduras. She was a steering committee member of the student-run Columbus Free Clinic. Rein is a member of the Gold Humanism Honor Society, Alpha Omega Alpha and the Landacre Honor Society for research. She speaks Spanish and has a basic knowledge of Flemish and German. Rein enjoys traveling, tennis, hiking and camping and spending time with her family and friends.
- Julia Louise McDonald is a graduate of the University of New England, College of Osteopathic Medicine. She comes from a small, diversified farm in Maine and brings with her a commitment to provide primary care in rural, underserved New

England and across the globe. While in medical school, she piloted an exchange program between UNECOM and Mexico, completing Obstetrics and Pediatrics at Tecnológico de Monterrey. She also sat on the national board of Medical Students for Choice. Before medical school, Julia was a Peace Corps volunteer in Morocco, the Executive Director of the Maine AIDS Alliance, and worked in reproductive health and tobacco treatment. Julia speaks French, Tashelheet, and some Spanish. Her varied interests include reproductive health, tropical medicine, and food insecurity as well as triathlons and delicious local foods.

- Richard Moore is a graduate of the Virginia Commonwealth University School of Medicine. He began with aspirations to be an English professor and classical guitar teacher, but instead found himself steadily drawn to a career in medicine because of the opportunity to engage directly with others, to advocate for social justice, and to offer services to those who may otherwise go without. Experiences stateside and abroad – volunteering for four years in a local reservation’s free clinic, engaging in public health opportunities in Ecuador and Honduras - solidified this desire and directed him towards a Family Medicine residency.
- Alena Neton is a graduate of Ohio State University College of Medicine. In college, she worked with the Free Clinic of Cleveland both as an intake worker and an HIV counselor. She co-founded the organization “Students United in Care and Healing” (SUCH) to provide college students opportunities to become involved with local health-outreach organizations and promote social justice within the healthcare system. As a medical student, she was on the executive committee of the Columbus Free Clinic, and also worked each week as a member of a Habitat for Humanity build crew. In her free time, Alena enjoys playing soccer, watching football, and spending time with family and friends. She speaks English and German.
- Karina Silva Atkinson is a graduate of the University of Iowa Roy J. and Lucille A. Carver College of Medicine. Her career goals include practicing Family Medicine within a Community Health Center while working with the community to empower and improve individual and collective health. She also wants to continue working in international health, and has participated in medical missions to Mexico and Nicaragua. As an AmeriCorps volunteer, she has worked with a non-profit organization providing crisis intervention to victims of domestic violence. In medical school Karina was heavily involved with University of Iowa Mobile Clinic and co-founded the interpreting program to facilitate our free mobile clinics. She was raised in Mexico, speaks fluent Spanish, enjoys traveling, dancing, singing in Spanish and spending time with her family.
- Nicholas Yagoda is a graduate of Columbia University College of Physicians and Surgeons. Prior to medical school he worked for years as a choreographer and artist, and also taught high school chemistry and biology. He subsequently conducted basic science research, publishing his work on tumor-selective chemotherapeutics in *Nature*. In medical school, he spent extensive time developing and staffing a student-run medical clinic for the homeless in Harlem, helped generate course curricula on healthcare for the homeless and ran the local chapter of Physicians for Human Rights. His most recent work has explored the role medical professionals can and do play in the juvenile justice system. Nicholas has traveled extensively, and continues to make art.

Lawrence Family Medicine Graduation: On June 25, the residency program honored its graduating third year residents and Fellows:

Residents:

Summer Bartholomew
 Anne Berry
 Kate Bonafede
 Daniel Cagua-Koo
 Landrey Fagan
 Amy Maddalena
 Candice McElroy
 Yahaida Rimola-DeJesus
 Daniel Sanchez

Fellows:

Dorothy DeGuzman (High Risk OB Fellow)
 Larkin Holt (High Risk OB Fellow)
 JP Krueger (Holistic Integrative Pluralistic Fellow)

Behavioral Science

The core functions of the Department's Behavioral Science program include collaborative behavioral science education, a post-doctoral Fellowship in Clinical Health Psychology in Primary Care, clinical and service programs in Behavioral Health, and a Certificate Program in Primary Care Behavioral Health.

UMass Center for Integrated Primary Care: Recognizing years of accomplishment and national recognition for these programs, as well as many interrelationships between the Department and faculty in other medical school Departments, the medical school in 2011 established a new Center for Integrated Primary Care (CPI) under the leadership of Behavioral Science Director Alexander (Sandy) Blount. A formal vehicle for responding to growing national interest in the integration of behavioral health into primary care and the Patient Centered Medical Home (PCMH), the Center aims to develop and disseminate skills and best practices for the integration of behavioral healthcare and primary care and to foster collaboration in integrated primary care. Another goal is to develop methodologies for evaluation of the effectiveness of models of integrated primary care and to become a leader in addressing the workforce needs in the transition to multi-disciplinary team based care.

The Center offers bi-annual webinar training for integration of behavioral health providers into primary care. During the year, the faculty worked to develop a training program for nurses and behavioral health staff functioning in the care manager role in primary care practices, which will be offered via webinar during the 2012 academic year.

Information about the Center can be found at <http://www.umassmed.edu/news/education/2011/mental-health-inegration.aspx>.

Center Director: Alexander Blount

Assistant Center Director: Alexa Connell

Advisory Committee: Dan Lasser, Doug Ziedonis, Linda Sagor, Julia Andrieni, Judith Ockene, Julia Johnson, Arlene Ash, Charles Hamad, Judith Steinberg and Ron Adler

Behavioral Science Faculty:

Alexander Blount	Director
Nicholas Apostoleris	Vice President for Behavioral Health Services, Community Health Connections Family Health Center
Christine Runyan	Director of Behavioral Science, Fitchburg Family Medicine Residency Associate Director of Behavioral Science, Hahnemann Family Health Center and Director, Post-Doctoral Fellowship Clinical Health Psychology in Primary Care
Kathleen Braden	Developmental Pediatrician, Hahnemann Family Health Center
William Ferrarone	Behavioral Health provider, Balint Leader, Barre Family Health Center
Eydie Kasendorf	Balint Group Leader, Worcester Family Medicine Residency
Edward Killeen	Consulting Psychiatrist, Family Health Center of Worcester
Daniel Kirsch	Consulting Psychiatrist, Hahnemann Family Health Center
Kim Kusiak	Consulting Child Psychiatrist, Fitchburg Family Medicine Residency
Alan Brown	Consulting Psychiatrist, Barre Family Health Center
Mary Lindholm	Balint Group Leader, Worcester Family Medicine Residency
Daniel Mullin	Behavioral Science faculty, Barre Family Health Center
Alexa Connell	Behavioral Science Faculty, Benedict Family Medicine and Assistant Director, Center for Integrated Primary Care
Sheila Trugman	Balint Group Leader, Worcester Family Medicine Residency

Collaborative Behavioral Science Education: The Department offers an innovative model of behavioral science education, providing opportunities for residents and psychologists in training to work alongside each other, collaborating in the care of patients. The combination of Primary Care Psychology Fellows and Family Medicine residents fosters

mutual learning and team building across outpatient and inpatient care settings. This approach is implemented in each of the Department's Family Medicine residences, at each training site:

Behavioral Science in the Fitchburg Family Medicine Residency:

- Behavioral Science Rotation: Residents learn how to obtain core competencies through engaging with patients around the real-world problems the patients are facing. Improving communication and professionalism skills are emphasized, as is improving medical knowledge in the psychological and psychosocial domains.
- Orientation: Behavioral Science faculty participate in orientation for new residents by co-leading discussions on communicating difficult news to patients, cross-cultural issues, and the use of a brief psychotherapy intervention for medical patients.
- Formal Behavioral Science sessions: Formal sessions focus on detection and treatment of mental health disorders commonly found in primary care medical settings, including depression, trauma, substance abuse, and anxiety.

The CHC Behavioral Health Department is now a key provider of counseling, assessment and psychiatric services to Northern Worcester County. Under the direction of Nic Apostoleris, patient visits are expected to exceed 10,000 in the coming year. For many years, the health center has worked to provide a health care setting which integrates behavioral health into primary medical care, with two current integrated primary care initiatives underway:

- A post-doctoral fellow now has a primary placement in the medical practice to provide continuous coverage for consultation, resident training, and direct clinical services.
- The health center operates a Health Care for the Homeless/Public Housing Primary Care health center called ACTION Health Services. Providing medical services within a behavioral health facility allows for tightly integrated care for vulnerable populations, including those with persistent mental illness. ACTION Health Services, which is headed by Dr. Apostoleris, serves as a training site for first-year medical students and residents on rotations.

Behavioral Science in the Worcester Family Medicine Residency:

- Dual Interview Program: Residents interview patients with Behavioral Science faculty at the health centers and on the inpatient unit at the Memorial campus.
- Team Precepting: Residents at each of the residency's Family Health Centers participate in team precepting, utilizing one-way mirrors with Behavioral Science and medical preceptors working as a team.
- Orientation: The Behavioral Science faculty developed and taught portions of the July Foundations month for new residents.
- Formal Behavioral Science sessions: First-year resident workshops included substance abuse, depression, sexuality, death and dying, and somatization. Second-year workshops focused on interventions such as motivational interviewing, relaxation response interviewing, family interviewing, and solution focused interviewing.
- Program for School Aged Children: A teaching clinic for third-year residents and first-year Primary Care Psychology Fellows utilized a collaborative approach combining medical, psychological, developmental and family systems perspectives.
- Consultation: Psychiatric consultation and teaching is part of the regular teaching by consultants in all three health centers.

Post-Doctoral Fellowship in Clinical Health Psychology in Primary Care: The Department's two-year post-doctoral Fellowship in Clinical Health Psychology in Primary Care focuses on integrating mental health services with primary medical care in the context of a Family Medicine residency.

Fellows have been based at Family Health Center of Worcester and at the Hahnemann Family Health Center, and rounded with residents in the hospital one half-day per week. In 2010, with support from a three-year training grant award from the Health Resources and Services Administration (HRSA), the Fellowship was expanded to place Fellows at each of the Department's Family Medicine residency sites starting in August, 2010 (Alexander Blount, Principal Investigator):

- Juan C. Ramos, a second-year Fellow, is based at the Family Health Center of Worcester. He received his Doctoral degree in Clinical Psychology from Ponce School of Medicine and his B.A. in Psychology from the University of Puerto Rico, Mayaguez Campus. From 2009-10 he was the coordinator and administrator of the Health Psychology Program for the Ponce School of Medicine. Juan's academic, clinical and research interests include people living with HIV/AIDS and people living with diabetes. He also has an interest in global health policies and the integration of behavioral health in diverse cultural contexts. He enjoys travel, surfing, boating, festivals and spending time with friends.
- James Anderson, a second-year Fellow, is based at the Barre Family Health Center. A Minnesota native, James received his BA from the University of Wisconsin- Eau Claire, with a major in Psychology and a Minor in Philosophy. Following a year as a research associate at the Neuropsychiatric Institute of the University of California- Los Angeles, he received graduate training in Clinical Psychology at Western Michigan University. After completing a predoctoral clinical internship with the Edmonton Consortium in Alberta, Canada in 2009-2010, James received his PhD in 2010. A Minnesota Twins and Vikings fan, he also enjoys playing hockey, and the outdoors.
- Maria Majchrowski, a first-year Fellow, is based at Community Health Connections Family Health Center in Fitchburg. A native of Michigan and long-time resident of California, Maria comes to us with experience in education, business, engineering, and information technology. She earned her doctorate in clinical psychology with an emphasis in health psychology from The California School of Professional Psychology - San Diego, at Alliant International University. Maria says she is "excited to be a Fellow here and I love the atmosphere of learning and the people at UMASS and CHC. Everyone is very welcoming and I'm so excited to be working in an interdisciplinary model in primary care medicine!"
- Caitlin Burditt, a first-year Fellow, is based at Hahnemann Family Health Center. Caitlin grew up in Connecticut and received her BA in psychology from Middlebury College in Vermont in 2002. She recently earned her PhD in clinical psychology from the University of Rhode Island with a focus in health psychology and completed her clinical internship at Brown University in Behavioral Medicine. Caitlin lives in Rhode Island with her husband and enjoys running, swimming in the ocean, cooking and gardening in her free time.

Clinical and Service Programs in Behavioral Health Care: The Behavioral Science program offers a variety of clinical and service programs:

Serving in System-wide Roles:

- Alexander Blount is a member of the Patient Centered Medical Home roll out committee for the UMass Memorial Healthcare System.
- Daniel Mullin is a member of the Center for the Advancement of Primary Care's Patient Centered Medical Home Learning Collaborative Leadership Team

At Community Health Connections/Fitchburg Family Medicine:

- The CHC Behavioral Health Department's Open Clinic provides weekly access to new patients seeking to initiate behavioral health services while simplifying the referral process for CHC medical providers. All CHC behavioral health providers also offer Individual Provider Open Clinics.
- The post-doctoral fellow co-located in the medical department is available to provide consultation, brief interventions, and facilitate hand-offs of patients in need of behavioral health services.

At the Barre Family Health Center:

- Faculty Daniel Mullin and William Ferrarone provide primary care behavioral health care and consultation to faculty and residents.
- Dan Mullin has established a clinic for providing assessment and brief treatment of behavioral problems of children, and leads Team Precepting and the dual interview program, assisted by psychiatrist Alan Brown.
- Dan Mullin attended the Motivational Interviewing Network of Trainers (MINT) Training of New Trainers (TNT) in Sheffield, UK. After completing the 3 day training he is now a member of MINT. The Motivational Interviewing Network of Trainers (MINT) is an international organization of trainers in motivational interviewing. The trainers come from diverse backgrounds and apply MI in a variety of settings. Their central interest is to improve the quality and effectiveness of counseling and consultations with clients about behavior change concepts. The mission of MINT is to promote good practice in the use, research and training of motivational interviewing. Rather than seeking to limit or control the practice and training of motivational

interviewing, MINT promotes quality applications of motivational interviewing across cultures, languages, and contexts.

At Family Health Center of Worcester

- Primary Psychology Fellows provide consultation and care in the primary care setting, and lead a series of noon conferences on motivational interviewing and other behavioral health topics.

At Hahnemann Family Health Center

- Faculty Christine Runyan and Sandy Blount conduct team precepting, offer noon didactics, and provide primary care behavioral health care and consultation to faculty and residents, with psychiatric consultation and teaching from Dan Kirsch.
- Christine Runyan earned her specialty certification in Clinical Health Psychology by the American Board of Clinical Health Psychology, a member specialty board of the American Board of Professional Psychology (ABPP). This specialty designation is achieved by only a small proportion of psychologists nationally and requires an extensive review of credentials as well as a comprehensive written and oral examination process.
- Ali Connell graduate from the fellowship and transitioned to faculty as the assistant director of the Center for Integrated Care. She will also offer clinical services at the Benedict Family Medicine Practice.
- Two post-doctoral health psychology fellows from the Bedford VA Hospital spent one day per week learning primary care health psychology and seeing patients of the health center
- HFHC implemented a model screening protocol for behavioral health, screening adults for depression, anxiety, PTSD, and alcohol use as well as screening children for behavioral and developmental problems.

Certificate Program in Primary Care Behavioral Health: In 2011, over 300 mental health professionals from across the country received training to work within primary care settings through a series of six day-long workshops and a half-day experience in primary care. The program, offered twice during the year, was videoconferenced to sites in North Carolina, Oregon, Alberta, Missouri, Maine, Colorado, West Virginia and Wisconsin. The program was directed by Alexander Blount and was taught by Ronald Adler, Jeffery Baxter, Alexander Blount, Kathleen Braden, Warren Ferguson, Kathryn Lee, Dan Mullin, Christine Runyan, Hugh Silk, Carlos Cappas and Marie Caggiano.

Sports Medicine Fellowship

Entering its ninth year, the Sports Medicine Fellowship graduated its eighth set of Fellows, Gabe Lurvey and Bradley Bley, in June, 2011. The highly-competitive Fellowship had another successful match, and its graduates continued their 100% pass rate on the Sports Medicine Boards (CAQ), scoring among the top 10% for all fellowship graduates across the US. The faculty also taught residents in Family Medicine (from the Worcester, Fitchburg and Lawrence programs), Pediatrics, and Medicine-Pediatrics, as well as medical students during month long rotations in sports medicine. The clinical program grew:

- Expansion of sports medicine services to a new clinical site, UMassMemorial Orthopedics Westboro, staffed by Lee Mancini
- Expansion of Sports Medicine and Ultrasound Procedures with a new procedure clinic in the UMassMemorial Sports Medicine Center, staffed by Herb Stevenson
- Expansion of Sports Medicine Teaching to UMass Pediatric and Med-Peds Residency Programs along with the UMass affiliated Lawrence Family Medicine Residency Program

The program's core faculty includes:

Director: J. Herbert Stevenson

Faculty: James Broadhurst (Associate Director, Team Physician, Holy Cross), Pierre Rouzier (Associate Director, Head Team Physician, UMass/Amherst), Greg Little (Assistant Team Physician, UMass/Amherst, Team Physician Mount Holyoke College), Brian Busconi (Chief, Sports Medicine, Department of Orthopedic Surgery, UMassMemorial), Philip Lahey (Head Team Physician, Holy Cross), Bill Chrisostomidis (Team Physician, Nichols College), Lee Mancini (Team Physician, Assumption College and Shrewsbury High School), Katherine Riggert (Medical Director for the Baystate Cyclocross Race and the Providence Festival of Cyclocross).

2010-2011 Fellows:

- Chad Beattie, MD joined the Fellowship as a 2011 graduate of the UMass Worcester Residency, where he served as Chief Resident at the Hahnemann Family Health Center.
- Jennifer Schwartz, MD joined the Fellowship as a 2011 graduate of the Tufts Family Medicine Residency Program where she served as Chief Resident.

Academic achievements: The program:

- Fellows and faculty presented podium and poster presentations at the annual meetings for the American College of Sports Medicine, American Medical Society for Sports Medicine, and the New England American College of Sports Medicine
- hosted a weekly Sports Medicine Conference series, a monthly MRI Conference series, and a Tri-Annual UMass-UConn Fellowship Conference
- trained 40 medical students and residents in Sports Medicine during a one month Sports Medicine rotation
- provided longitudinal elective experience for residents interested in careers in Sports Medicine including game coverage, training room sessions, pre-participation exams, and sports clinic sessions
- conducted resident workshops devoted to the Pre-Participation Exam, Physical Exam, Splinting, Casting, and Injection Therapy
- taught an innovative multi-disciplinary Musculoskeletal Exam workshop during the third-year Family Medicine Clerkship
- Taught Musculoskeletal Anatomy with Clinical Correlation to first-year UMass Medical students.
- Contributed numerous chapters for the upcoming 5 Minute Clinical Consult
- Taught "Injection Therapy Workshop" for the UMass Medical School Pain Management Interclerkship

Clinical and Service Achievements: The program:

- Expanded additional clinical sports medicine sessions at the UMassMemorial Orthopedics Westboro site
- Provided team coverage to the Boston Red Sox, College of the Holy Cross, University of Massachusetts, Worcester Polytechnic Institute, Fitchburg State College, Assumption College, Nichols College, Clark University, Ana Maria College and Worcester State College.
- Provided medical coverage for the 2011 Boston Marathon, 2010 Bay State Games, and the 51th Annual Fitchburg Longsjo Bicycle Stage Race.
- Provided free school-based sports medicine clinics to Fitchburg, Wachusett, and Montachusett Regional Technical High Schools in Northern Worcester County.
- Provided Sports Medicine coverage for Shrewsbury High School.
- Provided school based wellness and fitness education program to Shrewsbury High School.

Geriatrics

The Department co-sponsors the Division of Geriatrics with the Department of Medicine. The Division is actively working on the development of undergraduate, graduate and post-graduate education programs as part of the AGE (Advancing Geriatric Education) initiative funded by the Donald W. Reynolds Foundation,

The Division presented its second annual CRIT (Chief Resident Immersion Training) Program in the Care of Older adults in May in Ogunquit, Maine. The overall goal of the CRIT program is to foster collaboration among the various medical and surgical disciplines and advance knowledge and skill development in the management of complex older patients. The program is offered to chief residents and residency program directors across all disciplines at UMass, seeking to enhance their teaching and leadership skills related to the care of older adults. Department faculty who participated in the course included Jerry Gurwitz and Gerry Gleich. Nancy Larkin a resident from the Fitchburg Family Medicine Residency was a participant in the program.

The Geriatric Fellowship was approved by the ACGME last fall, with Catherine DuBeau (Department of Medicine) serving as Fellowship Director. The program's first Fellow, Maria Dunn, completed her training in June 2011 and two new Fellows, Elizabeth Howard and Bhavani Peddagovindu, started the program in July.

Members of the faculty active in the geriatric academic and service community include:

- Gerald Gleich serves as Medical Director for St. Mary's Health Care Center. He coordinates longitudinal geriatric training for the Worcester Family Medicine Residency at St. Mary's and is one of the course coordinators for the medical school's third year Geriatrics Interclerkship. He was a panelist in the Physician Patient and Society course day at the Worcester Senior Center entitled "*Perspectives on Health Care Delivery in the 21st Century: A Focus on Drug Costs for Elders.*"
- Kristin Foley serves as the Medical Director at Autumn Village and precepted residents there in long-term care. She a lecturer and teacher for the UMass Geriatric Fellowship.

General Practice Residency in Dentistry

The General Practice Dental Residency completed its 6th year of operation in July under the ongoing leadership of program director Sheila Stille, DMD. She was joined by Dr. Brandon Cairo, who provided additional program oversight as the program's assistant director. Dr. Martha Sullivan, Site Director of the Family Health Center of Worcester dental clinic, continued to coordinate training and education experiences at the health center, and Site Director Dr. Brian Genna coordinated the dental rotation at the Edward M. Kennedy Community Health Center. Dr. Karen Chang, dentist at the Irving Glavin Regional Center (a Tufts dental facility located in Shrewsbury, serving special needs patients) directed the operating room rotation, scheduling full mouth rehabilitation cares for patients receiving care at Glavin.

Residents participated in medical school rotations including Family Medicine, Emergency Medicine, Anesthesia, operating room, craniofacial clinic, head and neck tumor board, and head and neck anatomy. Individual education plans were also developed utilizing various medical specialties, such as radiation oncology and psychiatry. The program continued to recruit additional Worcester-area dentists to join as volunteer faculty. Throughout the year, faculty provided numerous activities including precepting at the health centers, inviting residents to special hands-on workshops in their offices, teaching year-long lecture series in their area of expertise, and inviting the residents to their offices for observerships.

The Worcester District Dental Society partnered again this year with the residency to co-sponsor Grand Rounds presentations:

- Forensic Dentistry Care Logs: Dr. John Giordano
- Gingival Enhancement Therapy: Dr. David Handsman
- Functional Occlusion: Dr. Glen DuPont, Dawson Academy
- Legal Implications for Practitioners in the Information Age: Barry Regan

Residents attended the Dr. Gordon Christensen Annual Dental Update, the 4th Annual Massachusetts Academy of General Dentistry J. Murray Gavel Meeting, 2011 Yankee Dental Conference and the Boston University-sponsored HIV and Dental Cosmetic Symposium at the Tufts School of Dental Medicine. Community service activities included providing dental education, screening services, and distributing dental supplies at the Auburn Mall, celebrating National Children's Oral Health Month at the UMass Children's Hospital clinic waiting area and at Hahnemann Family Health Center, and participating in the annual UMMHC Teddy Bear Clinic.

The following residents received graduation diplomas for completing the 2010-2011 academic year:

- Dr. Krithika Baskaran, who will be practicing at University Dental Associates, Worcester, MA
- Dr. Amy Li, who will join the dental staff at the Family Health Center of Worcester
- Dr. Stacy Temple, who has accepted employment with the Edward M. Kennedy Community Health Center, also in Worcester

In the spring, the Department announced that it would discontinue its sponsorship of the program, with ongoing sponsorship being explored by area community health centers including Community Connections Fitchburg Health Center, Family Health Center of Worcester, and the Edward M. Kennedy Community Health Center. The residency concluded with a record of success in training dentists for working with underserved populations: 44% of its graduates continue to provide services at central Massachusetts Community Health Centers, and 50% of all graduates are providing dental services in the greater Worcester area.



New center integrates mental health into primary care

Center for Integrated Primary Care builds on existing expertise and programs

By Kristen O'Reilly
UMass Medical School Communications

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The ability of primary care practitioners to involve a behavioral health clinician in a patient's total care is essential to effective treatment, according to a growing movement in the health care field. Called integrated primary care (IPC), the concept is taking hold nationally as evidence grows that patients are more likely to successfully engage in mental health, substance abuse or health behavior change treatment—which can address problems at the root of other health issues—if they are treated in a primary care setting.

With the new Center for Integrated Primary Care, UMass Medical School is set to take a national leadership role in this movement, building upon already existing expertise and programs and expanding into other areas, such as creating evaluation standards for effective models.



Alexander Blount, EdD

“There is hard evidence that bringing mental health treatment into primary care makes a difference,” said Alexander Blount, EdD, clinical professor of family medicine & community health and psychiatry and director of the center. “When done right, it has been shown to improve access to care, patient satisfaction, provider satisfaction and clinical outcomes.”

While integration of care may make sense logically, actual execution has often proven to be problematic. Miscommunications and misunderstandings can happen between mental health clinicians who are unfamiliar with how primary care practices operate, and primary care practitioners who may not have the time or the understanding to teach the mental health professional how to adapt to the environment and be most effective.

UMMS is already a leader in addressing this hurdle. Over the last five years, more than 1,000 mental and behavioral health professionals have attended the Certificate Program in Primary Care Behavioral Health, developed by Dr. Blount and colleagues, which teaches behavioral health clinicians to work successfully in primary care. Each year, 300 students come to campus—physically or via the web—to participate in six all-day workshops, one a month, that are taught by primary care behavioral health clinicians and primary care physicians from the departments of family medicine & community health, medicine and pediatrics.

The new Center for Integrated Primary Care will allow Blount and his colleagues to expand on this successful certificate program to help train physicians to understand and address the behavioral health needs of their patients better. Also planned is a program for administrators to make the business case that integration of care is cost-effective, and therefore should be a part of the current transformation in primary care.

Behavioral health is also getting more attention in the patient-centered medical home (PCMH) movement, because of its team-based model of primary care serving the whole person.

“If the PCMH is as much a watershed in the design of health care as many people think, the United States could be facing a possible geometric growth in the demand for behavioral health clinicians to work in primary care and other medical settings,” said Blount.

Prevention, Public Health and Population Health

Preventive Medicine Residency

With increasing national discussion of the need for a closer relationship between public health and clinical medicine, the Department's Preventive Medicine Residency provides a unique opportunity for physicians to be educated in both disciplines. Program graduates fill a variety of leadership positions in a number of settings including academic medicine, research institutions, quality assurance organizations, state and federal public health agencies, integrative medicine programs, and community health centers.

The program continues to attract outstanding residents who are interested in specializing in preventive medicine or public health. Each resident completes the MPH degree in the Worcester Campus MPH Program, as well as a series of practicum experiences. MPH activities include courses in epidemiology, biostatistics, health policy and management, behavioral medicine, community health education, environmental health and completion of a formal research project. Practicum experiences include field placements with local, state and federal public health agencies, rotations in international health, community health centers, and community-based organizations, teaching experiences in academic programs, and research experiences in a number of settings. New ACGME requirements, effective July 1, 2011, include four months of training in clinical preventive medicine that will take place in a number of clinical settings.

Jackie Coghlin-Strom serves as Program Director, and Anna Doubeni serves as Associate Program Director. The Program's core faculty includes Suzanne Cashman, Anna Doubeni, Stephen Gehlbach, Jennifer Kelsey, Judy Savageau and Charles Sweet.

Preventive Medicine Residents for 2010-2011 included:

- Alyson Porter completed her first year. She previously trained in psychiatry at the University Of New Mexico School of Medicine. Dr. Porter has a strong interest in maternal and child health in underserved communities. She worked for Albuquerque Health Care for the Homeless before moving to the Marshall Islands where she worked on a number of community projects including end of life/palliative care and chronic disease prevention. During her first year, Dr. Porter completed practicum experiences in child health advocacy, maternal and child health, Centering Pregnancy, and tobacco cessation treatment. She also worked with the Massachusetts Department of Public Health to implement post-partum depression screening requirements mandated by the legislature.
- Ted McDade completed his first year. He previously trained in general surgery and emergency medicine at the University of Massachusetts Medical School. He was appointed as an Instructor in the UMMS Department of Surgery and became a published researcher during his post-doctoral Fellowship in surgical oncology. Dr. McDade is working on a number of projects related to translational research in cancer prevention and control. He serves as a mentor for UMMS medical students interested in cancer prevention and control research. Dr. McDade made a number of presentations at national meetings on research being conducted in the UMMS Surgical Outcomes and Analysis Research (SOAR) program.
- Angela Shepherd completed her second year of training. She previously trained in Emergency Medicine at the University of Maryland. She is interested in patient safety, quality improvement, and chronic disease prevention. Dr. Shepard was involved with a number of QI didactic and practicum activities in the Department, and was a member of a "Transitions of Care" team that worked to develop and implement medical management tools to decrease hospital readmission rates. Dr. Shepard completed a comprehensive evaluation of the Ryan White HIV/AIDS program for the New Hampshire Department of Public Health and an assessment of the UMMS quality improvement curriculum for medical students. She also developed a QI curriculum for the preventive medicine residency.

Having graduated from the program, Dr. Shepherd is now developing a rural health clinic in New Hampshire.

- Jordan White completed her second year of training. She previously trained in Family Medicine at Brown University. She is interested in women's health, teen pregnancy, school health, health promotion, and international health. Dr. White worked to improve pregnancy outcomes through Centering Pregnancy group approaches to pre-natal care and QI activities associated with the IMPLICIT Program. She mentored UMMS medical students who traveled to the Dominican Republic to provide medical care and she completed an internship in medical journalism at ABC News in NYC. Dr. White assisted the

Rhode Island Department of Public Health with a statewide assessment of reproductive health among citizens, completed rotations in occupational medicine and Mindfulness-based Stress Reduction and worked with the UMass Office for Medical Education to conduct a formal evaluation of international health experiences of UMass medical students. She saw patients at the Hahnemann Family Health Center during her Preventive Medicine residency.

Having graduated from the program, Dr. White has accepted a faculty position in the Family Medicine Department at Brown University.

Incoming residents include two former UMass medical students: Dr. Pamela Guggina is board certified in Emergency Medicine, with interests in sports medicine, injury prevention, nutrition, fitness, and osteoporosis research. Laurent Benedetti is clinically trained in internal medicine and neurology, with interests in international health, health policy, and behavioral medicine.

Master of Public Health Program

A Master of Public Health degree is offered through the Department at the University campus. The degree is accredited through the School of Public Health and Health Sciences at UMass/Amherst. Courses are taught in Worcester by faculty from both campuses. The faculty directors of the MPH Program are Jackie Coghlin-Strom in Worcester and Carol Bigelow on the Amherst Campus.

The MPH Program draws a wide spectrum of students, including UMass residents and fellows, area physicians, veterinarians, nurses, pharmaceutical company employees, physicians from other countries and other health professionals looking to broaden their knowledge of public health. At the present time, 86 students are taking MPH classes.

The following students graduated from the MPH Program during the past year:

September 2010:

M. Christine David, DO, MPH
Kurt Horst, MD, MPH
Anne Knutson, MD, MPH
Megan McCoy, MD, MPH
Dina Morrissey, MD, MPH
Leah Wentworth, MPH

February 2011:

Cecilia Ekayu, MPH
Joan Lowbridge-Sisley, MPH

May 2011:

Jessica Desrosiers, MPH
Paul Halfmann, MPH
Pamela Hogan Guggina, MD, MPH

PhD Program in Clinical and Population Health Research

The Medical School's Graduate School of Biomedical Science sponsors a PhD program in Clinical & Population Health Research (CPHR), which entered its 7th year. Carole Upshur serves as Associate Dean, and Joe DiFranza, Robin Clark, Lee Hargraves, Jay Himmelstein, Roger Luckmann, Barry Saver and Linda Weinreb hold faculty appointments in the program, which addresses a national need to move health research from laboratory to bedside and from individual patients and health care sites to systems of care.

The program currently enrolls 16 full time students (14 PhDs and 2 MD/PhD), and 5 part-time professional track students from within UMass Medical School Research centers, with 3 additional MD/PhD students. The program emphasizes clinical and health services research skills and provides students the tools to conduct research on health care access, screening, treatment, quality, and outcomes. The program has graduated 13 students so far. All have obtained post-doctoral positions or positions as research scientists or as faculty. Graduates have positions in the Office of Quality at UMass Memorial Health Care, Commonwealth Medicine, The UMass Department of Orthopedics, Biogen, Yale (2), Harvard, the FDA, the North Carolina Department of Public Health, and the University of Tennessee.

The program develops researchers with strong core competencies in statistics, epidemiology, and research methodologies applicable to clinical trials and population health studies, and has a specific emphasis on public sector issues and vulnerable populations. Students are prepared to conduct investigator-initiated clinical and health services research, and applied research in clinical and public sector health services delivery systems.

- Tanya Lord, mentored by Roger Luckmann, was awarded an Agency for Health Care Quality and Research dissertation grant for her work on assessing UMass Memorial's rapid response teams. Tanya has supported Dr. Luckmann's work on patient safety in the health care system as a Graduate Research Assistant, as well as his CDC work and will be starting a post-doc working on patient safety initiatives within the system. Other students have received National Health Service Research Fellow awards, and other dissertation awards from AHRQ and the CDC.

Students must have preparatory work in epidemiology and biostatistics, experience in some type of clinical research, and preferably an MPH or comparable Masters level degree before enrolling. Students complete three year long core courses in their first year, and three 2-day a week research rotations. In their second year, students are matched with a thesis mentor, complete a Qualifying Paper and Thesis Research Proposal, and then spend 1-2 years additional completing their research and working for their mentor or Department.

Faculty Development and Professional Education

Associate Chair Mark Quirk provides leadership to the Department's programs to support the professional development of the faculty, assisted by Heather-Lyn Haley. Under Mark's leadership additional programs are provided to broader audiences through the UMass Clinical Faculty Development Center and the Center for Clinical Communication and Performance Outcomes, with faculty from the Departments of Family Medicine, Internal Medicine and Pediatrics.

Orientations for new faculty: A series of breakfast orientation sessions allowed new faculty to meet with the leadership and discuss their experiences and special interests while also getting an overview of the Department and its resources, and learning about the steps to academic promotion. New faculty members were also introduced to library resources and to procedures for building a faculty web page.

Faculty Retreats: The Department held two faculty retreats attended by over seventy faculty. The October 2010 retreat at the South St campus focused on critical issues including consideration of a single primary care management model; the department's role as facilitator of community-based research; strategies for balancing scholarly activity, teaching and clinical workload; and succession planning for new generations. The Chronic Pain research team presented their final results and the Community Health Toolkit was launched for faculty in the Population Health Clerkship. The March 2011 retreat at the Warren Conference Center in Ashland featured a return to the topic of Patient-Centered Medical Home, with an emphasis on the transformation of primary care practice. Quality data from our practices were highlighted, and presentations were given by faculty from the Greater Lawrence Family Health Center and the department of Quantitative Health Sciences. Heather-Lyn Haley coordinated all the logistics related to the retreats.

Medical Director Leadership Workshops: The Department's Medical Directors meet on a quarterly basis for half day workshops retreats focused on development of leadership skills. Retreats were held in September, January, March and May, focusing on the theme of Crucial Conversations - application to leading, mentoring and managing.

Clinical Faculty Development Center and the Teachers of Tomorrow: The Clinical Faculty Development Center (CFDC) conducted 4 weekend "Teachers of Tomorrow" workshops for Family Medicine, Internal Medicine and Pediatric faculty from New England and New York. Workshops were held in Southbury, CT, Lenox, MA, Northampton, MA and Beverly, MA. Sixty-three trainees focused on expert teaching and clinical quality improvement in didactic and small group learning sessions. The workshops were funded by a HRSA Primary Care Faculty Development Grant. An additional HRSA SEARCH grant also supported the CFDC to train faculty from community health centers at the workshops. Department faculty who taught in the TOT programs included Ron Adler, Chris Cernack, Warren Ferguson, Allison Hargreaves, Dan Lasser, Mary Lindholm, Steve Martin, Jeanne McBride, Stacy Potts, Mark Quirk, and Scott Wellman.

Center for Clinical Communication and Performance Outcomes: The Center for Clinical Communication and Performance Outcomes provides training and consultation services to clinical organizations and their employees, including health care providers and professional staff. These services are designed to improve communication and enhance clinical performance across all health care settings involving all patient populations. The Center's evidence-based approach combines needs assessment, tailored interventions, and outcome assessment to improve performance

at the individual, departmental and organizational levels. Its training programs take a multi-disciplinary approach in helping clinicians improve performance, decrease risk and enhance patient satisfaction.

Department faculty Warren Ferguson, Tracy Kedian, Ron Adler, Jeanne McBride, Mary Sullivan, Scott Wellman and Heather-Lyn Haley, working with faculty from Internal Medicine and Pediatrics, are committed to cutting edge training on the doctor-patient relationship. 2010-2011, Center programs were offered to UMass Memorial Health Care providers from intensive care units, Risk Management and Interventional Radiology. Additionally, the Center provided training at Wing Memorial Hospital, Sturdy Memorial Hospital, the Massachusetts League of Community Health Centers and the Massachusetts Executive Office of Health & Human Services on the State-wide Patient Centered Medical Home Initiative.

The Center also works with faculty from the Department of Surgery on a Human Factors training program for surgical residents. PGY 1 and 2 residents participate in 4 workshops that focus on team functioning and communication skills. For PGY 3 and 5 residents, the Center helped develop and directed several simulation exercises focusing on problem solving and team communication during surgery. The PGY 4 residents participated in a leadership workshop. The same group of faculty also ran workshops for 3rd year surgical clerks for orientation and training on surgical teams.

Primary Care Days

The 12th Annual "Primary Care Days" conference was held April 13 -14 at the Hoagland-Pincus Conference Center in Shrewsbury, MA. The CME program offered concurrently running presentations to meet individual needs. Robert Baldor presented *Avoiding Medical Malpractice Suits* and Frank Domino presented *Vitamin A*.

Maintenance of Certification

Bob Baldor and Frank Domino hosted a session devoted to Maintenance of Certification in Family Medicine, working with over 30 Family Physicians. In the fall, a day-long session was devoted to the ABFM Self-Assessment Module on Healthy Behaviors. Participants were given an overview of clinical issues in prevention and management, and worked through on-line questions and patient simulation in an interactive fashion.

Advanced Life Support in Obstetrics (ALSO) Course

The Department co-sponsored its eighth annual regional Advanced Life Support in Obstetrics (ALSO) course on August 4 at the Memorial Hospital of Rhode Island. The course was conducted in collaboration with the Family Medicine residencies at Boston University, Brown University, and the University of Connecticut. The course used a mixture of lectures and hands-on workshops to teach standardized, evidence-based approaches to emergency obstetric situations.

Sara Shields served as Course Director. Faculty who served as certified instructors included Linda Clark, Lori DiLorenzo, Mike Ennis, Tracy Kedian, Anita Kostecki, Stacy Potts, Sara Shields, Hugh Silk and Lisa Gussak.

Margo Kaplan-Gill and David Gilchrist were certified as instructors. UMass Family Medicine residency graduates Cathy Kamens (UConn), Cheryl McSweeney (BU) and Nidhi Lal (Lowell) also contributed to the teaching.

ALSO Abroad

ALSO Provider and Instructor Courses are administered in 47 countries, helping health care providers throughout the world develop and maintain the knowledge and skills they need to effectively manage potential emergencies during the perinatal period. Sara Shields returned to Leon, Nicaragua late in 2010 to help teach ALSO, working with five other American family physicians and a Chilean Perinatologist. She taught a two-day provider course in Spanish to nearly 40 Nicaraguan general practitioners, nurses, and obstetricians. The American/Chilean group also taught 25 participants in the one-day ALSO instructor course and then observed these newly-minted instructors teaching another provider course to 30 more physicians and nurses. The course was hosted by the Universidad Nacional Autónoma de Leon and included several Nicaraguan instructors whom Dr. Shield's group had trained in the first course in 2009. The international instructors donated another six new manikins to the school to be able to continue teaching ALSO to Nicaraguan medical students before they begin their mandatory social service year in rural areas where they are attending deliveries and also to obstetric and Family Medicine residents.

Community Health

The Department's strategic plan for community health is guided by an overarching goal: ***The Department will distinguish itself and be recognized nationally for integrating community health into Family Medicine practice, training and scholarship.***

Vice Chair Warren Ferguson provides oversight for Community Health.

Highlights of this year's work include:

- Launching of the web-based Community Health Toolkit on the department's website
- National presentations and publication of the Worcester residency's community health curriculum
- Full implementation of the residency global health track
- Transformation of the community health clerkship into the *Determinants of Health* course
- Implementation of the Learn and Serve project awarded from the Corporation for National and Community Service

Global Health in Medical Education (see also page 8)

Mick Godkin continues to lead a robust global health program for medical students. In June, 2011, 27 students from the Class of 2014 set out to work in 18 different countries including India, China, Mexico and several in Central and South America and Africa. In addition, 36 fourth year students completed electives in 17 different countries, including India, Thailand, Malaysia, the Dominican Republic, Australia Ireland and in sub-Saharan Africa, South and Central America.

The Pathway for Serving Multicultural Underserved Populations links experience abroad with domestic immersion experiences. Pathway students continue to play leadership roles in both local and international service projects, including as a General Electric Medical Scholar in Ghana (Anne-lise Paisible) and as leaders on new service projects in Worcester, including training young Burmese refugees to run a peer-led family health night (Sarah Tracy), and life, career and academic training with North High School students (Micaela Bayard). Of 12 graduating students entering Family Medicine residencies this year, 5 were Pathway students.

Global Health in Family Medicine Residency Training (see also page 8)

An elective Global Health Track was established under the direction of Anna Doubeni. In the first year, residents choosing the track complete a 2-week course in topics relevant to global health and participate in a trip to Nicaragua, providing exposure to a community health-based system and introducing epidemiologic research. In the second and third years, residents in the track will have the opportunity to lead interns on trips to Nicaragua or the Dominican Republic, where they will work on a research project or develop clinical skills. The track also includes a monthly Global Health Seminar.

Population Health in Family Medicine Residency Training

A project funded by the American Association of Medical Colleges (AAMC) in collaboration with the CDC entitled "*Regional Medicine-Public Health Education Centers-Graduate Medicine Education*" has reinvigorated community and public health training in the Worcester Family Medicine residency. The program is in its third year. Principal Investigator Warren Ferguson is working with Stacy Potts and Suzanne Cashman, and with Family Health Center faculty Kostas Deligiannidis (Barre), Marie Caggiano (HFHC), and Lisa Carter (FHCW) to implement the project. Len Levin (Lamar Soutter Library) and Heather-Lyn Haley were also involved in the evaluation of the interdisciplinary chart rounds.

Highlights for the past year include launching of a web-based Community Health Toolkit with applications for practice and teaching, evaluation of interdisciplinary chart rounds and subsequent presentation at the Annual STFM conference and the AAMC *Patients and Populations: Public Health in Medical Education* conference, and submission of the curriculum for publication in the American Journal of Preventive Medicine.

Population Health in Medical and Graduate Nursing Education

The Community Health Clerkship, previously offered in the first year, underwent significant redesign in the context of the medical school's revised curriculum. The newly-named Population Health Clerkship (PHC) is now a second year component of the Determinants of Health course, co-led by Suzanne Cashman and Jeroan Allison. The transition of the course is described in detail on page 4.

Optional Enrichment Electives

Under the leadership of community health Director Suzanne Cashman, the Department continued to offer two optional enrichment electives focused on the health care system. Michael Tutty worked with Suzanne to co-lead one elective entitled, *Understanding and Improving Our Health Care System*. This elective, offered to medical, nursing and graduate school of biomedical sciences students, met seven evenings during the fall. Approximately 20 students gathered to learn about health care politics and advocacy, insurance, the pharmaceutical industry, other countries' systems of care, and issues related to national health reform.

Ten students from the medical and graduate nursing schools attended the Optional Enrichment Elective entitled, *The Bigger Picture: Health Issues Affecting the Community of Worcester*. In this elective, students learned about issues pertinent to the city of Worcester. Topics included: infant mortality, homelessness, economics and urban planning, domestic violence, immigration and substance abuse.

Albert Schweitzer Fellowship

Central Massachusetts hosts a satellite of the Boston-based Albert Schweitzer Fellowship chapter, with the Department serving as its anchor. For the 2011 Fellowship year, medical student Talya Brettler is focusing on nutrition, holding cooking classes at St Anne's free clinic. A GSBS student, Nang Maung, is working with the refugee community from Burma to help ease their transition to life in Worcester. Through this Fellowship, Talya and Nang have each committed to contributing a minimum of 200 hours of service. Suzanne Cashman coordinates the program's Worcester satellite.

UMMS Community Engagement Committee

This committee, co-chaired by Suzanne Cashman and Robin Klar from the GSN, was created to promote inter-professional community-engagement focused on teaching and service. In teaching, we advance the use of service-learning pedagogy; in service, we advance work that responds to community-identified need. By hosting monthly meeting with diverse members including representatives from Family Medicine, Pediatrics, Geriatrics, GSN, MassAHEC, the student learning community leadership group and the UMass Office of Government and Community Relations. The group coordinates community engagement work across campus to assist with communication and innovation.

Service-Learning across Campuses

Suzanne Cashman and Heather-Lyn Haley led the second and final year of UMass Worcester's contributions to the University-wide "Learn and Serve" grant from the Corporation for National and Community Service. Entitled *Building on the Promise*, the initiative allowed the University's campuses to share ideas and best practices for merging service and learning, while building student leadership, worker education, access to higher education, K-12 school success, and local community organization capacity.

The grant supported student liaisons to run a family mentoring program at the Worcester Refugee Assistance Project and 20 weeks of after-school programming at the Center for Healthy Kids at Great Brook Valley. Martin Luther King Semester of Service student awards were established, funding four student-initiated community service projects (see also page 9).

The program supported a summit for community partners at the Broad Meadow Brook Wildlife Sanctuary in Worcester which was attended by students, faculty, and community partners such as Audio Journal, the North High GEAR-UP program, and the Worcester Department of Public Health.

Service-Academic Partnerships

Common Pathways

Faculty members Suzanne Cashman, Mónica Lowell and Heather–Lyn Haley, with UMass Memorial CEO John O'Brien, are active in Common Pathways, a community health initiative using the broad-based Healthy Communities approach to effect positive change in Worcester. Their faculty roles have included significant contributions to Common Pathway's indicators development project for and with the City of Worcester.

Community-Campus Partnerships for Health

As an Associate Editor for Community-Campus Partnerships for Health's (CCPH) online publication, CES4HEALTH, Suzanne Cashman contributes to this national organization's aim to disseminate products reflecting community engaged scholarship.

Worcester Department of Public Health

An outgrowth of the city manager's Task Force on Public Health, the Indicators Working Group consisted of several representatives from UMMS and UMMHC, including Suzanne Cashman. The group advised and contributed to developing a set of health indicators for the city's health department.

Colleges of Worcester Consortium Community Engagement Committee

Faculty member Heather-Lyn Haley is an active member of the Consortium's Community Engagement Committee, allowing better coordination of service learning opportunities across all area colleges and recognition of the contributions of UMass students to such efforts as the Center for Healthy Kids and the Worcester Refugee Assistance Project. This year, MD/PhD student Jennifer MacDonald was recognized for her superb organizational work with the Worcester Free Clinic Coalition.

Relationships with Community Health Centers

The Department has strong affiliations with four federally qualified Community Health Centers, with many faculty providing patient care, teaching and conducting research in these settings. Two-thirds of the residents in the Department's accredited or affiliated residencies now train in these settings, including Community Health Connections-Fitchburg, Family Health Center of Worcester and the Greater Lawrence Family Health Center. A 2004 study of alumni revealed that graduates of the Worcester residency who trained at a Community Health Center were nearly six times more likely to enter practice with an underserved population and four times more likely to still be serving an underserved population (Fam Med 2009;41(6):405-10.). A recent study surveying Massachusetts Community Health Center physicians demonstrated a strong desire of participants to be engaged in teaching medical students and residents (Journal of Health Care for the Poor and Underserved 22 (2011): 817–835.)

The Department, in collaboration with Commonwealth Medicine, also enjoys a close working relationship with the Massachusetts League of Community Health Centers, the primary care association for member CHCs in Massachusetts. Projects over the last year have included:

- A program to provide advanced communication skills training to CHC clinicians as adjunct training to the Massachusetts Patient Centered Medical Home Initiative. The curriculum was modeled on a similar 2008 training program conducted with CHC clinicians; the evaluation of that project has been accepted for publication (Sullivan MF, Ferguson WJ, Haley HL, Philbin M, Kedian T, Sullivan K and Quirk M. Expert communication training for providers in community health centers. J Health Care Poor Underserved, 2011. (in press).
- A survey of Massachusetts Community Health Center physicians to better understand recruitment and retention challenges at the centers was completed in conjunction with MassAHEC Network and the Commonwealth Medicine Center for Health Policy and Research (Savageau JA, Ferguson WJ, Bohlke JL, Cragin LJ and O'Connell E. Recruitment and retention of primary care physicians at community health centers: A survey of Massachusetts physicians. Journal of Health Care for the Poor and Underserved 22 (2011): 817–835.)

Commonwealth Medicine

Under the leadership of University Deputy Chancellor Tom Manning, Commonwealth Medicine (CWM) strives to apply knowledge to improve health outcomes for those served by public health and human service programs. Commonwealth Medicine works to assist state agencies to improve their healthcare policies and services by applying the resources of the

Medical School through innovative consulting and service models. CWM provides expertise in health care policy, evaluation, and quality improvement to help public sector healthcare initiatives optimize their efficiency and effectiveness. Department Chair Dan Lasser serves as Associate Dean for Commonwealth Medicine and Warren Ferguson serves as an academic liaison to CWM.

Several Centers and Offices from Commonwealth Medicine have had longstanding affiliations with the Department and share leadership and faculty appointments in the Department. These include the Center for Health Policy and Research, the Massachusetts Area Health Education Center (MassAHEC) Network program, the Office for Community Programs (OCP), the Center for Developmental Disability Evaluation and Research (CDDER), the Center for Health Law and Economics (CHLE), and Health and Criminal Justice Programs.

The Center for Health Policy and Research (CHPR) promotes and conducts applied research, evaluation, and education aimed at informing policy decisions that improve the health and well-being of people served by public agencies. Research activities focus on Medicaid policy, healthcare quality, behavioral health, end of life care, TB screening and diagnosis, and health services research. Twenty Department faculty members are employed full-time or contracted from the Department to work at the Center. These include Teresa Anderson, Robert Baldor, Jeff Baxter, Linda Long-Bellil, Alexandra Bonardi, Robin Clark, Linda Cragin, Donna Gallagher, Lee Hargraves, Jay Himmelstein, Ann Lawthers, Monika Mitra, Lisa Morris, Zi Zhang, Wen-Chieh Lin, Lisa Morris, Judy Savageau, Steve Staugaitis, Judith Steinberg, and Michael Tutty.

Over the course of the year, Department faculty members based at CHPR have collaborated with faculty across the medical school on projects related to health care services and have developed a number of joint research grant proposals. Department faculty members in CHPR have successfully raised more than \$50,529,430 million in grant awards, including:

- Jay Himmelstein receiving \$35,591,333 in FY 2011 funding for the New England States Collaborative for Insurance Exchange Systems (NESCIES) grant.
- Linda Cragin received \$1,189,272 for continuation funding from the Health Resources and Services Administration of the US Department of Health and Human Services for the MassAHEC Network for 2010-2011.
- Robin Clark received an RO1 for his Cost, Benefit & Regulation of Buprenorphine Treatment for Medicaid Beneficiaries grant from NIH.

Academic accomplishments for FMCH faculty working with CHPR in FY 2011 include, but are not limited to over 10 peer-reviewed journal articles, and 15 technical reports.

The Massachusetts Area Health Education Center Network (MassAHEC Network) inspires, trains, recruits and retains a diverse and broad range of health professionals to practice in communities where the need is greatest. The MassAHEC Network serves the state's vulnerable populations at the community level through six regional centers. MassAHEC is the state's leading trainer of medical interpreters and community health workers, provides consultation and editing in health literacy and translates health related documents and provides continuing education programs to 5,000 health professionals annually.

MassAHEC staff support Rural Health Scholars and the summer assistantship program, serve on the Preventive Medicine Residency Advisory Board and Community Health Steering Committee and administratively support the Department's "Thursday Morning Memo," a weekly essay. MassAHEC also partners with the Massachusetts League of Community Health Centers on a HRSA-funded SEARCH (Students/Residents Experiences and Rotations in Community Health) training grant which provides clinical training rotations for 32 health professions students in Community Health Centers including UMass medical and graduate nursing students.

Each year, the AHEC Centers co-lead several population health clerkships for medical students and graduate nursing students. Those under development include:

- Latinos Living with HIV: Northern MA-Merrimack Valley AHEC; and Southern MA- Lisa Morris, MassAHEC Director of Cross Cultural Initiatives
- MOLST- Medical Orders for Life Sustaining Treatment – Central MA AHEC and Commonwealth Medicine
- Elders in Worcester/MassAHEC Network

- Ghanaian Women's Health – Infant Mortality in Worcester- Shelly Yarnie
- Gay, Lesbian, Bisexual and Transgender Health/AHEC of Southeast Massachusetts

Health Occupations Students of America (HOSA) is MassAHEC's latest program to reach high school and community college students and encourage them to consider health care careers. This national program is modeled after programs such as Future Farmers of America. 60% of the students represent minority or educationally disadvantaged groups. The Barre Family Health Center is partnering with Quabbin Regional High School's new HOSA chapter and offering tours and other learning opportunities.

The second annual MassAHEC HOSA State Leadership Conference was held in May at the medical school. Warren Ferguson, MassAHEC medical director, was again master of ceremonies and a judge in the health knowledge competitions. Sara Shields assisted the youth with taking vital signs, Heather-Lynn Haley, Judy Savageau, Jeanette Cloutier (a family medicine physician in Northboro) and Alexandra Bonardi also served as judges and Ejiroghene Onos and Jennifer Fantasia (4th and 1st year medical students) participated in the *Speed Dating with Health Professionals* event.

Examples of Department faculty and residents who have contributed to MassAHEC and other pipeline activities include:

- Kosta Deligiannidis mentored potential medical school applicants from the community
- Residency Directors Joe Gravel (Greater Lawrence) and Stacy Potts (Worcester) serve on the Host Committee for the 2011 Family Medicine Education Consortium Annual Meeting, which will bring 250+ medical students to Danvers in October to encourage medical students to seriously consider Family Medicine as a career. MassAHEC is recruiting other agencies and providers to also attend.
- GLFHC's residents continue to mentor high school students in Merrimack Valley AHEC's youth health careers exploration program.
- Kate Atkinson and her colleagues at Atkinson Family Practice in Amherst open their practice to students. Interns from the local high school work in the office and shadow, and premed students from UMass Amherst are hired as scribes and scanners, including Meg Preissler who will be starting at UMass Medical Fall 2011, and students have gone to PA programs, pharmacy doctoral programs and other medical schools.
- Suzanne Cashman and Linda Cragin work on the University's new baccalaureate-to-MD program, designed to identify a cadre of highly qualified diverse undergraduates, eligible for assured admission to UMMS.
- Judy Savageau and Heather-Lyn Haley were judges at the Massachusetts State Science Fair for middle school and high school students; Judy also spoke at local high school 'career day' activities.
- Stefan Topolski spoke at Mohawk High School and Greenfield High School, both in Franklin County, about training, living and working as a Family Physician. He also welcomed premedical students from Chicago and Brandeis to shadow/mentor at Trailside Health in Shelburne Falls.

The Office of Community Programs: Michael Tutty serves as the Director for Commonwealth Medicine's Office of Community Programs (OCP), which builds partnerships among diverse groups that share the goal of improving health care to the state's most vulnerable citizens at the community level, and bridges the gap between academic research and its application in real-world, community-based settings. OCP is collaborating with the Massachusetts Executive Office of Health and Human Services and the Massachusetts Health Insurance Connector Authority to develop an online "health care exchange," a resource through which consumers and small business owners can efficiently shop for health insurance plans through a \$35.6 million grant from the U.S. Department of Health and Human Services (Jay Himmelstein, Principal Investigator).

The Center for Health Law & Economics (CHLE), directed by faculty member Jean Sullivan, provides both internal advice and analysis to Commonwealth Medicine's business lines and external expertise, consultative services, policy development and solutions for CWM's public sector clients. Policymakers' efforts to reform and improve health care depend upon comprehensive knowledge of state and federal laws and health care cost drivers, as well as creative and cost effective approaches to program design and financing. CHLE's areas of expertise include Medicaid and CHIP policy and practice, health reform at the state and federal level, coverage and access issues, right-to-benefits advocacy for vulnerable populations, medical debt, payment reform efforts, and the economic impact of reform initiatives. CHLE produces policy briefs, conference presentations, lectures, and articles.

The past year included new work on health reform initiatives in Massachusetts and other New England states. Areas of

focus included partnering with the state on program reforms to improve the healthcare and delivery systems for elders and people with disabilities, including “Money Follow the Person” grants and leading CWM-wide project support for building integrated care and financing systems for dual eligible populations; providing utilization data analysis to support varied health reform initiatives; providing legal and policy analysis for the Governor’s Cost Containment and Payment Reform Legislation; and facilitating stakeholder groups important to the Administration’s efforts to bring Accountable Care Organizations and aligned payment methods to MassHealth purchasing. In the Fall of 2010, the Governor’s Long Term Care Financing Advisory Committee issued its Report: “Securing the Future”, written and researched by CHLE associates. This past year, CHLE associates were awarded grants and contracts to work on various aspects of health system reform efforts in New Hampshire, Maine and Connecticut.

The Center for Developmental Disability Evaluation and Research (CDDER): Vice Chair Bob Baldor serves as Medical Director to the Center for Developmental Disabilities Evaluation and Research, based at the Eunice Kennedy Shriver Center in Waltham. The Center focuses on health care for individuals with intellectual disabilities. Under the direction of Alexandra (Alixé) Bonardi, CDDER provides expert consultation and assistance to the Massachusetts Department of Developmental Services and other agencies that support people with developmental disability. Consultations include assisting with a variety of projects, from preparation of annual mortality reports to developing analyses of pharmaceutical use in this underserved population.

Health and Criminal Justice Programs: On any given day, one of a hundred adults are incarcerated in the United States, which also has the distinction of the highest prevalence of incarceration in the world, with a substantial overrepresentation of underrepresented minority persons. Warren Ferguson serves as Director of Academic Programs within UMass Health and Criminal Justice Programs, which provides all medical care in the state’s correctional facilities and coordinates secondary and tertiary care for the Devens Federal Medical Center in Shirley. Accomplishments in the past year included:

- The Academic and Health Policy Conference on Correctional Health was awarded a 4 year NIH-R13 Scientific Meeting Grant from the National Institute of Drug Abuse. Warren Ferguson is Principal Investigator and served as Co-Director of the fourth annual conference held in Boston in March. Over two hundred attendees representing 6 countries, 33 states and 56 academic institutions participated in the conference.
- Formal electives for fourth year medical students within the prison system were approved and several students have chosen to participate in this experience. Additionally, several students completing their ambulatory medicine block during the Medicine Clerkship have chosen the prison health care system for this experience. The Community Health Clerkship in correctional health completed its tenth year for both medical and graduate nursing students.

Special Projects Related to Community Health

Service on Diversity Committees: Warren Ferguson received the inaugural Chancellor’s Award for Advancing Institutional Excellence in Diversity at the school’s Martin Luther King celebration in January. He also finished his two year term as co-chair of the Council for Equal Opportunity in the medical school and continued to serve on the Diversity Advisory Board at UMass Memorial. Several members of the Department also contributed diversity service to the institution.

- Emily Ferrara served on the Executive Committee of the CEOD and on the GLBT Quality Improvement Committee at UMassMemorial.
- Heather-Lyn Haley served as a member of the CEOD and on the Civility Committee, and is the founding Director of the Martin Luther King, Jr. Semester of Service Student Award program
- Shellie Yarnie from MassAHEC Network serves on the Council, the Civility Committee and on the Executive Committee
- Linda Cragin, Philip DeChavez and Warren Ferguson serve as members of the Minority Academic Achievement Committee of the CEOD.

Focus on Healthy Communities: The East Quabbin Alliance (EQUAL) is a community health coalition based in Barre and serving adjoining towns. It was developed by a community coalition which included faculty and residents from the Barre Family Health Center, and it complements the educational experiences of students and residents at the health center. Its recent activities include a composting and organic gardening program which annually diverts three tons of high school cafeteria waste from the landfill, and stipends to support student-interns with the

program. EQUAL (in collaboration with the North Central Prevention Consortium) is a sponsoring organization for the Community Action Team at Quabbin Regional Middle School to address alcohol problems among young people. In 2010, EQUAL reissued the "Favorite Walking Routes in Barre and Surrounding Towns" as part of efforts to promote healthy living in the area.



EXPERT'S CORNER: Can health reform law mandate insurance?

Federal rulings won't affect Massachusetts health reform, according to Sullivan

By Jim Fessenden

UMass Medical School Communications

Despite recent legal challenges to the Affordable Care Act, the final decision on the fate of the federal health reform law will eventually be made by the U.S. Supreme Court, according to health care reform expert Jean C. Sullivan, JD, director of the Center for Health Law and Economics and an instructor in family medicine & community health.

“There are now four federal district court decisions ruling on the constitutionality of the Patient Protection and Affordable Care Act, the federal health reform law commonly known as the Affordable Care Act,” said Sullivan, and two of the decisions are in conflict with the other two.

The rulings, according to Sullivan, hinge on the Commerce Clause in the U.S. Constitution, which gives Congress the power to regulate commerce between states, and may answer the question of whether the government can require people to purchase health insurance.

“A recent ruling in one of the federal district courts in Florida is the second one, along with a federal district court in Virginia, to interpret the Commerce Clause of the U.S. Constitution and find that the law’s insurance mandate is not a constitutional exercise of power under the Commerce Clause,” explained Sullivan. “At the same time, two other federal rulings, one by a federal district court in Michigan and the other, interestingly, by a different district court in Virginia, uphold the law as valid under the Commerce Clause of the Constitution.”

“So, it’s two for and two against,” said Sullivan. “In the end, the final decision on the fate of the federal health reform law will be made by the U.S. Supreme Court, once appeals make their way to that level.”

Because these legal challenges are based on the federal government’s power to regulate commerce between states, they don’t extend to Massachusetts’ own health reform, according to Sullivan. “Massachusetts’ health reform is a state law and affects only Massachusetts and its residents,” she said. “The Commerce Clause of the U.S. Constitution defines Congress’ power to regulate interstate commerce, which means it wouldn’t be relevant to a state law.”



Jean C. Sullivan, JD,
Instructor, Department of
Family Medicine and
Community Health

Research and Scholarly Activity

The Department's goal is to ***increase its national recognition for its research focused on health promotion and disease prevention, and innovative approaches to delivering evidence-based practice in primary care, with a particular focus on eliminating socioeconomic and racial health disparities.***

Vice Chair Linda Weinreb provides oversight for research.

The Department continues to expand its focus on scholarship by strengthening its research infrastructure, increasing the participation of its diverse practice sites, and enhancing its collaborations with other academic departments and institutions. The research program is built around a core group of experienced, motivated researchers working on common themes that relate to the Department's mission, including:

- Eliminating health disparities in access and outcomes;
- Managing chronic illness;
- Screening and treatment of behavioral health and addiction problems in primary care; and
- Delivering health promotion and prevention services.

The research investigators' nationally-recognized work adds to the Department's reputation as a leader in Family Medicine and Community Health, and their mentorship of the faculty encourages others to develop their research skills and to participate in research studies. We benefit from close collaborations with key partners, including Commonwealth Medicine, the Meyers Primary Care Institute, and the Department of Quantitative Health Science (DQHS).

A critical focus for the Department is facilitation of research collaboration with community practices and partners in a way that is bidirectional and responsive to community priorities. A growing interest in translational and community-based research is creating an increasing demand from investigators for access to Family Medicine sites. In response, the Department launched a process to work with Department-affiliated practice sites, providing guidelines for conducting research that is collaborative, relevant, and minimizes practice burden.

The Department's Practice-Based Research Network (PBRN) provides an infrastructure and clearinghouse for conducting community-based research. Registered with the Agency for Healthcare Quality and Research, its mission is to facilitate and promote primary care research in member practices to advance knowledge about health and health care relevant to providing its patients with higher quality, safer, more accessible diagnostic, treatment, and preventive services. Under the direction of Roger Luckmann and Barry Saver, the PBRN's steering committee includes member representatives from large and small practices, as well as members at large. Member practices include over a dozen Family Medicine practices, including four federally qualified health centers, four academic/hospital community health centers, three community-based group practices, and several solo physician practices. Member clinicians include family physicians, nurse practitioners and other health professionals. Serving over 35,000 patients, the PBRN represents providers caring for a diverse population of patients across the Commonwealth. Monthly steering committee conference calls provide research updates and ongoing opportunities for members to identify research topics of interest and importance. The PBRN is also initiating a small practice membership recruitment campaign.

The Department's investigators continue to actively conduct funded research during the past year. Newly funded grants were received from NIH as well as other sponsors. The newly awarded grants focus on community-based cancer screening effectiveness. In May, the PBRN launched the pilot phase of a collaborative project with the Department's Fellows in Clinical Health Psychology in Primary Care. The project focuses on enhanced coordination of assessment and treatment of patients with chronic pain. Six practices representing Community Health Center and academic health center sites are participating.

Research Faculty

Faculty with major leadership and administrative responsibilities for research include:

Linda Weinreb, MD, Vice Chair for Research and Professor of Family Medicine and Community Health, is a nationally recognized expert on the health and support needs of homeless families. Dr. Weinreb has extensive expertise in the development, implementation, and evaluation of service interventions that integrate behavioral health and support services with primary health care for homeless and low income housed families. Her epidemiologic and intervention studies with homeless and other vulnerable populations have helped to define the health needs of homeless mothers and children, impacted state and federal policy, and substantially informed clinical practice, program design, and program replication across the country. Dr. Weinreb also has substantial expertise in approaches to integrate mental health care into primary health care settings, having conducted funded research from the National Institute of Mental Health, Substance Abuse and Mental Health Services Administration, and the Robert Wood Johnson Foundation. Her current work is focused on integrating mental health and substance abuse services with primary care for homeless women and families, and other vulnerable groups. Additionally, she continues to conduct epidemiologic studies with homeless families and is completing a Worcester-based study examining factors associated with homeless shelter exit time for families.

Carole Upshur, EdD, Professor of Family Medicine and Community Health and Associate Dean, Graduate School of Biomedical Sciences, has over 30 years of experience as an evaluation and policy researcher in the areas of education, mental health, disability, and health care. She has conducted funded research from the Robert Wood Johnson Foundation, the Agency for Health Care Quality and Research, the Health Services Research Association, and the National Institute of Mental Health in recent years. Most of her current work is focused on managing chronic illness such as depression, diabetes, substance abuse, and chronic pain in primary care. She has expertise in developing training and quality improvement materials for both providers and patients, as well as implementing QI in primary care. She has an ongoing community study on prevention of behavior problems in young children enrolled in preschool programs. She also serves as an academic partner to the New England Clinician's Forum, a primary care Practice Based Research Network (PBRN) consisting of sites in six states providing care to the underserved, as well as to the Health Care for the Homeless PBRN which has 35 sites nationally.

Judy Savageau, MPH, Associate Professor of Family Medicine and Community Health, is an epidemiologist with over 20 years of experience in a variety of investigations of community-based, public health issues. Her particular interests include the identification of factors related to the utilization of health care and compliance with preventive health measures, especially in the fields of adolescent medicine and maternal and child health. The relationship between these outcomes and the development of computerized programs to improve the quality of medical care are a focus for future research endeavors – especially as they relate to medical education and faculty development efforts.

Faculty who devote significant efforts to research include:

Teresa Anderson, PhD, MSW, Instructor of Family Medicine and Community Health, is an Associate Director of the Evaluation and Measurement Unit at the Center for Health Policy and Research (CHPR) at Commonwealth Medicine. Dr. Anderson brings extensive public health experience to her role where she is responsible for projects addressing medication errors in nursing homes, the introduction of a new MassHealth benefit, and the electronic verification of citizenship for program eligibility. Prior to joining CHPR in 2008, Dr. Anderson was Director of the Office of Statistics and Evaluation in the Massachusetts Department of Public Health's (MDPH) Bureau of Substance Abuse Services (BSAS) and Bureau of Community Health Access and Promotion. She sits on several evaluation advisory panels and is part of the Washington Circle Public Sector performance measures group.

Lucy Candib, MD, Professor of Family Medicine and Community Health, has practiced, taught, and conducted research at the Family Health Center of Worcester for over three decades. Within the context of long-term doctor-patient relationships, she has put feminist principles to work in a multicultural setting. Dr. Candib has focused attention on the concerns of women trainees and practitioners, and has lectured widely on the topics of sexual abuse and violence against women. The author of numerous articles, Dr. Candib introduced a feminist critique of medical theory in her book, *Medicine and the Family: A Feminist Perspective*. In 2001, she adopted group visit methodology for working with people with diabetes and continues to conduct groups in English and Spanish. She serves on the steering committee of the WONCA Working Party on Women and Family Medicine.

Suzanne Cashman, ScD, Professor of Family Medicine and Community Health and Director of Community Health, is a health services researcher and evaluator. Her work has included evaluation of the WK Kellogg Foundation supported community-oriented primary care national urban demonstration project, as well as a state-supported initiative to develop and evaluate interprofessional health care delivery teams in Community Health Centers. Her recent work has focused on developing applied

implementation initiatives that use a community-engagement model and strive to use principles of community-based participatory research. She provides evaluation research assistance to the Mass AHEC Network, a Center for Disease Control and Prevention supported Center for Excellence in Eliminating Disparities, and a Health Resources and Services Administration funded oral health case manager project that provides services to HIV positive patients. In addition, Dr. Cashman is an investigator for the school's recently funded prevention research center.

Robin Clark, PhD, Associate Professor of Family Medicine and Community Health, is Senior Director of Research at the Center for Health Policy and Research at Commonwealth Medicine. Dr. Clark specializes in the economic evaluation of health care interventions and policies and has authored more than 60 peer-reviewed articles in that area, primarily related to mental health and substance abuse. His work has been funded by the NIH, the Robert Wood Johnson Foundation, and health and human services agencies across the New England states. He has co-authored or edited four books. Dr. Clark recently completed a 4-year term as a member of the Services Research in Specialty Settings Initial Review Group for the National Institute of Mental Health. His current work focuses on efforts to manage costs and improve the quality and effectiveness of care for individuals with chronic illness, with a particular focus on Medicaid beneficiaries and other underserved populations. Dr. Clark's research includes analyses of treatment patterns and costs for severe mental illness and substance use disorders, the link between substance use disorders and quality of care for various chronic health conditions and the impact of medication assisted treatment on outcomes and costs of treatment for opioid addiction. He serves as a core faculty member in the Clinical and Population Health Research doctoral training program.

Joseph DiFranza, MD, Professor of Family Medicine and Community Health, has conducted research on the topic of tobacco since 1980. Winning numerous scientific and citizen activist awards for his work, including the 2004 "Best Research Paper Award" from the Society of Teachers of Family Medicine, Dr. DiFranza's research includes tobacco addiction, the effects of tobacco advertising, tobacco industry public relations programs, and the effects of environmental tobacco smoke. He has a significant history of funding from the Massachusetts Tobacco Control Program, the Robert Wood Johnson Foundation, the American Cancer Society, the National Cancer Institute and the National Institute of Drug Abuse, and has published over 80 papers in peer-reviewed journals, plus countless other writings and presentations. Dr. DiFranza has been recognized as one of the most influential people in the fight against tobacco during the last 25 years, particularly for his contribution to the efforts to prevent the illegal sale of tobacco to children.

Chyke Doubeni, MD, MPH, Associate Professor of Family Medicine and Community Health, has current research interests focusing on identifying and reducing colorectal cancer health disparities. He has conducted several studies using large data from national surveys, prospective cohort studies, clinical trials and administrative databases and is particularly interested in research on the delivery of effective colorectal cancer prevention and early detection interventions to populations. His work has also involved studies to address some of the methodological challenges of colorectal cancer screening investigations. Dr. Doubeni has received funding from the Robert Wood Johnson Foundation and is funded by the National Cancer Institute to pursue research activities with investigators in the Cancer Research Network, a consortium of geographically dispersed 14 research centers in health care delivery systems.

Mick Godkin, PhD, Professor of Family Medicine and Community Health, Director of the medical school's International Medical Education Program, and Director of the University's Summer Research Fellowship Program, has primary research interest in the field of medical and international education. His work includes evaluation of the impact of international education on cultural competency, attitudes of medical students related to serving multicultural and underserved populations, and career choices of medical students. His work has also included psychosocial aspects of health-related issues, elder abuse, and parenting and adolescent health.

Heather-Lyn Haley, PhD, Assistant Professor of Family Medicine and Community Health, is the project manager for the Department's Community Health initiatives and site coordinator for a multi-campus UMass project, Learn and Serve: Building on the Promise. Her professional and scholarly interests include investigations of the use of student reflection through writing; the role of service learning in higher education, especially within medical school curricula; and the use of oral history techniques to address mental health needs of refugee populations. She is an active participant in the MassCONNECT partnership with the Harvard School of Public Health and Common Pathways, which is supporting her work on a series of community discussions for service providers around refugee mental health needs.

Lee Hargraves, PhD, Associate Professor of Family Medicine and Community Health, focuses his work on patient and consumer assessments of health care and quality of medical care. A recognized expert in developing and using survey methods to assess health care quality from patients' perspectives, his research has contributed to national efforts to document racial and ethnic disparities in health care. His current interests focus on treatment of disparities in health care as an opportunity for improving health care quality.

Jay Himmelstein, MD, MPH, Professor of Family Medicine and Community Health and Internal Medicine, serves as Chief Health Policy Strategist for Commonwealth Medicine's Center for Health Policy and Research (CHPR). His professional career in research, policy development and service is dedicated to improving health care and health outcomes for those served by the public sector. He leads the Disability and Employment Policy Group at CHPR and is the Principal Investigator on the Massachusetts Medicaid Infrastructure and Comprehensive Employment Opportunities Grant (MI-CEO). Dr. Himmelstein leads the Public Sector Health Information Technology Policy Group and has received funding for projects focusing on the role that Medicaid and other human service programs in leveraging investments in health information technology to improve outcomes and contain costs. He is an elected member of the National Academy of Social Insurance, and serves as a Senior Fellow in Health Policy and Research at the University of Chicago National Opinion Research Center (NORC).

Wen-Chieh Lin, PhD, Assistant Professor of Family Medicine and Community Health, is a Senior Project Director at Commonwealth Medicine's Center for Health Policy and Research. His research interests include health care financing and delivery for elderly people, and evaluation of health care policy. He has extensive experience using claims and administrative data in research.

Roger Luckmann, MD, MPH, Associate Professor of Family Medicine and Community Health, has applied his expertise in health services research and medical informatics to studies of the promotion of cancer screening for more than 15 years. With support from NIH, CDC and the Komen Foundation, he and his colleagues have focused on the development and evaluation of innovative, computer-assisted telephone counseling programs for promoting breast and colon cancer screening and for supporting informed decision-making on prostate cancer screening. Dr. Luckmann also has an active interest in chronic pain management in primary care. With funding from the Robert Wood Johnson Foundation, he has worked on the development of a handheld electronic pain diary. A Physician Quality Officer for UMass Memorial Medical Center, Dr. Luckmann is opening research opportunities in quality and patient safety to students, residents and other learners; for example, he is leading the development, implementation, and evaluation of a rapid response system for the hospital that promotes early identification and treatment of hospitalized patients experiencing clinical deterioration.

Monika Mitra, PhD, Assistant Professor of Family Medicine and Community Health and a Research Scientist at the Center for Health Policy and Research at Commonwealth Medicine, conducts research focused on health disparities among people with disabilities and the epidemiology of secondary conditions among persons with disabilities. Most recently she has published on the health issues of women with disabilities during pregnancy and on physical and sexual abuse against men and women with disabilities. Dr. Mitra provides evaluation research assistance to the SAMHSA funded MA Department of Mental Health's transition age youth and young adult systems of care expansion planning grant and to the Massachusetts Rehabilitation Commission's Partnership Plus Advantage program. Prior to joining University of Massachusetts, Dr. Mitra worked as a Senior Epidemiologist in the Office on Health and Disability at the Massachusetts Department of Public Health.

Darlene (Dee) O'Connor, PhD, Associate Professor of Family Medicine and Community Health and Director of the Long Term Care Policy Unit at Commonwealth Medicine, collaborates with the Commonwealth of Massachusetts and other states in strategic planning, applied research, data analysis and consensus-building related to long term supports for people with disabilities. Dr. O'Connor has worked on long term care issues at the local, state and national level for more than 25 years and participates here at UMMS in a number of CMS (Centers for Medicare and Medicaid Services) grants on behalf of the Commonwealth.

Glenn Pransky, MD, MOccH, Associate Professor of Family Medicine and Community Health and Director of the Center for Disability Research at the Liberty Mutual Research Institute for Safety in Hopkinton, MA, has research interests and expertise focused on understanding the effects of health status and medical treatment on ability to work, identifying effective interventions to support employment in persons with various conditions, and workplace interventions to improve health and work ability, with a focus on the aging workforce. His work includes evaluation of the effectiveness of various treatment approaches for work-related conditions in community settings, through administrative data and clinical trials. He also directs investigations of causes and prevention of work-related conditions in special populations of workers, and is currently working on a study on effectiveness of return to work coordination. Dr. Pransky is Chair of the Scientific Section on Work Disability Prevention and Reintegration of the International Commission on Occupational Health, a venue for international exchange of research knowledge in this area.

Mark Quirk, EdD, Professor of Family Medicine and Community Health, focuses his current research on communication and learning, especially in the areas of primary care/ambulatory education. His specific areas of interest include the teacher learner and physician-patient relationships. He is nationally recognized for his contributions to faculty development and medical education. Investigations in the areas of teaching and learning in medical school, medical students and residents, student

evaluation, faculty development, physician communication skills and patient education are among his accomplishments. Dr. Quirk has been involved in numerous research projects in the areas of HIV/AIDS, smoking cessation, and lifestyle change.

Barry Saver, MD, MPH, Associate Professor of Family Medicine and Community Health, has interests that include traditional health services research on issues of access, cost, and quality for disadvantaged populations, and cost-effective interventions for improving care for common conditions encountered in primary care. His work has included access to care and health insurance, racial and ethnic disparities in health care, effects of financial incentives on health care costs, quality, and utilization, use of preventive services, tobacco cessation, childhood asthma, and prescription drug benefits, costs, and utilization. Currently, he is particularly interested in developing and testing interventions that empower patients to take a more active role in managing their health conditions.

William Shaw, PhD, Instructor of Family Medicine and Community Health is a psychologist with research interests in workplace injuries, musculoskeletal rehabilitation and disability. Dr. Shaw's primary appointment is with the Liberty Mutual Research Institute for Safety, Hopkinton, MA, where he is a Principal Scientist in the Center for Disability Research. At the Institute, his research examines risk factors for work disability after injury as well as worksite and clinical interventions for musculoskeletal disorders. His current studies are focused on the experiences of patients with occupational low back pain, workplace factors that can complicate recovery and return-to-work, patient-physician communication of workplace and lifestyle pain concerns, early patient screening and intervention for acute low back pain, and supervisor training programs to improve employer response to workplace injuries. Dr. Shaw's research includes collaboration with a number of employers and occupational health clinics throughout New England to develop improved methods for injury treatment and rehabilitation.

Monthly Departmental Research Forums

The Department hosted monthly research forums where faculty and students presented research in progress, new grant ideas and plans for data analysis. Coordinated by Judy Savageau, the forums provided faculty with feedback and assistance in an effort to bring scholarly projects to completion. Presentations during 2010-11 included:

October 15, 2010

Dean Cleghorn – *“An Overview of Research in Lawrence and the Greater Lawrence Family Health Center”*

November 19, 2010

Suzanne Cashman and Stephenie Lemon – *“The Worcester County Prevention Research Center: Overview and Opportunities”*

December 17, 2010

Alexandra Bonardi – *“Health Surveillance of Adults with Intellectual Disabilities”*

January 21, 2011

William Shaw – *“Managing Chronic Pain in the Workplace: Development of a Group Intervention Program”*

February 18, 2011

Wen-Chieh Lin – *“The Effect of a Telephone-based Disease Management Program on Medical Members with Chronic Conditions”*

March 18, 2011

Dan Mullin – *“Enhanced Health Behavior Change Training for Family Physicians”*

April 16, 2011

Hugh Silk – *“The Thursday Morning Memo - Next Steps for Evaluating this Reflective Writing Initiative”*

June 17, 2011

Linda Weinreb and Carole Upshur – *“Developing a Brief Alcohol Intervention for Homeless Women in an HCH Clinic: Population Risk and Challenges”*

Medical Student Summer Research Fellowships

The medical school offers summer research fellowships to incoming first and second year medical students, coordinated by Mick Godkin. The following first and second year medical students (and faculty preceptors) participated in research projects with Departmental faculty during the summers of 2010 and 2011. These projects were either part of on-going research efforts of the faculty members or newly defined and focused projects to encompass the summer months:

2011 Student/Faculty Projects:

- Oksana Babchenko with Hugh Silk and David Hatem: *Integrating Medical Humanities into the Curriculum*
- Vitaliy Belyshev with Sara Shields, MD, MS: *IUD Quality Evaluation*

- Anna Chin with Katherine Barnard: *The Patient's Story: A Qualitative Study of the Patient's Experience in a Primary Care Medical Home*
- Patrick DeMartino with Christine Clements Stein: *Cape Code Resident Survey to Assess the Prevalence of Household-level Challenges and Associated Needs for and Barriers to Service*

2010 Student/Faculty Projects:

- Leah Biller with Joe DiFranza: *Study of Onset of Nicotine Addiction in Adolescents and Adults*



UMMS physician recognized as one of nation's top scientists

Chyke Doubeni, MD, MPH, receives Presidential Early Career Award for Scientists and Engineers

By Lisa M. Larson
UMass Medical School Communications

September 27, 2011

Chyke Doubeni, MD, MPH, associate professor of family medicine & community health, was recognized this week by President Barack Obama as one of the country's rising scientific stars with a Presidential Early Career Award for Scientists and Engineers.

The Presidential Award is the highest honor bestowed by the U.S. government on outstanding scientists and engineers in the early phases of their independent research careers. Awardees are selected for their pursuit of innovative research at the frontiers of science and technology and their commitment to community service as demonstrated through scientific leadership, public education or community outreach. Granted to a select group each year, the awards are intended to recognize and nurture some of the finest scientists and engineers who, while early in their research careers, show exceptional potential for leadership at the frontiers of scientific knowledge.



Chyke Doubeni, MD

"I am truly honored and feel so fortunate to have been chosen for this award," Dr. Doubeni said. "It certainly means a lot to have our work recognized at the national level. It shows that the government and the National Institutes of Health are supporting the work of my lab as well as UMass Medical School as a whole."

Doubeni joined the UMMS faculty in 2004. His research focuses on identifying and reducing disparities in health care. He has received continuous funding from the National Cancer Institute to pursue research activities on disparities in mortality from colorectal cancer and on evaluating the comparative effectiveness of colorectal screening tests. He works extensively with investigators in the Cancer Research Network through the Meyers Primary Care Institute. He also previously served as interim associate vice provost for diversity at UMMS.

Doubeni completed his residency training in family practice at Duke University before becoming a family physician at a community health center in North Carolina. There, he served as medical director and worked to provide comprehensive primary care to the underserved populations, earning the 2001 Community Service Award in Health and Medicine from the Beta Beta Beta Chapter of the Omega Psi Phi Fraternity at Wilson, N.C.

With the funding support associated with the Presidential Award, Doubeni will examine the effectiveness of screening colonoscopy in reducing death among average-risk adults. Doubeni also recently received an award from the National Cancer Institute in which he will collaborate with investigators at Kaiser Permanente Northern and Southern California, Memorial Sloan Kettering Cancer Center and Erasmus University to optimize the process of screening for colorectal cancer.

"Dr. Doubeni is passionate about his work reducing inequities in access and quality of care and we are fortunate and very proud to have him as a member of our academic community," said Terence R. Flotte, MD, the *Celia and Isaac Haidak Professor of Medicine*, executive deputy chancellor, provost, dean of the School of Medicine and professor of pediatrics.

Doubeni is the third UMass Medical School Presidential Award recipient. In 2005, Neal S. Silverman, PhD, associate professor of medicine and microbiology & physiological systems, was recognized with the award for his research into the mechanisms controlling innate immunity. In 2006, JeanMarie Houghton, MD, PhD, associate professor of medicine and cancer biology, won the award for her work examining the role of stem cells in cancer.

Grants

Listed below are new grants awarded in the past fiscal year, followed by a listing of funded grants in their second or third year of continuation support:

New Research Grants

- Chyke Doubeni received a 5-year, \$928,308 grant from NCI/NIH, PROSPR Research Center: *Optimizing Colonoscopy & Fecal Immunochemical Tests for Community-Based Screening*. The aim of this project is to create a research Center with a comprehensive prospective registry that can evaluate the entire colorectal cancer screening process on over 2 million eligible persons residing in urban, suburban and semi-rural areas. He serves as co-Principal Investigator and co-Director of this large research Center based in Kaiser Permanente, California.
- Chyke Doubeni also secured a new two year, \$340,778, Minority supplement to his Effectiveness of Screening Colonoscopy in Reducing Death from CRC grant from NCI/NIH.

New Education & Training Grants

- Tracy Kedian, Lisa Gussak and Judy Savageau were awarded an STFM Group Project Fund grant to investigate current practices in the assessment of new intern's clinical skills. They will conduct a national survey and report on the current state of early assessment with a goal of assisting the preparation of new interns for their roles.
- Joining with the Worcester Refugee Assistance Project and Common Pathways, Suzanne Cashman, Heather-Lyn Haley, and Meredith Walsh (GSN GEP student) have obtained a mini-grant from the Worcester County Prevention Research Center to engage with refugees from Burma in a pilot health promotion and disease prevention initiative. Through the pilot initiative, they will implement and assess the effectiveness of a healthy living curriculum with local refugees from Burma. The work will help expand western providers' understanding of these refugees' views of health and will lay the foundation for additional work focused on measuring the impact of community health education in a refugee community using social network analysis.

Continuation Grants

Research:

- *CONtrolling Disease Using Inexpensive IT Hypertension in Diabetes: CONDUIT-HID (AHRQ) – Barry Saver*
- *Cost, Benefit & Regulation of Buprenorphine Treatment for Medicaid Beneficiaries (NIDA) – Robin Clark and Jeff Baxter*
- *Effectiveness of Screening Colonoscopy in Reducing Deaths from Colorectal Cancer: A Nested Case-Control Study (NCI) – Chyke Doubeni*
- *Medical Home Practice Redesign Project (Managed Care Committee/UMMHC) – Roger Luckmann*
- *Latino Communities in New England (CDC) – Dean Cleghorn and Suzanne Cashman*
- *Brain-Derived Neurotrophic Factor (BDNF) - A Potential Biomarker of Nicotine Withdrawal (Pfizer) – Joe DiFranza*
- *Cancer Screening Effectiveness and Research in Community Based Healthcare (Group Health Cooperative) – Chyke Doubeni*
- *Understanding Racial and Ethical Differences in Survival from Colorectal Cancer (NIH/NCI) – Chyke Doubeni*
- *Implementation of a Mammography Reminder System in a Healthcare Network (CDC) – Roger Luckmann*
- *Promoting Breast Cancer Screening in Non-Adherent Women (NIH/NCI) – Roger Luckmann and Mary Costanza*
- *A Model for Primary Care Management of Alcohol Use Disorders Among Homeless Women (NIH/NIAAA) – Linda Weinreb and Carole Upshur*
- *Integrated Care Model for Homeless Mothers (NIMH) – Linda Weinreb and Carole Upshur*

Education and Training:

- *Pre-Doctoral Training in Primary Care (HRSA) – Bob Baldor*
- *Affordable Care Act: Primary Care Residency Expansion (UMass Fitchburg) (HRSA) – Bob Baldor*
- *National Training and Technology Assistance Center for Primary and Behavioral Health (National Council for Community Behavioral Healthcare) – Sandy Blount*
- *Graduate Psychology Education Program (HRSA) – Sandy Blount*

- *Residency Training in Primary Care (UMass Fitchburg)* (HRSA) – James Lediwth
- *Residency Training in Primary Care (UMass Worcester)* (HRSA) – Stacy Potts
- *Faculty Development in Primary Care* (HRSA) – Mark Quirk

Publications

Listed below (alphabetically by faculty member name) are publications from the previous 12 months, and those recently accepted for publication:

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Hugh Silk. *Practical Pointers: ICE Breaker for Office Visits*. Consultant 2010;50(10):437.

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Medical Writing

Book Chapters, Letters to the Editor etc

Alan Ehrlich. (column). *Evidence-Based Medicine* in Clinical Advisor Magazine

Hugh Silk. (Letter to the Editor) *The Family Practice Pledge*. Family Medicine 2011;43(2):126-127.

Rebecca Lubelczyk, et. al. *Managing STDs in the Correctional Setting: A Guide for Clinicians*, 2nd Edition, Feb. 2011

Jordan White, N. Bora, H. Peterson, S. Magee. (2009-2011). Gestational Diabetes. In: Ferri's Clinical Advisor, Philadelphia: Elsevier. Various pages are available upon request.

Thursday Morning Memo

27 students, residents, faculty and graduates wrote essays, stories or poems for the Department's Thursday Morning Memo. A weekly electronic publication, the Thursday Morning Memo is an essay, story or poem reflecting on primary care practice and the doctor-patient relationship. a range of topics including home visits, correctional health, international medical missionary trips, and end of life care. The series was initiated by Hugh Silk, who compiles and edits submissions. Contributions included:

Author

Pam Adelstein
Erika Almquist
Katrina Austria
Katharine Barnard
Karen Billmer
Alexander Blount
Patrick Bonavitacola
Katy Brodsky-Quigley
Alisha Carson
Stephanie Carter
Linda Clark
Ciaran Dellaferra
Frank Domino
Warren Ferguson
Chris Garofalo
Shay Herskovitz
Clara Keegan
Anita Kostecki
James Ledwith
Krisitn Mallett
Elizabeth Quinn
Barry Saver
Kerian Service
Hugh Silk

Joe Stenger
Stefan Topolski
Kathryn Wilson

Title

Being Present for People's Stories: Blessings
Home Discoveries
Scars; Photographs
Delivering Rosie
Stepping Up
Pushups with Brett
Breaking Bad News: Two Grandmothers
Embodiment
Reflections from the Medical Student Mom
Missed
Second Chances
Alternate Reality
Being There
An Enduring Relationship in the Medical Home, Home and Health
An Act of Kindness
Learning How to Think for Ourselves
Bad News: A Cautionary Tale
Grace
Sadly Successful
The Delicate Balancing Dance
Que Mundo Pequeno
Spanish is the Healthy Tongue
Becoming Her Doctor
Thankful for Lessons Learned
A Teacher's Reflection
When Patients Share Their Stories, Health May Improve
Pursuing a Better Balance
A Patient's Reflection
Five
It Only Takes One
First Meeting; Helping with a Loss

The 5-Minute Clinical Consult

Frank Domino (Editor), Bob Baldor, Jeremy Golding, Jill Grimes and Julie Scott Taylor serve as Associate Editors of *The 5-Minute Clinical Consult, 2012* Lippincott Williams and Wilkins, Philadelphia. Contributing authors to the text from students, residents, faculty and graduates included:

Author

Ronald Adler
 Robert Baldor
 Robert Baldor and Abdulrazak Abyad
 Dylan Kwait and Robert Baldor
 Kimberly Bombaci and Robert Baldor
 Anna Morin and Robert Baldor
 Kaelen Dunican and Robert Baldor

Katharine Barnard

Tiffany Forti and Marie Caggiano
 Tara Kumaraswami and Marie Caggiano
 Felix Chang

Felix Chang and Jeremy Golding
 Felix Chang and Awais Siddiki
 Felix Chang and Ivan Briones
 Felix Chang and Mouhanad Ayach

Alfonso Tafur and Felix Chang
 William Knaus and Arabinda Chattergee
 Macario Corpuz and Alphonsus Kung
 Macario Corpuz and Pamela Grimaldi
 Carol Curtin and Kellie Sprague
 Konstantinos Deligiannidis and Alexandra Schultes
 Konstantinos Deligiannidis and Stacy Potts
 Laura Sullivan Eurich and Frank Domino
 Michael Barros, Erica Tavares and Frank J. Domino
 Frank J. Domino and Samir Malkani
 Anne Walsh and Frank Domino
 Michelle St. Fleur and Anna Doubeni
 Alan Ehrlich

Alan M. Ehrlich and Robert A. Yood
 Ryan Dono and Erik Garcia
 Nihal Patel and Erik Garcia
 Neil Gilchrist and David Gilchrist
 David Gilchrist and Hugh Silk
 Jeremy Golding
 Jeremy Golding and Patricia Seymour
 Jeremy Golding and Barbara Majeroni
 Charles Strom and Jeremy Golding
 Michele Roberts and Jeremy Golding
 Autumn Davidson and Jeremy Golding
 Faren Williams and Jeremy Golding
 and Julie Scott Taylor
 James Young and Jeremy Golding
 Michele Roberts and Jeremy Golding
 Julie Scott Taylor, Jeremy Golding and
 Kathleen Bryant
 Kristen Kelly and Jeremy Golding

Topic

Granuloma Annulare
 Osteitis Deformans [Paget's Disease of Bone]
 Constipation
 Glucose Intolerance
 Klinefelter Syndrome
 Obsessive Compulsive Disorder [OCD]
 Scabies
 Warts, Plantar
 Graves Disease
 Pruritus Ani
 Pelvic inflammatory Disease [PID]
 Vaginitis and Vaginosis
 Pancreatic Cancer
 Thyroglossal Duct Cyst
 Arteriosclerotic Heart Disease
 Palliative Care
 Incontinence, Fecal
 Pleural Effusion
 Shock, Circulatory
 Thromboangiitis Obliterans
 Claudication
 Autism Spectrum Disorders
 Colonic Polyps
 Thrombotic Thrombocytopenic Purpura
 Hordeolum [Stye]
 Pre-eclampsia and Eclampsia
 Cellulitis
 Erectile Dysfunction
 Vitamin D Deficiency
 Hepatitis C
 Pseudofolliculitis Barbae
 Frostbite
 Rabies
 Trigger Finger
 Alcohol Withdrawal
 Stroke, Acute
 Vitamin Deficiency
 Otitis Media
 Congestive Heart Failure
 Abnormal Pap and Cervical Dysplasia
 Cevicitis, Ectropion and True Erosion
 Carotid Stenosis
 Barotrauma of the Middle Ear, Sinuses and Lung
 Chlamydial Sexually Transmitted Diseases
 Stroke Rehabilitation

Hypercholesterolemia
 Neurofibromatosis [Types 1 and 2]
 Polycystic Ovarian Syndrome [PCOS]

Contraception

Jill Grimes	Giardiasis
Sergio Leon and Jill Grimes	Arthritis,Osteo
Anne Walsh and Jill Grimes	Cirrhosis of the Liver
	Hepatitis B
Kaelen Dunican and Jill Grimes	Headache, Tension
Michele Matthews and Jill Grimes	Ulcerative Colitis
Cheryl Abel and Jill Grimes	Diarrhea, Acute
	Diarrhea, Chronic
Jill Grimes and Linda Hatch	Alzheimer Disease
Evan Horton, Kimberly Pesaturo and Jill Grimes	Tourette Syndrome
Rajneesh Hazarika	Legionnaire's Disease
	Meninogococemia
Manju Ramchandani and Rajneesh Hazarika	Rheumatic Fever
Rajneesh Hazarika and Manju Ramchandani	Tuberculosis, Millary
Matthew Silva and Pablo Hernandez Itriago	Hypoglycemia, Non-Diabetic
Pablo Hernandez Itriago and Matthew Silva	Anemia, Iron Deficiency
Courtney Jarvis and Jeremy Golding	Premenstrual Syndrome [PMS] and Premenstrual Dysphoric Disorder [PMDD]
	Motion Sickness
Courtney Jarvis and Allison Hargreaves	Anxiety
Mary Flynn and Margo Kaplan-Gill	Peripheral Arterial Disease
Zhen Lu	Mastoiditis
Heather Mackey-Fowler	Growth Hormone Deficiency
Lee A. Mancini	Pyelonephritis
Stephen Martin	Hypertension, Secondary and Resistant
George Maxted	Pulmonary Arterial Hypertension
Adriana Cabrera and George Maxted	Smell and Taste Disorders
Beth Mazyck and Daniel Kurtz	Anal Fissure
Michael Rouse (residency graduate)	Pilonidal Disease
	ID Reaction
Stanley Sagov	Hypoglycemia, Non-Diabetic
Matthew Silva, Pablo Hernandez Itriago	Stevens-Johnson Syndrome
	Near Drowning
Mia Sorcinelli	Morton Neuroma [Interdigital Neuroma]
Jake Viegel and J. Herbert Stevenson	Patellofemoral Pain Syndrome
	ACL Injury
J. Herbert Stevenson	Bursitis
	Concussion
	De Quervain Tenosynovitis
	Knee Pain
	Shoulder Pain
	Sprains and Strains
J. Herbert Stevenson and Darius Greenbacher	Sprain, Ankle
	Synovitis Pigmented Villonodular
J. Herbert Stevenson and Jeffrey Manning	Meniscal Injury
	Frozen Shoulder
Hugh Silk, Sheila Stille and Liang Zhao	Gingivitis
Hugh Silk, Sheila Stille and Jason Conforti	Laryngeal Cancer
	Oral Cavity Neoplasms
Hugh Silk, Sheila Stille and Steffani Araya	Laryngitis
Sheila Stille and John Gentile	Dental Infection
	Dental Trauma
Sheila Stille and Hugh Silk	Candidiasis, Mucocutaneous
Sheila Stille and Hugh Silk	Stomatitis
Joan Stachnik and Anthony Valdini	Chronic Fatigue Syndrome
Jake Veigel and J. Herbert Stevenson	Morton Neuroma [Interdigital Neuroma]
	Patellofemoral Pain Syndrome [PFS]
Ramonthea Webster	Diabetes Mellitus, Type 2



Personal stories capture medicine's highs and lows

By Sandra Gray
UMass Medical School Communications

January 07, 2011

"Louise" was coming to the end of her life. The widowed matriarch of a large family left no question that remaining at home was very important to her, even as her health declined with advancing age. Clara Keegan, MD, a former UMMS Worcester Family Medicine resident, wrote about her experience as Louise's primary care physician in a reflective essay entitled "The Rewards of End of Life Care:"

"... the hospice nurse called [to tell] me that Louise was anxious and scared, and had called all of her family to join her at her home. I had not seen her in the office for a couple months. I finished my office work, called my husband to let him know I'd be home a little later than usual, and chose a route home that went by Louise's house.

... Her daughter was shocked when I arrived. She greeted me with a hug and brought me right in . . . [Louise] took a moment to recognize me, then grasped my hand tightly and expressed her fear. I gave what reassurance I could—listened to her heart, checked her pulse, and told her that she did not need to be afraid—that she was where she wanted to be, surrounded by all the people she loved the most.

... Louise died two days later. I was not able to attend the wake but sent a condolence card, thanking her daughter and the rest of the family for listening to Louise's deepest wishes and for helping her to have a peaceful death at home. The week after New Year's, an unexpected tower of boxes of treats arrived at our office. I will treasure the attached card always because of the note within: 'Dear Dr. Keegan, We want to thank you for your lovely card—it meant so much to us. Also for all the caring, compassion, and respect you gave our mother. I don't think you realize the calm that came over us when you came to see Mom. . . . We will always be grateful and have a special place for you in our hearts.'

... I am glad I am a family doctor and can be helpful and therapeutic throughout the life cycle. 'Doctoring' does not always mean intervening, and the times when I do 'nothing' are often the most meaningful."

Dr. Keegan's story is one of dozens collected in the Department of Family Medicine & Community Health's Thursday Morning Memos, a series of reflective essays written by department students, residents and faculty that embraces the concept of narrative medicine.



Associate Professor of Family Medicine & Community Health, Hahnemann Family Medicine Residency Director and Thursday Morning Memos founder Hugh Silk, MD (left) and fourth-year medical student Kara Keating Bench, MPH, are enthusiastic proponents of narrative medicine. Keating Bench was introduced to Thursday Morning Memos during her family medicine rotation at Hahnemann.

(continued)

“The telling of our stories is how we in the medical community make peace with bad outcomes, honor patient relationships and process the meaning in our work,” said Associate Professor of Family Medicine & Community Health Hugh Silk, MD, who originated Thursday Morning Memos in his role as director of education at the UMMS Hahnemann Family Health Center residency program, and compiles and edits all submissions.

Narrative medicine is a practice in which clinicians write reflectively about their encounters with patients. Originally pioneered by Columbia University Professor of Clinical Medicine Rita Charon, MD, who visited UMMS in 2009 for a discussion and signing of her book *Narrative Medicine: Honoring the Stories of Illness*, narrative medicine upends the traditional notion that maintaining emotional distance from patients is what protects caregivers from becoming traumatized by their difficult work. Rather, through introspective writing, health care professionals can better imagine not only what their patients might be experiencing, but also understand, as Dr. Charon writes, “what they themselves endure in the care of the sick.”

Stories written for Thursday Morning Memos are e-mailed weekly to everyone in the department, plus a growing number of others in the UMMS community who have joined the Thursday Morning Memos e-mail ListServ. “Over 18 months in which 64 narratives were written by 49 people, readers and writers alike praised the stories as being ‘inspiring,’ ‘rejuvenating’ and ‘rewarding,’” Dr. Silk and colleagues wrote in a draft journal article about the program.

“We spun the title off of the department’s Monday Morning Memo from the chair, which recognizes academic achievements,” explained Silk. “Our focus is to celebrate clinical as well as academic successes.”

As interest in Thursday Morning Memos has grown, the original ListServ e-mail list has expanded to more than 450 readers, including medical and nursing students, and residents and faculty from other departments. Silk is grateful for logistical support for the expanding initiative provided by the Massachusetts Area Health Education Centers Network, a component of Commonwealth Medicine focused on community-based health care training, which maintains the ListServ and distributes each week’s edition. Further hoping to expand the reach of Thursday Morning Memos, Silk is seeking grant funding to bring the program to other medical schools in collaboration with the Family Medicine Educational Consortium.

“When I have written, I have found that it allows me to take stock of what happened—sometimes including a pause to pat oneself on the back,” said Silk, who considers himself a beneficiary as well as a teacher of narrative medicine. “It has been rewarding to see how this practice is helpful to individuals at all stages of their health care training and careers.”

To read Keegan’s complete essay and a sampling of other Thursday Morning Memos, visit <http://www.umassmed.edu/Content.aspx?id=113484>. Also on this web page is a link to another example of narrative medicine, an essay that was published in the journal *Family Medicine* by Michael Ennis, MD, associate professor of family medicine & community health, in which he writes of an experience—the unexpected death of a 10-month-old baby—that reaffirmed for him the values that led him to a career in family medicine.

Presentations

Listed below are faculty presentations from the past year, starting with major meetings where multiple faculty were invited to present, followed by individual presentations listed alphabetically by the lead presenter's name:

Scientific Assembly of the American Academy of Family Practice, Denver, CO, September 29 – October 2

- **Bob Baldor**
Cardiovascular Risk Reduction: Reducing Known and Emerging CVD Risk Factors (Paper)
Autism Spectrum Disorder (Paper)
- **Frank Domino**
Obesity and Therapeutic Options: Words Work! Using Motivational Interviewing for Weight Loss and Exercise (Paper)
Top 10 Things I Learned this Year: 2010 (Paper)
- **Jill Grimes**
Obesity: Quick and Easy Tools to Help Your Patients Lose Weight and Exercise (Paper)
Dementia and Alzheimer's Disease: Remember This (Paper)

Family Medicine Education Consortium Conference, Hershey, PA, Oct. 29 – Nov. 1, 2010

- **David Gilchrist, Allison Hargreaves, Stacy Potts**
A Family Affair; utilizing Web-Based Case Modules of a Fictional Family as an Innovative Approach (Seminar)
- **Allison Hargreaves**
The Hospital as an Extension of the Patient Centered Medical Home (Seminar)
Managing Patients on Chronic Opiates: Application of a Standardized Approach to One Physician's Practice (Poster)
- **Konstantinos Deligiannidis, Suzanne Cashman, Stacy Potts and Warren Ferguson**
Chart Rounds: An Interdisciplinary Method of Teaching in the Patient-Centered Medical Home: Building an Inpatient Curriculum (Seminar)
- **Sara Shields, Padma Chundru, Hana Karim, et. al.**
Improving Gestational Diabetes Care at a Community Health Center (Poster)
- **Stefan Topolski**
Poetry of Life Presentation: It Only Takes One (Seminar)
The Nature of Virtue in Health Care Reform or Applications of Complexity in Medicine (Discussion Group)
- **Jordan White** (with colleagues)
Successful, Accessible Global Health: Using a Student-Led Medical Mission Trip to the Dominican (Paper)

Massachusetts Academy of Family Physicians Spring Refresher, Leominster, MA, April 1-2, 2011

- **Ron Adler**
Immunization Update
- **Carolyn Augart**
Update on Migraine Headaches
- **Jeff Baxter**
Monitoring Patients on Chronic Opioid Therapy
- **Robert Baldor**
Maintenance of Certification Self-Assessment Module: Coronary Artery Disease
- **Felix Chang**
Antibiotics
- **Sara Shields**
VBAC Update
- **Matthew Silva**
Anticoagulation

Society of Teachers of Family Medicine Annual Spring Conference, New Orleans, LA, April 27 – May 1, 2011

- **Bob Baldor, Phil Fournier, Judy Savageau**
Family Physicians' Care/Referral Patterns for HIV/AIDS Patients (Poster)
- **Jeff Baxter**
Minimizing the Misuse of Opioids in Chronic Pain Treatment: A Case Based Curriculum (Lecture/Discussion)
- **Jeff Baxter, et.al.**
Knowing When to Say When: Transitioning Chronic Pain Patients from Opioid Therapy (Seminar)

- **Lucy Candib, et. al.**
Group on Minority and Multicultural Health Service Project – Mentoring Minority Students (Seminar)
- **Lucy Candib** (with John Frey, Gayle Stephens and David LoxterKamp)
Reading “A Fortunate Man” (Reflection)
- **Stephanie Carter (PGY-3), Jennifer O’Reilly**
Maternal Child Health Education: Redesigning the Resident Experience Through and Online Module-based Curriculum (Poster)
- **Suzanne Cashman, Warren Ferguson, Kosta Deligiannidis, Heather Lyn-Haley, Stacy Potts**
Chart Rounds: An Inter-professional Approach to Teaching Population Health (Work in Progress-Resident Education)
- **Laura Beth Chamberlain, Shirin Madjzoub Celebri, Carlos Cappas, Dean Cleghorn, Kiame Mahaniah, Sarah Diaz, Christine Rooney** (Greater Lawrence Family Medicine Residency)
Teaching Residents and Family Health Center Staff Quality Improvement Using a Multi-disciplinary Clinical Team Model (Lecture/Discussion)
- **Kosta Deligiannidis, Warren Ferguson, Suzanne Cashman, Stacy Potts:** *Chart Rounds: An Interdisciplinary Method of Teaching in the Patient-centered Medical Home* (Roundtable Presentation)
- **Anna Doubeni, Mick Godkin, Warren Ferguson, Jim Ledwith and Stacy Potts**
An Innovative Approach to Global Health Education: The Integration of Public Health and Clinical Medicine (Work in Progress-Global Health)
- **Jeffrey Geller** (Greater Lawrence Family Medicine Residency) et. al.
Establishing and Maintaining Group Medical Visits in Underserved Communities (Seminar)
- **Joseph Gravel, Anthony Valdin, and Stacy Potts:** *Teaching Health Centers: Opportunity is Knocking* (Roundtable Presentation)
- **Lisa Gussak, Stacy Potts, Tracy Kedian, Mark Quirk**
Teaching Experiential Learning, Time Management and Study Strategies Within a Foundations Month (Lecture/Discussion)
- **Tracy Kedian**
Did We Get it Right? Evaluating the Effectiveness of Remedial Teaching (Work in Progress-Resident Education)
- **Jim Ledwith, Beth Mazyck, Nic Apostoleris, Raj Hazarika**
Resident Training in Opiate Addiction Therapy: Strategies for Success (Lecture/Discussion)
- **Mary Lindholm and Warren Ferguson**
Can We Create a Medical Home for Limited-English-proficiency Patients? (Lecture/Discussion)
- **Stacy Potts**
Implementation and Development of Learner Portfolios: The Next Important Step in the ACGME Outcomes Project (Lecture/Discussion)
- **Christine Runyan, et. al.**
A Wiki in the Works: Organizing the Basics of Behavioral Science Resources on the STFM Resource Library (Roundtable Presentation)
- **Sara Shields, Allison Hargreaves, Linda Clark, Stephanie Carter, Katharine Barnard, Jennifer O’Reilly, Margo Kaplan-Gill, Erica Holland, Tracy Kedian**
Group Care Facilitation: An Experiential Seminar (Seminar)
- **Awais Siddiki** (PGY-3), Minh Nguyen, Ayach Mouhanad, Katherine Fitzgerald
Resident Training in Opiate Addiction Therapy: A Residency Practice QI Project (Poster)
- **Hugh Silk, et, al.**
From Concept to Conclusion: Bringing Your Project to Fruition through Effective Fundraising and Project Management (Seminar)
- **Hugh Silk, et. al.**
New STFM Smiles for Life Third Edition: How to implement it in Your Program (Seminar)
- **Joe Stenger**
Lessons from Palliative Care: Recognizing and Treating Hypoactive and Hyperactive Delirium (Lecture/Discussion)
- **Jordan White, Sara Shields, et.al.**
Teaching Prenatal Care through Group Visits: Learning From Experience (Work in Progress)

American Public Health Association, Denver, CO, November 6 – 10, 2010

- **Teresa Anderson**
Promoting Safe Medication Administration in Massachusetts Nursing Homes
- **Suzanne Cashman, Lucy Candib, Matt Silva, et al.**
If You Build it, They Will Come: A Partnership Between a Community Health Center and a Local YWCA/YMCA

- **Celeste Lemay and Suzanne Cashman**
Results of Focused Group Interviews with People Living with HIV/AIDS Receiving Dental Case Management (Poster)
- **Linda Long-Belil**
Impact of Unmet Need for Health and Mental Health Care on Employment for Persons with Disabilities
- **Monika Mitra, with colleagues**
Physical Abuse Among Pregnant Women with Disabilities in Massachusetts
Health Inequities and Disability: Addressing an Injustice through Advocacy and Research
- **Judy Savageau**
Recruitment and Retention of Primary Care Providers at Community Health Centers: Consequences of Health Care Reform (Poster)
- **Judy Savageau, A. Ferullo and Hugh Silk**
A National Survey of Oral Health Education in US Allopathic and Osteopathic Schools (Poster)
- **Judy Savageau, with colleagues**
Self-injurious Behaviors in Prisons: A Nationwide Survey of Correctional Mental Health Directors
Visual Impairment and Chronic Disease: A Community Approach to Self-Management for a Population Disproportionately Affected by Diabetes and Eye Disease (Poster)
- **Michael Tutty**
Health Reform Challenges Understanding Low-income Massachusetts Residents who Remain Uninsured
- **Michael Tutty, Warren Ferguson, Mary Lindholm, Lee Hargraves**
Language Services Improvement Collaborative (Poster)
- **Santosh Verma, with colleagues**
Workers' Experience of Slipping in US Limited-service Restaurants (Round Table)
Risk Factors for Slipping in US Limited-service Restaurant Workers

Fourth Annual Commonwealth Medicine Academic Conference on Correctional Health, Quincy, MA – March 10-11, 2011

- Tom Lincoln, **Rebecca Lubelczyk**, Katherine Hsu
Managing STDs in the Correctional Setting: The New Guidelines and a Handbook for Clinicians
- **Tom Groblewski** with colleagues
Telemedicine's Potential: Enhancing Access and Efficiency of Quality Inmate Care: LSH/UMCH Experience
- P. Kirby, **Warren Ferguson, Ann Lawthers**
Post-release Use of MassHealth Services
- **Tom Groblewski** and Janet Fraser Hale
Corrections/Academic Partnership: Innovations for Workforce Development and Quality Outcomes

Society of Teachers in Family Medicine Annual Medical Student Education Conference, Houston, TX, January 20-23, 2011

- **Frank Domino, Mary Lindholm, Mark Quirk and Robert Baldor**
Pivotal Events: The Good and Bad Role Models in Our Practices
- **Tracy Kedian**
Another Valerie Plume Affair: Failure to De-identify a Resident Prevented Presented at Grand Rounds
- **Tracy Kedian, Judy Savageau and Mark Quirk**
Did We Get it Right? Evaluating the Effectiveness of Remedial Teaching
- **Jordan White, Ciaran DellaFera (MSIII), Vincent Miccio (MSIII)**
Accessible, Educational, High Quality Global Health Care: Lessons Learned from a Medical Mission Trip

Mass Academy of Family Physicians Annual Meeting, Leominster, MA, April 9-10, 2010

- **Alan Ehrlich**
Dealing with the Disability Seeking Patient

Individual Presentations:

Ron Adler

- *Diabetes Treatment and Interventions* (AAFP Live!, Orlando, FL)
- *Diabetes: Special Situations and Complications* (AAFP Live!, Orlando, FL)

Ron Adler and Sandy Blount

- *Integrating Behavioral Health Services into Primary Care: Considerations for the Patient-Centered Medical Home* (IHI Annual International Summit on Improving Patient Care in the Office Practice and the Community, Dallas, TX)

Nicholas Apostoleris

- *Co-Occurring Disorders: Toward Better Understanding and Treatment* (Workshop, National Health Care for the Homeless, Waltham, MA)
- *Workplace Environments and Morale* (Workshop, Health Care for Residents of Public Housing National Training Conference, Washington, DC)

Bob Baldor

- *EBM for the Practicing Clinician* (New Hampshire Academy of Family Physicians Annual Meeting, Whitefield, NH))
- *Addressing Traditional and Emerging Cardiovascular Risk Factors* (New Hampshire Academy of Family Physicians Annual Meeting, Whitefield, NH))
- *Skin Cancers: Preventing, Screening and Treating* (AAFP Scientific Assembly Conference, Orlando, FL)
- *Evidence-based Medicine/Interpretation of Research and Test Results: For the Practicing Clinician* (AAFP Scientific Assembly Conference, Orlando, FL)

Jeff Baxter

- *Minimizing Opioid Misuse in Primary Care* (Los Angeles Veteran's Administration Health System)
- *Grand Rounds* (Department of Family Medicine, Santa Monica Hospital)
- *How to Integrate the Use of Medications to Support Addiction Recovery into Drug Court Proceedings* (Panel, Substance Abuse and Mental Health Services Assistance joint Drug Court Enhanced Program)
- *Prescription Drug Abuse in Youth* (Surgeon General's Expert Panel, Washington, DC)
- *Safety in Opioid Prescribing Course* (Mass Board of Registration and the Department of Public Health) Course is available online through Boston University CME at <http://www.opioidprescribing.com/overview>
- *Buprenorphine Education* (SAMHSA's Expert Panelist)

Alexander Blount

- *Integrating Behavioral Health and Primary Care for People Coping with Serious Mental illness: How the Patient-Centered Medical Home Can Bring it Together* (Collaborative Family Healthcare Association Annual Conference)
- *Integrated Primary Care* (New Hampshire Integrated Care Learning Community)
- *Certificate Program in Primary Care Behavioral Health* (SAMHSA/HRSA Conference on Workforce Issues for Integration of Substance Use Services into Primary Care, Washington, DC)

Alexander Blount and Ron Adler

- *Orientation to Collaborative Care for Mental Health Specialists* (Pre-Conference Workshop Collaborative Family Healthcare Association Annual Conference)

Alexander Blount and Miguel Olmedo

- *Integrated Primary Care* (Webinar, SAMHSA/HRSA's Center for Integrated Health Solutions)

Alexander Blount, Tina Runyan and David Gilchrist

- *Integrating Behavioral Health Into Primary Care for Improved Patient Care* (Mass School of Professional Psychology, Mass League of CHCs and MassPro, Boston)

Brad Bley (Sports Medicine Fellow)

- *An Unusual Case of Shoulder Pain in an Ice Hockey Player, A Rare Case of a First Rib Fracture* (Annual Northeast American College of Sports Medicine Meeting, Providence, RI)

Alexandra Bonardi

- *Risk Management in AT: Failure Modes and Effects Analysis to Manage and Anticipate Risks in the Delivery of AT* (NSF Conference, Yeditepe University, Istanbul, Turkey)

Alexandra Bonardi and E. Lauer

- *Operational Definition of Intellectual Disability*. (Health Frontier in Intellectual Disability Conference, Bethesda, MD)

Lucy Candib (co-authors Suzanne Cashman and Matt Silva)

- *Paying for Exercise after Getting it For Free: Impact of Membership Fee on Patient Usage of the YMCA* (Paper, North American Primary Care Research Group)

Suzanne Cashman

- *Developing Learner Assessment Instruments: Why, What and How?* (AAMC Patients and Populations Conference)
- *Facilitator, Annual Paul Ambrose Symposium* (Washington, DC)
- *Optimizing Reflection as a Teaching and Learning Tool in Community-University Partnerships* (Community Campus Partnerships for Health's Annual Meeting, Toronto)

Matilde Castiel et al.

- *Hector Reyes House* (Poster, National Hispanic Medical Association)

Felix Chang

- *Nei Dan Qi Gong, The Internal Elixir Qi Gong* (Complementary and Alternative Medicine Academic Interest Group Meeting)
- *The Standard of Diabetes Care 2011. What's the Evidence?* (Grand Rounds, UMass Memorial HealthAlliance)
- *Energetic Embryology and Anatomy of the Qi: The Root of Acupuncture* (Poster, UMMS 3rd Annual Complementary and Alternative Medicine Expo)

Christine Clements

- *A Community Response: Addressing Suicide and Depression Among Men on Cape Cod* (Panel, MA Department of Public Health Annual Suicide Prevention Conference)

Joe DiFranza

- *Children's Loss of Autonomy Over Smoking: The Global Youth Tobacco Survey* (First Pan Hellenic Conference on Tobacco Control)
- *Preventing Smoking Among Youth* (First Pan Hellenic Conference on Tobacco Control)

Konstantinos Deligiannidis:

- *Weaving Population and Public Health Principles in a Family Medicine Residency via Senior Projects: Results from a Regional Medicine Public Health Center Grantee* (AAMC Patients and Populations Conference)
- *Training Health Professionals for Accountability in Prevention and Population Health* (Association for Prevention Teaching and Research Conference, Washington, DC)

Frank Domino:

- *Using Motivational Interviewing for Weight Loss and Exercise* (Keynote, UMMS/Beth Israel Deaconess Conference, Boston)
- *Substance Abuse and Prevention: Dealing with Drug Seeking Patients* (AAFP Scientific Assembly Conference, Orlando, FL)
- *Top Ten Things I Learned in 2011: Update* (AAFP Scientific Assembly Conference, Orlando, FL)

Chyke Doubeni

- *Citywide Colon Cancer Control Coalition Summit* (New York City)
- *Getting Evidence-Based Practices into Primary Care on the Community Level* (Panelist, Dialogue for Action™ on Colorectal Cancer Screening, Baltimore, MD)
- *Mock NIH Scientific Review Group* (Professional Development Workshop, Cancer Health Disparities Program meeting, Bethesda, MD)
- *A Career in Cancer Research in the HMO, CRN* (47th Regular Meeting of the NCI Board of Scientific Advisors)

Chyke Doubeni with Ann Zauber

- *Focused Clinical Update Session on Colorectal Cancer Screening and Surveillance* (Digestive Disease Week 2011, Chicago)

Michael Ennis

- *The Challenges of Providing Training, Accommodations and Career Guidance to Students with Disabilities* (2011 AAMC Professional Development Conference for Student Affairs and Careers in Medicine, Miami, FL)

Warren Ferguson

- Panelist, National Health Service Corps Community Connections Event

David Gilchrist

- *Fathers Supporting Expectant and New Mothers* (Task Force, Worcester Healthy Start Initiative Community Consortium)

Jill Grimes

- *Dementia and Alzheimer's Disease: Remember This: Practical Tips for Your Dementia Patients* (AAFP Scientific Assembly Conference, Orlando, FL)

Leonard Levin, Suzanne Cashman, Heather-Lyn Haley, Kosta Deligiannidis, Stacy Potts, Judy Nordberg and Warren Ferguson

- *Multi-Disciplinary Experts Supporting Graduate Medical Education through Participation in COMPLETE Chart Rounds* (Poster AAMC Patients and Populations Conference)

Leonard Levin with Judy Nordberg and **Heather-Lyn Haley:**

- *Being There, There and There: Using Research Methodology to Evaluate the Effectiveness of Librarians Embedded in Chart Rounds within a Multi-Center Family Medicine Residency Program* (Paper, Medical Library Association Conference, Minneapolis, MN)

Mary Lindholm

- *Panelist at the Robert Wood Johnson Foundation Aligning Forces for Quality, Equity and Language Improvement Collaborative Keystone Meeting*

Rebecca Lubelczyk

- *Pain Management Workshop* (National Commission on Correctional Health Care)
- *Management of Chronic Pain* (Annual Society of Correctional Physicians)

Mary Costanza, **Roger Luckmann** et al.

- *A Mammography outreach Effort Affecting Women at Risk, Providers and Health Plan* (National Cancer Institute's Conference on Multilevel Interventions in Health Care, Las Vegas, NV)

Roger Luckmann with colleagues

- *Learning from a Model of Multilevel Interactions and Interventions in an Implementation Study* (National Cancer Institute's Conference on Multilevel Interventions in Health Care, Las Vegas, NV)

Gabe Lurvey (Sports Medicine Fellow)

- *A Field Hockey Player with Pelvic Pain, An Unusual Case of a Pelvic Rami Stress Fracture* (Annual Northeast American College of Sports Medicine Meeting, Providence, RI)

Dan Mullin

- *Road Map to Success as a New Behavioral Scientist in a Family Medicine Residency Program* (Panel Discussion, Forum for Behavioral Science in Family Medicine)
- *Motivating Healthy Habits for Parents of Children and Teens with Diabetes* (UMass Memorial Family Diabetes Day)

Dan Mullin and Courtney Jarvis

- *Informing Practice Redesign with the Patient Assessment of Chronic Illness Care in a Diabetes Collaborative*

Dan Mullin, Tina Runyan and Stacy Potts

- *What New Family Physicians Want: Results of a Behavioral Science Survey of Attitudes and Skills* (Forum for Behavioral Science in Family Medicine)

Dan Mullin, Ron Adler

- *A Behavioral Health Clinician's Guide to Helping Practices Prepare for PCMH Recognition* (Collaborative Family Healthcare Association Annual Conference)

Joanne Nicholson, Linda Weinreb, Christine Runyan and Katie Biebel

- *Creating Opportunities for Success: Working with Trauma Survivors in the Shelter Setting* (Family Provider Enrichment Day, Central Mass Housing Alliance, Worcester)

Diana Robillard, Laura Spring, Susan Pasquale and Judy Savageau

- *Identifying Characteristics of Effective Small Group Learning Valued by Medical Students and Facilitators* (Paper, AAMC New England Group on Educational Affairs, Washington, DC)

Susan Pasquale, et al.

- *Educational Quality Assurance (EQA) in the Simulation Center* (Expert Panelist, International Meeting on Simulation in Healthcare)
- *Don't Stop Now! PMPC: A Collaborative Model for Moving Presentations into Publications?* (AAMC Northeast Group on Educational Affairs Annual Retreat)

Michele Pugnaire, Mark Quirk, Melissa Fischer, Janet Hale, Deb DeMarco

- *Critical Thinking* (Millennium Conference, Shapiro Institute/Harvard Medical School)

Jennifer Reidy

- *Anorexia-cachexia Syndrome and the Use of Artificial Nutrition and Hydration at End of Life* (Palliative Medicine's Intensive Board Review Course)
- *Palliative Wound Care* (Palliative Medicine's Intensive Board Review Course)
- *Urgent Conditions: Bowel Obstruction, Spinal Cord Compression, Seizures and Hypercalcemia* (Palliative Medicine's Intensive Board Review Course)
- *Palliative Care and Survival* (UMass Memorial, Grand Rounds, Department of Oncology)
- *Communication Skills* (American Academy of Hospice and Palliative Medicine)

Christine Runyan

- *The Elephant in the Exam Room: Evidence-Based Assessment and Treatment of Trauma and Posttraumatic Stress Disorder in Primary Care* (Collaborative Family Healthcare Association Annual Conference)
- *Chronic Pain and Post-Traumatic Stress Disorder in Primary Care* (Final Project, UMass, OFA, Junior Faculty Development Program)
- *Home from War: Providing Post-Combat Support for Returning Combat Veterans and Their Families* (Pri-Med Atlantic 2011 Conference, Baltimore, MD)

Barry Saver (co-authors were **Lee Hargraves** and Kathleen Mazor)

- *Predicting Diabetic Complications for Patients: Do We Feel Lucky?* (Distinguished Paper, North American Primary Care Research Group)

Hugh Silk

- *Integrating Children's Oral Assessment and Fluoride Varnish in Your Practice* (Keynote Speaker, May 2011)
- *Putting Prevention into Practice: Future Directions* (Forsyth Institute, May 2011)
- *Practical Approaches to Oral Health/Fluoride Varnish Promotion in the Primary Care Setting* (Mass League of Community Health Centers, Medical Directors)
- *Practical Oral Health Tools for Primary Care Practitioners* (New England Rural Oral Health Conference, Nashua, NH)

Hugh Silk, Judy Savageau, A Ferullo

- *A National Survey of Oral Health Education in US Medical and Osteopathic Schools* (Poster at National Oral Health Conference. American Public Health Annual Meeting and Massachusetts Medical Society 5th Annual Research Poster Symposium for Medical Students and Residents)

MK Boucher, Hugh Silk, Judy Savageau, Katharine Barnard, M Flynn

- *Improving Prenatal Education in Health Center: A Pilot Study* (Poster, UMMS Senior Scholars)

D Loxterkamp and Hugh Silk

- *The Hidden Cost of Caring for Others. After Shock – Humanities Perspective in Trauma* (Maine Humanities Council, Washington, DC)

M Deutchman and Hugh Silk

- *Smiles for Life: A National Oral Health Curriculum for Medical Professionals* (National Oral Health Conference)

Sheila Stille

- *Treating Special Needs Patients in Your General Dental Practice* (36th Annual Yankee Dental Congress)

Herb Stevenson

- *Platelet Rich Plasma and Regenerative Therapies in Sports Medicine* (Harvard's Sports Medicine Symposium 2010)
- *Point-Counterpoint, Role of Platelet Rich Plasma in Sports Medicine* (Annual Northeast American College of Sports Medicine Meeting, Providence, RI)

Stefan Topolski

- *Alternative Approaches to ADHD Diagnosis and Treatment Workshops* (Mary Lyon Foundation's 21st Annual Special Education Conference)
- *Understanding Health from a Complex Systems Perspective* (8th International North American Complexity Conference, Boston)
- *The Nature of Virtue in Health Care Reform* (8th International North American Complexity Conference, Boston)
- *Improving the Medical Home through and Understanding of Complex Systems* (8th International North American Complexity Conference, Boston)
- *An Ethnographic Landscape of Clinicians' Understanding of Complex System Principles* (8th International North American Complexity Conference, Boston)
- *Epidemiologic Validation of a Complex Systems Health Model* (8th International North American Complexity Conference, Boston)
- *Pre-existing Complex Systems Concepts Among Complexity Naïve Physician Peers* (8th International North American Complexity Conference, Boston)

Suryadutt Venakat

- *Presence of Proteinuria and 36-Year All-Cause Mortality: The Honolulu Heart Program* (2011 American Geriatrics Society Annual Conference, Maryland)

Linda Weinreb and Debra Rog

- *Exiting Shelter: An Epidemiological Analysis of Barriers and Facilitators for Families* (NYC Department of Homeless Services; Results of the Massachusetts Study)

Linda Weinreb and Carole Upshur

- *Health Care as an Opportunity to Address Multiple Concerns that Affect Housing Stability Among Homeless Families: Summary of Research and Interventions* (Grand Rounds, Center for Homelessness Prevention Studies, Columbia University, NYC)
- *Developing a Brief Alcohol Intervention for Homeless Women in an HCH Clinic: Population Risk and Challenges* (Workshop, 2011 National Healthcare for the Homeless Conference, Washington, DC)

Anthony Valdin

- *Long Term Follow-up of Cancer and Dysplasia After Positive Initial Evaluation of AGC Pap Smears in a Minority Population* (North American Primary Care Research Group)

Anthony Valdin and Carolyn Augart

- *Cancer Diagnosis After Negative AGC Diagnosis: Does Age Matter* (North American Primary Care Research Group)

Media Moments

Nicholas Apostoleris was interviewed by the Worcester telegram and Gazette about Seasonal Affective Disorder <http://www.telegram.com/article/20101106/NEWS/11060328>

Alexander Blount was interviewed for Mental Health Weekly, an on-line newsletter. He provided his thoughts on how integrated care models will require a more active role for care managers.

Dennis M. Dimitri was quoted in an October Worcester Business Journal article commenting on the fee-for-service compensation model and how it contributes to the growing shortage of primary care physicians, www.wbjournal.com/news47598.html.

Dennis M. Dimitri was quoted in an article from American Medical News regarding "Open Access" in May 2011, <http://www.ama-assn.org/amednews/2011/05/16/bisb0516.htm>.

Steve Earls, Ron Adler and Fran Anthes were featured and quoted in a Telegram and Gazette article, *More for Less?: Primary Care trial Rolled Out in Region*, focused on the Patient Centered Medical Home Initiative in Central Massachusetts. Rather than being paid per visit, the new model will see that a doctor gets paid for all or most of the care a patient needs. Dr. Adler pointed out that "It's no longer driven by the more you do, the more you get paid."

Joseph Gravel was quoted in a AAMC Reporter article about the importance of community-based residency training, he explained, "It's important we train our residents to work in all environments where we see health care going on. They will learn more accountability in treating patients, and we have a greater chance to teach them preventive rather than reactive medicine." Read more at https://www.aamc.org/newsroom/reporter/nov10/161758/gme_gets_outpatient_treatment.html

Lee Hargraves was interviewed last October by Robert Lowes of Medscape Medical News about a recent BMJ research paper, entitled, *Patient experience and satisfaction in primary care: secondary analysis using multilevel modeling*. This paper (Salisbury, Wallace, & Montgomery, BMJ, 2010) reported on analysis of patient survey data and the need to ask more about experiences and less about satisfaction.

Raj Hazarika was featured in the May 15 edition of the Fitchburg Sentinel. His commentary was featured on the front page, addressing the primary care shortage and the contributions of the health center and residency to improving access.

Ken Peterson, an NP at Plumley Village Health Services was highlighted in the in the November Massachusetts Health Care Reform Progress Report. He commented on the positive impact of health care reform on patient care.

Plumley Village Health Services offered an innovative community outreach program which was featured in a Telegram and Gazette article last fall. The story described the nutrition-based cooking classes that are run at 34 Laurel Street, Worcester, in a collaboration between the Hunger-Free & Healthy Project and the outreach staff of Plumley Village Health Services. This program is one of several community-based initiatives being coordinated by the outreach staff aimed at improving healthy living in the community, <http://www.telegram.com/article/20101107/NEWS/11070599>

Clinical Services

The Department strives to ***promote and provide innovative, high quality, evidence-based clinical care delivered to diverse communities***. Objectives to achieve the goal focus on recruitment and retention, development of systems to assist Family Physicians to deliver full spectrum care, strategies for practice transformation, and quality initiatives. Ongoing emphasis is given to the importance of teaching within clinical practice settings.

Vice Chair Dennis Dimitri oversees all of the department's clinical activities.

The Department's credentialed physician membership has grown to 145. Approximately 60% are members of the UMass Memorial Medical Group (UMMMG); the majority of the rest are based at Worcester's two Community Health Centers (20%) or in independent practices (18%). The UMMMG members include faculty employed by the Department in Worcester and Fitchburg, as well as those based at Community Medical Group (CMG) sites across Worcester County. The Fitchburg faculty physicians as well as those CMG practices in North Worcester County maintain courtesy staff appointments at UMass Memorial, admitting their patients to UMass Memorial HealthAlliance Hospital in Leominster. There are also 16 members of the affiliate medical staff credentialed in the Department of Family Medicine including nurse practitioners, physician assistants, and clinical psychologists.

Inpatient Care at UMass Memorial Medical Center

Data: In the 2010 fiscal year, the total number of hospital discharges of patients with a Family Physician as their primary source of care was 10,462, including 3,683 (2,390 adults, 47 children, 711 newborns, and 535 obstetrical patients) who were directly managed by our faculty (including our Hospitalists), and 6,779 inpatients who were referred by Family Physicians for care by specialists. This represented a 4% increase from the previous fiscal year. Most of this increase was seen in the number of patients from family physician's practices who were admitted to specialist services, demonstrating continued downstream contributions by family physicians to the fiscal health of the Medical Center. Small declines (<1%) were seen in both OB and newborn care provided directly by family physicians. At the same time there was a small increase (1%) in adult inpatient admissions by family physicians.

The Department manages its own Family Medicine Inpatient Service (FMIS) based on South 6 at the Memorial campus. FMIS serves as home for a large portion of inpatient resident training for the Worcester Family Medicine residency, for first year residents from the Fitchburg Family Medicine residency and for UMass 4th year medical students on their required subinternship.

Inpatient Care at HealthAlliance

The inpatient teaching service at HealthAlliance Hospital in Leominster, which is the primary teaching site for residents in the Fitchburg Family Medicine residency, includes care for adult medicine, ICU, pediatric and OB admissions. Admissions come from Community Health Connections Family Health Center, as well as from community Family Physicians, internists and pediatricians. Felix Chang serves as the Inpatient Service Director.

In FY 2010 Family Physicians were the admitting attending of record for 1,232 patients at HealthAlliance, a total which includes adults, newborns, and obstetrical admissions. These patients represented the Community Health Connections CHC in Fitchburg as well as other community Family Physicians. The faculty at the CHC performed 57 deliveries in the 2010/2011 academic year.

Hospital Medicine (HM) Service

The Family Medicine Hospital Medicine (Hospitalist) service at the Memorial Campus of UMass Memorial Medical Center provided care for 1,510 inpatients in FY 2010, covering the practices of over 60 Family Physicians. The service is based within a combined Hospital Medicine Division that is shared between the Departments of Medicine and Family Medicine. Kimberly Eisenstock served as Associate Chief for the Family Medicine service. The Family Medicine faculty in the last year included Mohammad Alhabbal, Kim Eisenstock, Lisa Gussak, Candace Kim, Patricia Seymour, Saurabh Sharma and Lee Mancini. Staffing changes were marked by the departure of Candace Kim and Lisa Gussak, and the recruitment of Iftikhar Khan.

The team is integrated with the residency's Family Medicine Inpatient Service, providing intensive teaching to residents and medical students. The faculty manages a standardized hospital medicine curriculum for residents on their adult inpatient rotations based on the Core Competencies in Hospital Medicine established by the Society of Hospital Medicine. The Family Medicine Hospitalist faculty are regular contributors in Department and institutional quality programs such as serving on the Core Stroke Committee and participating in "Transitions in Care" initiatives. They provide support services at the Memorial Campus, including the stress portions of nuclear stress tests in an effort to increase service, decrease length of stay and increase patient satisfaction. They are involved in undergraduate education as well through small group leadership of the MSIII didactic curriculum in Family Medicine. The group is working towards becoming proficient in bedside ultrasound and ultrasound-guided procedures through conferences and work in the simulation center. In the coming year the service hopes to offer bedside procedure services for Family Medicine patients as well as precept and train residents in this skill set.

Grand Rounds

The Department's weekly Family Medicine Grand Rounds take place in the Memorial campus amphitheatre, with videoconferencing across a network that includes the Barre Family Health Center, Community Health Connections/ Family Health Center in Fitchburg, the Hahnemann Family Health Center, Family Health Center of Worcester, HealthAlliance Hospital in Leominster, and a conference room at the University Campus. Last year, the Department successfully implemented the capability to webcast Grand Rounds to anyone with internet access, and to archive the webcasts for future asynchronous viewing.

Grand Rounds maintains a focus on evidenced-based topics of general interest tailored to address the needs of the practicing Family Physician, with Prescribed CME credit from the AAFP. Jeremy Golding, with administrative support from Diane Moloney, coordinates the scheduling and selection of Grand Rounds topics.

Practice Transformation Initiatives

The Department continued to emphasize practice reengineering that imbeds the elements of the Patient Centered Medical Home in the fabric of our practices. Building on several years of experience working within chronic disease learning collaboratives (led by Ron Adler in his role as Director of Practice Improvement for the Center for the Advancement of Primary Care (CAPC)), several Department practices moved forward with changes that will allow them to become fully functioning PCMHs. Site-specific reengineering activities include:

The **Hahnemann Family Health Center** participates in a number of quality improvement initiatives sponsored by the CAPC, including collaboratives devoted to diabetes, hypertension and coronary artery disease, as well as a "Transitions of Care" project devoted to the management of patients between the inpatient setting, the Emergency Department, and the office setting. The health center's activity in these areas has included institution of medication refill policies that prompt the ordering of guideline based testing and facilitation of follow-up appointments, and regular registry review for residents as part of their monthly quality improvement educational session. The institution of a daily e-mail sign-out of hospitalized patients to all providers along with a process for ensuring timely follow-up in the health center post hospital discharge was instrumental to the Transitions project.

The health center was one of four sites chosen to participate in a CAPC-sponsored Patient Centered Medical Home "Deep Dive" project, which was initiated in April. A steering committee was established, including Sarah MacDonald, Barbara Foley, Gerry Gleich, and Chris Cernak from the CAPC. Initial work for the project centered on defining accurate

provider patient panels and having our information systems contain accurate information. The health center is working on standardizing processes and work flows to improve specific chronic disease management and preventive care measures. The center is using PDSA cycles to look for alternative ways to organize physician and staff work time, and is studying planned telephone visits and designated telephone time, group visits for diabetes, changes in work flows, patient cycle time, and alternative ways of caring for populations.

Marie Caggiano completed her Quality Scholars pilot project on improving colon cancer screening rates with telephone outreach and the use of a registry. Senior residents worked on quality improvement projects in the health center: Chad Beattie, Monique Beam and Stephanie Czech participated in the colon cancer screening project. Hayley Moak-Blest developed a walking group and demonstrated improved health measures in patients who participated. Thamrah Wright developed a text template in Allscripts for improved scheduling procedures.

A care advising program was begun with telephone outreach to patients identified as needing care coordination. The program was developed by the behavioral health team under the direction of Sandy Blount and Tina Runyan with Stephanie Czech providing the outreach, communication and coordination. The care advising program will be expanded and enriched with the resources from the CAPC in the PCMH Deep Dive.

The **University Campus Family Medicine Service** continues to be supported by the leadership team of Medical Director Michael Reyes, and Marsha Dean and Fran Okulicz, Interim Managers, along with Resource Nurse Susan Maffioli and Office Manager Lauren Fletcher. They are assisted by Unit Secretaries Paula Yockel and Lori Davis.

A new training site for the Department's Post-Doctoral Fellowship in Clinical Health Psychology in Primary Care was established, and Alexa Connell rotated as the first Fellow.

Performance Improvement initiatives in Family Medicine for 2011 included work to pilot and implement a plan for proactive updating of demographic changes for patients at time of check-in. Other PI initiatives include monthly patient satisfaction surveys, a live prescription refill process and a clinic redesign that brought off-unit staff to the central area of the clinic, which improves operations as well as patient and staff satisfaction. A team is working on redesign of physician ordering with a focus on immunizations. Additionally, the clinic examined and revised its reminder system to better track patients lost to follow-up care.

Under the leadership of Phil Fournier, Director of the UMass Student Health Service (SHS) based within the practice, working with SHS Nurse Clinician Amy Mahoney and SHS secretary Lori Davis, a student health website was created and implemented. A new tracking system was implemented to provide better evaluation and monitoring of the immunization status of the 1400 students on the UMass Worcester campus.

The **Barre Family Health Center** was notified in October, 2010 that it was chosen as one of two UMass Memorial sites for a Patient-Centered Medical Home initiative sponsored by the state of Massachusetts. The health center had previously been engaged in a continuous effort to redesign care and this selection has provided the health center with the opportunity to move forward toward the goal of transformation to a fully functioning PCMH in the next three years. Work on this project started in earnest in November, 2010. Building on the positive experience gained from redesigning the process of care for patients with Diabetes, Coronary Artery Disease and Hypertension, the PCMH team has continued to make inroads in the process of care for all of our patients. The Enfield pod with Kosta Deligiannidis, project champion, is functioning as the pilot team where new innovations are refined before being spread to the rest of the practice. Key to the success of this project will be development of accurate empanelment for the practice, right sizing the individual practices and improving our ability to do planned care at every visit. A health center web page was launched in October of 2010 and is available to patients in the waiting area or on line. A Patient Advisory Council is currently being formed to help the practice better understand the needs of patients in the redesign work.

Dan Mullin, our behavioralist, completed the CAPC-sponsored Quality Scholars program and joined the Quality Improvement Team. The center implemented Dose Response, a web-based tool for managing patients on Coumadin. Graduating residents Katie Brodski, Stephanie Carter, Amy Grzysiewicz, and Jenny O'Reilly completed projects which included making the health center more GLBT friendly, improving the prenatal patient information brochures and developing a web-based curriculum for residents on the Maternal Child Health rotation.

The health center completed its application for PCMH recognition by the NCQA in August. The effort was largely successful because of the effort of Sue Begley and greatly enhanced by the assistance of Jeanne McBride.

Center for the Advancement of Primary Care

The UMass Memorial/UMass Medical School Center for the Advancement of Primary Care completed its fourth year. It continued and expanded its work to ensure a robust primary care network serving the needs of the community and supporting community-based research and training.

Dan Lasser served as Senior Vice President for Primary Care, with Barbara Weinstein as Senior Director and Ron Adler as Director of Primary Care Practice Improvement. The Center's Executive Committee includes leadership in Family Medicine (Dennis Dimitri and Alan Chuman), General Pediatrics (Linda Sagor), General Internal Medicine (Julia Andrieni), Community Medical Group (Bill Corbett) and the Geriatrics (Jerry Gurwitz). Jeanne McBride, Quality Improvement Manager, Jason Nigrosh, Practice Improvement Facilitator, Christine Cernak, Practice Improvement Facilitator and Sarika Aggarwal a community internal medical physician worked to identify and spread best practices and quality improvement strategies across primary care practices. Francis Wanjau, Analyst, provided data management for the practice improvement work and developed and maintained databases supporting the Center's activities. The staff of the Center and members of the Executive Committee met during the year with an Advisory Committee representing the practicing primary care community.

Practice improvement work in the form of the Diabetes Collaborative spread to a total of 21 practices, including the Diabetes Center of Excellence, caring for 10,000 diabetic patients. Eleven of the practices extended the collaborative model to the care of 13,000 hypertensive patients and 2,400 coronary artery disease patients.

The collaborative work served as a foundation for the Center to begin transformation of six primary care practices caring for over 30,000 patients into Patient Centered Medical Homes. The Center provided infrastructure, personnel, training and financial support to two practices chosen to participate in the Massachusetts statewide Patient Centered Medical Home initiative (PCMH), the Barre Family Health Center and the Benedict Pediatrics practice, and to four practices chosen to participate in a UMass Memorial-sponsored PCMH "Deep Dive." Within the Department, these practices included the Hahnemann Family Health Center and Plumley Village Health Services, as well as the Hahnemann Internal Medical Group and Nashaway Pediatrics. Ron Adler and Jeanne McBride served as faculty for the PCMH.

The Center supported student activities including: sponsorship of the annual Medical Student Primary Care Dinner; mentorship of three second year medical students; summer internships for three medical students; and communication to newly accepted medical school applicants to welcome them, describe primary care resources available to them and link them with primary care faculty when requested.

Barbara Weinstein, Bill Corbett, Julia Andrieni and Dan Lasser participated in a primary care physician recruitment and retention work group, which produced the first system-wide primary care physician recruitment dashboard.

The CAPC supported the second year of its Quality Scholars program, a joint initiative with the UMass Memorial Department of Quality and Safety. Eleven scholars, including Family Medicine faculty Marie Caggiano, Erik Garcia, Anita Kostecki, Dan Mullin and Mike Reyes graduated from the program. Key leadership and mentorship was provided by Alan Chuman, Jeanne McBride and Judy Savageau. The 2011 program, co-sponsored by the Office of Quality and Patient Safety and the Center for the Advancement of Primary Care, is co-directed by Mitch Gitkind and Judy Savageau. 2011-12 Quality Scholars from the Department include Jen Reidy (Palliative Care), Peter McConarty (Fitchburg) and Ted Shoemaker (Family Health Center of Worcester). For the first time, the Quality Scholars includes faculty participation both from primary care and subspecialties.

CAPC staff coordinated November 1-5 National Primary Care Week activities. Student events included breakfasts and lunches jointly sponsored by CAPC and primary care student interest groups, dissemination of primary care success stories and poster presentations of faculty initiated quality improvement projects. Clinical system activities included daily profiles of primary care physicians, appreciation events for primary care practices in the community and personal telephone calls to practicing physicians from system CEO John O'Brien.

The Center produced *Prime Time Conversations*, a monthly 30-minute web-based broadcast targeted to practicing primary care physicians and their teams. Broadcasts included sessions on managing asthma and diabetes in a primary care practice and tips for maximizing the use of the electronic medical record. *Primary Care News*, a regular on-line publication, was distributed to practicing physicians, residents, medical students and senior leaders.

The Center provided assistance as UMass Memorial Health Care developed its strategic plan, providing analysis to estimate the patient population for the clinical system and helping to develop pay-for-performance metrics.

Family Medicine Morbidity and Mortality Conferences

Monthly Morbidity and Mortality Conferences serve as a forum for in-depth peer review and quality analysis of complicated or difficult clinical issues. The conferences provide a safe environment to disclose and discuss difficult cases among their peers with the goal of improving patient care. Case presentations come from Family Health Centers, maternal-child health, hospitalists, and the inpatient service.

System changes occur because of the M&M process. A recent M&M resulted in a major change in the way the clinical laboratory notifies clinicians about certain lab results, by bringing the various 'stakeholders' together to discuss ways to improve the quality of care delivered to patients.

Presenters included Ama Ahenkorah, Chad Beattie, Lucy Candib, Kylee Eagles, Kimberly Eisenstock, Michael Ennis, Warren Ferguson, Lisa Gussak, Allison Hargreaves, Margo Kaplan-Gill, Anita Kostecki, Kathryn Lee, Dan O'Donnell, Valerie Pietry, Virginia Van Duyne, and Iryna Yeuchyuk.

Experts in 2010-11 included Lucy Candib, Matthew Collins, Kosta Deligiannidis, Kimberly Eisenstock, Allison Hargreaves, Margo Kaplan-Gill, Richard Sacra, Sara Shields, and Patricia Seymour. Other experts from UMMHC included Eric Alper, Trish Pignatauro and LV Rao. Jeremy Golding served as M&M Coordinator and Diane Moloney provided administrative support.

Palliative Care

The Departments of Family Medicine and Internal Medicine jointly support a series of clinical and teaching activities in Palliative Care. Jennifer Reidy was recruited to the Department to join in these efforts, which include the inpatient consult service at Memorial, a resident/medical student/fellow elective in palliative care, and teaching in many venues. She teaches at national and regional conferences, and is a UMass Quality Scholar for 2011-12.

Barre Family Health Center faculty member Joseph Stenger completed faculty training in Palliative Care, under the mentorship of Jennifer Reidy and Internal Medicine faculty Suzana Makowski and Julia Gallagher. He performs consults on both campuses two mornings a week, and coordinates the palliative and end-of-life teaching for the residency, including a lecture series for the Worcester residency's inpatient teaching service and selected workshops.

Addiction Medicine

The faculty continued to grow their clinical work, education and scholarship in the field of addiction medicine.

Clinical Care: Jeff Baxter, James Broadhurst and Melinda Raboin continue to lead the region in providing clinical care to patients with addictions in Central Massachusetts as the medical providers for the Spectrum Health Systems Methadone Maintenance Program network with sites in Worcester, Southbridge, Framingham and Milford. Jeff Baxter is the Medical Director for the adult and adolescent detoxification programs at Community Health Link in Worcester, where he is assisted by Linda Clark. Heidi Shah is the Medical Director for Spectrum's inpatient addiction treatment campus in Westborough. Family physicians at the Family Health Center of Worcester, Hahnemann Family Health Center, Barre Family Health Center, Community Health Connections of Fitchburg and Plumley Village Health Center provide buprenorphine treatment. Jeff Baxter serves as a consultant on addiction issues to the UMass Correctional Health program.

Education: Jeff Baxter continues as a regional leader and resource in the treatment of opioid dependence and in managing opioid pain medications as a longstanding member of the SAMHSA-funded Physician Clinical Support System and faculty for the ongoing series of Safe Opioid Prescribing courses sponsored by the Massachusetts Board of Registration in Medicine. He directed the medical school's first third-year interclerkship on improving safety with opioids during the management of chronic pain (see page 6). Dr. Baxter is also actively involved in curriculum development on minimizing opioid misuse through the NIDA Centers of Excellence in Physician Information program (<http://drugabuse.gov/coe/>).

Research and Scholarship: Robin Clark, Director of Research in Commonwealth Medicine's Center for Health Policy and Research, continues to be a national leader in evaluating the economics of buprenorphine treatment in the state of Massachusetts.

Care for the Homeless

For 20 years, with leadership from Linda Weinreb working in collaboration with Family Health Center of Worcester, a set of comprehensive services has been provided for many of Worcester's homeless and doubled-up families and children. The innovative Homeless Families Program works closely with community partners and integrates behavioral health and family advocacy services with primary care for an average of 150 new families every year. The program has received extensive national recognition for its innovations in care.

Erik Garcia serves as the Medical Director of the Homeless Outreach and Advocacy Project (HOAP). At HOAP, the complex issues surrounding Homelessness are addressed with a team approach, with case management, mental health and medical divisions working together to coordinate care. With recent changes in Homeless services, HOAP has been able to house many chronically homeless adults in Worcester, greatly reducing the chaos inherent in street and shelter homelessness. Dr. Garcia has focused on the treatment of opiate dependence with the addition of a full time substance abuse counselor and a case manager to help patients receiving Suboxone.

In Fitchburg, Community Health Connections/Family Health Center coordinates homeless services for north central Massachusetts through its satellite, ACTION Health Services, a federally qualified Health Care for the Homeless/Public Housing Primary Care project under the leadership of Nicholas Apostoleris. ACTION offers medical, dental, behavioral health, and support services for the most underserved persons in the region.

This year, ACTION Health Services, with support from the Blue Cross Blue Shield Massachusetts Foundation, expanded its street outreach capacity through the addition of a Community Health Worker (CHW) who works in collaboration with a case manager from the area's leading homeless shelter organization. The goal of street outreach is to build trust and familiarity with individuals, introduce services and make connections to primary care. ACTION broadened its service delivery area to the towns of Devens, Ayer, and Shirley. In Devens, the program's mobile medical unit provides services monthly at Transitions, a transitional shelter for female-headed households with children under age 18. The CHW provides services biweekly at Loaves and Fishes, a community food pantry and social service agencies. In April, ACTION opened its new dental service in Winchendon and currently provides preventive services with referrals for restorative care made to CHC's Gardner location.

The UMass Memorial Ronald McDonald Care Mobile

A mobile health vehicle donated by the Ronald McDonald House Charities continues to serve as an access site providing medical and dental services to medically underserved school-age children and their families. The program also connects patients to ongoing care, insurance enrollment and referrals to social support services. Mónica Lowell, Vice President of Community Relations, provides leadership for the project, James Broadhurst serves as Medical Director and Agnieszka Shanahan serves as Dental Director. Dental services, including screening, fluoride varnish and sealants were provided to 2000 students at 16 elementary schools in 2010. The Care Mobile travels to ten regularly neighborhood scheduled sites in Worcester. In addition, the Care Mobile conducts outreach activities by participating at ethnic festivals and neighborhood events.

Professionally Credentialed Department Staff

Benedict Family Medicine Services

Michael Reyes, MD (Medical Director)
 Bob Baldor, MD
 Lindsey Cobbett, MD
 Alexa Connell, PhD
 Joseph DiFranza, MD
 Anna Doubeni, MD
 Chyke Doubeni, MD
 Philip Fournier, MD
 Erik Garcia, MD
 Mary Lindholm, MD
 Roger Luckmann, MD, MPH
 Lynn O'Neal, NP
 Ed Zaccaria, MD

Barre Family Health Center

Stephen Earls, MD (Medical Director)
 Macario Corpuz, MD
 Kosta Deligiannidis, MD
 Pamela Grimaldi, DO
 Allison Hargreaves, MD
 Cynthia Jeremiah, MD
 Steve Martin, MD
 Daniel Mullin, PsyD
 Sam Pickens, MD
 Stacy Potts, MD
 Joseph Stenger, MD
 Kristin Stolarczyk, PA-C

Hahnemann Family Health Center

Gerald Gleich, MD (Medical Director)
 Ronald Adler, MD
 Alexander Blount, EdD
 Marie Caggiano, MD
 Stephanie Carter-Henry, MD
 Joan Dolan, RNC, FNP
 Michael Ennis, MD
 David Gilchrist, MD
 Jeremy Golding, MD
 Kathryn Lee, MD
 Christine Purington, MD
 Eileen Rafferty, RN, MSN
 Christine Runyan, PhD
 Hugh Silk, MD
 J. Herb Stevenson, MD (Director, Sports Medicine)

UMass Memorial/Community Medical Group (CMG)

Holden

Frederic Baker, MD
 Neil Cannon, MD

UMass Memorial/CMG Shrewsbury (Julio Drive)

Mike Burdulis, MD
 Joseph Daigneault, MD
 Ingrid Fuller, MD

Roxanne Latimer, MD

UMass Memorial/CMG Shrewsbury (Main St.)

Danuta Antkowiak, MD
 James Broadhurst, MD
 Atreyi Chakrabarti, MD
 Vasilios Chrisostomidis, MD
 Frank Domino, MD
 Zainab Nawab, MD

UMass Memorial/CMG Sterling

Valerie Moreland, MD
 Jennifer Nohrden, MD
 Xan Schultes, MD

UMass Memorial/CMG Harvard

Thomas Scornavacca, DO

UMass Memorial/CMG Fitchburg

Karla Christo, MD
 Edna MarkAddy, MD
 Deepthi Pandraju, MD
 Bernard Westerling, MD

UMass Memorial/CMG Marlborough

Srilakshmi Anamandala, MD
 Julie Ozaydin, MD

UMass Memorial/CMG Northborough

Kenneth Stillman, MD
 Apeksha Tripathi, MD

UMass Memorial/CMG West Boylston

Larry Meade, DO

Geriatrics

Kristin Foley, DO
 Erika Oleson, DO

Palliative Care

Jennifer Reidy, MD

Hospital Medicine/Memorial Campus

Mohammed Alhabbal, MD
 Kimberly Eisenstock, MD (Acting Chief)
 Iftikhar Khan, MD
 Candace Kim, MD
 Lee Mancini, MD
 Patricia Seymour, MD
 Saurabh Sharma, MD
 Rama Takillapati, MD

Plumley Village

Katharine Barnard, MD (Medical Director)
 Ken Peterson, NP
 Ellen Ruell, PA
 Mary Sullivan, NP

Community Health Connections**Family Health Center**

Beth Mazyck, MD (Medical Director)
 Nicholas Apostoleris, PhD
 Felix Chang, MD
 Susan Davis, NP
 Cheryl Divito, DO
 Mary DiGangi, PA-C
 Rajneesh Hazarika, MD
 Sarah Howard, PA
 James Ledwith, MD
 Sharon Machado, NP
 Peter McConarty, MD
 Ellen Charmaine Pastrano, MD
 Michele Pugnaire, MD
 Katherine Riggert, MD
 J. Herb Stevenson, MD (Director, Sports Medicine)
 Barbara Sullivan, RNCS, FNP
 Kathleen Sweeney, MD
 Stefan Topolski, MD
 Suryadutt Venkat, MD

Community Health Centers**Edward M. Kennedy Community Health Center**

Michele Pici, DO (Medical Director)
 Sailaja Allaparthi, MD
 Elizabeth Dobles, MD
 Gina D'Ottavio, MD
 Willa Kahn, MD
 Anita Kostecki, MD
 Daniel Lasser, MD, MPH
 Daniel O'Donnell, MD, MPH
 Tamara Pascoe, MD
 Manoranjan Singh, MD
 Jennifer Weyler, MD
 Irina Yeuchyk, MD

Family Health Center of Worcester

Jeffrey Baxter, MD
 Phil Bolduc, MD
 Lucy Candib, MD
 Linda Clark, MD
 Matthew Collins, MD
 Warren Ferguson, MD
 Lisa Gussak, MD
 Margo Kaplan-Gill, MD
 Hana Karim, MD
 Tracy Kedian, MD
 Nidhi Lal, MD
 Valerie Pietry, MD
 Melissa Rathmell, MD
 Richard Sacra, MD
 Monisha Sarin, MD
 Barry Saver, MD, MPH
 Sara Shields, MD
 Ted Shoemaker, MD

Lise Tardif, MD
 Linda Weinreb, MD

Greater Gardner Community Health Center

Kim Houde, MD
 Lori DiLorenzo, MD

Independent Family Physicians

Christopher Bechara, MD
 Nancy Berley, MD
 Nancy Berube, MD
 Jeanette Cloutier, MD
 Edlira Duro, MD
 William Foley, DO
 Sunita Godiwala, MD
 Ali H. Goli, MD
 Keith Hilliker, MD
 Heather Mackey-Fowler, MD
 Ronald Maclin, MD
 Lisa Noble, MD
 James Pease, MD
 Raffia Qutab, MD
 Jeffrey Satnick, MD
 Heidi Shah, MD
 Cindy Steinberg, MD
 Robert Tortolani, MD
 Robert Weitzman, MD

Group Practices**295 Lincoln Street**

Dennis Dimitri, MD
 Elizabeth Erban, MD
 Deborah Sullivan, MD

Westboro Family Medicine

Daniel Freitas, MD
 Benjamin Leiberman, MD

Wachusett Family Practice

Janet Abrahamian, MD
 David Rosenfield, MD
 Leonard Waice, DO

Taunton State Hospital

Patricia Bazemore, MD

Center for Health Policy and Research

Jay Himmelstein, MD, MPH

Service

Over the past year, faculty and residents continued to serve in a variety of leadership roles within UMass Memorial, UMass Medical School, and within the local community, as well as regionally and nationally.

Service to UMass Medical School

Leadership:

- Assistant Dean for Academic Achievement: Mark Quirk
- Assistant Dean for Advising: Michael Ennis
- Associate Dean for Allied Health and Inter-professional Education Programs: Michael Kneeland
- Associate Dean (Interim) for Continuing Medical Education: Michael Kneeland
- Associate Dean for Commonwealth Medicine: Dan Lasser
- Associate Dean/Director, PhD Program in Clinical & Population Health Research, Graduate School of Biomedical Science: Carole Upshur
- Course Director, Epidemiology/Biostatistics: Michael Kneeland
- Director for Community-based Education (Office for Medical Education): Bob Baldor
- Learning Communities Co-Director: Michael Ennis
- Senior Associate Dean for Educational Affairs: Michele Pugnaire

Major faculty committees and responsibilities:

- Academic Accommodations Committee: Marilyn Leeds
- Admissions Committee: Linda Clark, Peter McConarty, Xan Schultes
- Admissions Interviewers: Alan Chuman, Suzanne Cashman, Heather-Lyn Haley, Marilyn Leeds
- Baccalaureate-MD Committee: Suzanne Cashman, Elaine Martin
- Clinical and Population Health Research Doctoral Program Faculty Committee: Robin Clark (TRAC Chair), Lee Hargraves (TRAC Chair)
- Community Engagement Committee: Suzanne Cashman, Linda Cragin, Mick Godkin, Heather-Lyn Haley
- Council on Equal Opportunity and Diversity: Emily Ferrara, Warren Ferguson (Co-Chair), Michele Pugnaire, Heather-Lyn Haley, Susan Pasquale
 - Executive Committee, Council on Equal Opportunity and Diversity: Warren Ferguson, Heather-Lyn Haley
 - Civility Sub-Committee: Heather-Lyn Haley
 - GLBTQ Patient Quality Committee: Emily Ferrara
 - Disabilities Committee: Laney Bruner-Canhoto
 - Minority Academic Advancement Committee: Warren Ferguson
- Ethics Committee: Marjorie Clay, Mike Ennis (Co-Chair)
- Executive Council: Dan Lasser, Bob Baldor, Heather-Lyn Haley; Ex-officio members: Michael Kneeland, Elaine Martin, Michele Pugnaire
- Faculty Council: Lee Hargraves, Heather-Lyn Haley (Rules Committee), Bob Baldor; Ex-officio members: Michael Kneeland, Elaine Martin, Michele Pugnaire
- Gay, Lesbian, Bisexual, transgender and Allies 9GLBTA) Committee: Emily Ferrara
- Graduate Council: Carole Upshur
- Humanities in Medicine Committee: Emily Ferrara, Heather-Lyn Haley, Hugh Silk, Elaine Martin
- Learning Contract Advisory Committee: Marilyn Leeds
- Nominations Committee: Heather-Lyn Haley
- Personnel Action Committee: Bob Baldor
- Scientific Council: Barry Saver, Joseph DiFranza (non-voting, co-representative)
- Student Affairs Committee: Phil Fournier
- Student Health Advisory Committee: Phil Fournier
- UMMS Five Campus Baccalaureate-MD Committee: Suzanne Cashman, Linda Cragin

- Women's Faculty Committee: Marilyn Leeds, Elaine Martin (Co-Chair), Susan Pasquale, Carole Upshur, Linda Weinreb, Michele Pugnaire (Ex-officio)
- Women's Leadership Work Group: Carole Upshur

Advising to Student Interest Groups:

- Advisor, Generalist Physician Program: Emily Ferrara

Curriculum oversight and education-related activities:

- Basic Sciences Academic Evaluation Board: Mike Ennis, Mark Quirk, Phil Fournier
- Center for Health Policy and Research Curriculum Committee: Robin Clark
- Clerkship Directors Committee: Frank Domino, Len Levin
- Clinical Sciences Academic Evaluation Board: Frank Domino, Mike Ennis, Mary Lindholm, Mark Quirk
- Clinical Years Committee: Mike Ennis, Bob Baldor, Frank Domino, Phil Fournier, Marilyn Leeds, Len Levin, Michele Pugnaire, Mark Quirk
- Educational Policy Committee: Bob Baldor (Co-Chair), Frank Domino, Mike Ennis; Serving in Ex-officio roles: Michele Pugnaire, Mark Quirk, Marjorie Clay, Susan Pasquale, Emily Ferrara, and Elaine Martin
- First Year Curriculum Committee: Phil Fournier
- Fourth Year Curriculum Committee: Judy Savageau, Mike Ennis
- Library and Learning Resources Committee: Elaine Martin, Susan Pasquale
- LInC Trustees: Bob Baldor
- LCME Self-Study Committee: Suzanne Cashman
- LCME Task Force for Medical Education: Bob Baldor
- MD/PhD Steering Committee: Carole Upshur
- Senior Scholars Committee: Judy Savageau (Program Director)

New curriculum and learning community leadership:

- Determinant of Health Course Curriculum Committee: Suzanne Cashman (Co-Director), Judy Savageau, Carole Upshur
- Clinical and Translational Research Pathway: Carole Upshur (Co-Director)

Research-related:

- Institutional Review Board: Roger Luckmann (Vice Chair), Judy Savageau

Service to UMass entities:

- Medical Director, Statewide AHEC Program: Warren Ferguson
- Board of Directors, Central Massachusetts AHEC: Warren Ferguson, Alan Chuman
- MedMetrix P&T Committee: Alan Ehrlich (Chair)

Service to UMass Memorial Health Care

- Affiliate Practitioner Credentials Committee: James Broadhurst (Chair), Eileen Rafferty
- Ambulatory Backfill Committee: Dennis Dimitri
- Blood Borne Pathogens Committee: Phil Fournier, Mike Ennis
- UMMS Blood Borne Pathogen Review Panel, Mike Ennis (Chair)
- Board of Directors, Community Health Connections: Alan Chuman, Warren Ferguson
- Board of Directors, Meyers Primary Care Institute: Linda Weinreb
- Center for the Advancement of Primary Care: Alan Chuman, Dennis Dimitri, Dan Lasser
- Clinical Performance Council: Dennis Dimitri
- Community Benefits Committee: Mónica Lowell (Chair)
- Continuing Medical Education Advisory Committee: Dennis Dimitri
- Diversity Advisory Board: Warren Ferguson
- Ethics and Treatment Issues Committee: Mike Ennis (Co-Chair)
- Heart Failure Task Force: Jeremy Golding (Co-Chair)
- Managed Care Committee: Dennis Dimitri
- Medical Staff Credentials Committee: Phil Fournier
- Physician Quality Officer: Roger Luckmann, Jeremy Golding

- Senior VP for Primary Care: Dan Lasser
- UMass Memorial Children's Medical Center Council: Mary Lindholm
- UMass Memorial Medical Group Advisory Board: Mary Lindholm
- UMass Depression Center Steering Committee: Linda Weinreb
- UMass Family Medicine Residency Unit Directors Committee: Hugh Silk
- UMass Family Medicine Residency Curriculum Committee: Hugh Silk
- Women's Leadership Work Group: Linda Weinreb, Carole Upshur, Elaine Martin

Several members of our Department were recognized for their many years of service to UMass Memorial Healthcare at the Annual Service Award dinner held in May:

- Lucy Garabedian – 25 years, Personnel Coordinator, Benedict
- Jeremy Golding – 10 years, Hahnemann Family Health Center
- Lisa Gussak – 10 years, Family Health Center of Worcester
- Mary Lindholm – 10 years, Benedict Family Medicine
- Xan Schultes – 20 years, CMG Sterling Family Medicine
- Barbara Sullivan – 10 years, CHC Family Health Center

Local and Regional Service and Leadership

Janet Abrahamian: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Ron Adler:

- Regional Director, Massachusetts Academy of Family Physicians
- Member, Mass. Chapter, American Academy of Pediatrics Immunization Initiative Advisory Committee
- Member, Steering Committee, Massachusetts Patient-Centered Medical Home Initiative

Bob Baldor:

- Member, Governor's Commission on Developmental Disabilities
- Member, The Developmental Disability Statewide Medication Review Committee

James Broadhurst:

- Chair, Worcester District Medical Society's Public Health Committee
- Trustee, Massachusetts Medical Society
- Member, Worcester Cares – Opiate Overdose Project (Worcester DPH)
- Community Immunity Flu Clinic
- School Physician: Seven Hills Charter School, Abby Kelly Foster Charter School, Chestnut Nursery School and Kindergarten
- Board Member, Dismas House, Worcester

Lucy Candib:

- Medical Advisor, Worcester Headstart Program
- Member, Worcester PeaceWorks
- Consultant, Lutheran Refugee Services for medical asylum evaluations
- Coordinator, YWCA/YMCA-Family Health Center Exercise Project

Suzanne Cashman:

- Member, Steering Committee and the Community Indicators Workgroup, subgroups of Common Pathways
- Member, Worcester Public Health Task Force Data Committee
- Member, Albert Schweitzer Fellowship Boston Advisory Board

Atreyi Chakrabarti: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Alan Chuman: Member, Board of Trustees and Treasurer, Jesse Smith Memorial Library, Harrisville, RI

Dean Cleghorn:

- Member, Mayor's Health Task Force (MHTF), Lawrence, MA
- Co-Chair, MHTF Research Initiative Working Group

- Member, Executive Committee, Mayor's Health Task Force
 - Member, Board of Directors, Merrimack Valley Elder Services, Inc.
- Macario Corpuz: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Linda Cragin, Heather-Lyn Haley and Judy Savageau: Judges, 2nd State Leadership Conference for Health Occupations Students of America

Joseph DiFranza: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Dennis Dimitri:

- Vice Chair Board of Trustees, Clark University
- Immediate Past President, Massachusetts Academy of Family Physicians.
- Alternate Delegate, AAFP Congress of Delegates
- Gubernatorial appointee, Massachusetts Healthcare Workforce Advisory Council
- Member, EOHHS Patient Centered Medical Home Initiative Advisory Council
- Chair, Legislative Committee Worcester District Medical Society
- Secretary, Worcester District Medical Society
- Member, MMS House of Delegates
- Member, MMS Committee on Legislation
- Member, MMS Committee on Communication

Michael Ennis: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Elizabeth Erban: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Phil Fournier:

- Board of Directors, Open Door Free Medical Program in Hudson, and a volunteer provider
- Medical Consultant, YMCA Summer Camp

Erik Garcia:

- Medical Director, Worcester Homeless Outreach and Advocacy Project (HOAP)
- Infection Control Officer for Community HealthLink
- Member, Mass Behavioral Partnership Primary Care Committee

Gerry Gleich:

- Medical Director, St. Mary's Health Care
- Chairman, Boylston Board of Health
- Volunteer, Akwaaba Free Clinic

Jeremy Golding:

- Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester
- Member, Massachusetts Disaster Response System

Mick Godkin:

- Member and former President, Westborough Rotary Club
- Member, African Community Education Program

Pamela Grimaldi:

- President, Massachusetts Osteopathic Association (term began August 2010)

Heather-Lyn Haley:

- Member, Colleges of Worcester Consortium Community Engagement Committee
- Member, MA Department of Public Health, Central MA Community Health Network Area – Common Pathways
- Member, Worcester Health Equity Partnership
- Member, Worcester Women's History Project
- Volunteer, Audio Journal Radio Reading Service – Science Journal Program

Allison Hargreaves: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Jay Himmelstein:

- Board Member, Massachusetts State Health Policy Forum
- Board of Directors, The Health Foundation of Central Massachusetts
- Founding Director, Work Without Limits Initiative
- Founding Director, New England Collaborative for Insurance Exchange Systems (NESCIES)
- Member, Legislative Committee, Worcester District Medical Society

James Ledwith: Medical Director, Epworth Clinic, Epworth Methodist Church, Worcester

Mary Lindholm: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Edna MarkAddy: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Elaine Martin:

- Board Member, and immediate past President, Boston Library Consortium
- Member, Daybreak Women's Authors Event Planning Committee, Worcester YWCA

Zainab Nawab: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Susan Pasquale:

- Board of Advisors, College of Arts and Sciences – Division of Sciences, University of Massachusetts-Lowell
- UMass Representative to Colleges of the Worcester Consortium Faculty Development Committee
- Steering Committee, Association of American Medical Colleges Northeast Group on Educational Affairs

Stacy Potts:

- Member and Secretary/Treasurer, Family Medicine Education Consortium (FMEC) Board
- Tri-Chair, Host Committee for 2011 FMEC Annual Meeting
- Co-Chair, STFM Group on Learner Portfolios
- Member, Board of Health, New Braintree
- Member, Quabbin Regional Emergency Health Coalition

Glenn Pransky:

- Member, Clinical Advisory Committee for the Physician Health Program of the Massachusetts Medical Society
- Member, Board of Directors for the Learning Center for Deaf Children and Chair of its Strategic Planning Committee
- Member, Board of Directors of the New England College of Occupational Medicine

Christine Purington: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Judy Savageau:

- Board of Trustees, MAB Community Services, Inc. (Massachusetts Association for the Blind)
- Member (Governor-appointed), Massachusetts Commission for the Blind's Vocational Rehabilitation Council
- Editor, Baystate Council of the Blind Quarterly Newsletter
- Volunteer, Worcester County Food Bank

Patricia Seymour: Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Hugh Silk, Stacy Temple, Krithika Baskaran, Amy Li, Tim Gleeson (MS I) and Robin Klar: Volunteers, Teddy Bear Clinic, hosting a booth on oral health promotion

Hugh Silk:

- Member, Prevention Committee for the Better Oral Health Massachusetts Coalition
- Member, Worcester District Medical Society's Public Health Committee
- Harvard Village Nursery School Medical Advisor

- Member, Massachusetts Early Childhood Oral Health Consortium
- Member, Massachusetts Oral Health Advocacy Task Force
- Volunteer, Epworth Clinic, Epworth Methodist Church, Worcester

Christine Clements Stein:

- Member, Cape Cod Hunger Network
- Member, Cape Islands Suicide Prevention Coalition
- Member, Massachusetts Coalition for Suicide Prevention
- Member, Department of Public Health, Division of Prevention and Wellness, Community Linkages Work Group

Joseph Stenger:

- Member, East Quabbin Alliance (EQUAL) Steering Committee
- Moderator and member, Outreach Committee, Oakham Congregational Church
- Member, Board of Directors for the Brookfield Institute, a non-profit community development and renewal organization
- Medical Liaison, Stetson School, Barre, MA

Carole Upshur:

- Member, Advisory Committee on Early Childhood Assessment, Massachusetts Department of Early Education and Care
- Member, Massachusetts Medicaid Advisory Committee

Linda Weinreb:

- Leadership Council of Worcester Regional Network – MA Interagency Council on Housing and Homelessness
- Worcester Area Coalition for Homeless Families
- Worcester County Continuum of Care

Annual Holiday Giving Serving the Worcester/Fitchburg Communities

Worcester County Food Bank: Coordinated by Judy Savageau and 2nd year medical student Bree Huning, 14 first and second year medical students from the Kelly House Learning Community mentored by Phil Fournier donated a November Friday afternoon to fill nearly 400 turkey baskets for families in downtown Worcester who get groceries through St. Paul Cathedral's food pantry (an outreach food pantry of the Worcester County Food Bank serving in excess of 500-600 families each month). These turkey baskets fed over 1200 family members last Thanksgiving. Phil Fournier works to help identify community service projects for students to participate in that meet the many and varied needs of our patients and Judy Savageau volunteers regularly at the Food Pantry.

Holiday Basket Program: For more than 15 years, the Department has sponsored a 'holiday basket' project, putting together toiletry baskets for mothers who live in shelters in and around Worcester. This past year, thanks to the work of Judy Savageau, Linda Hollis and Departmental retiree Laura Dutkiewicz, cash and toiletry donations were collected to fill 250 baskets (up 10% from the previous year!). \$2800 was collected from the Department and from others in the UMass community to make the project a huge success. Assistance with collecting donations and delivering baskets to the 10-12 shelters was coordinated by second year medical students in the Family Medicine Interest Group including Rachel Cannon, Michelle McCreary, Matt Zanghi and Sara Weiner.

Coats for Kids: In conjunction with the Worcester Public Schools and the Junior League of Worcester, Department faculty and staff raised money to outfit preschool and elementary school children with new coats, hats and mittens as part of this annual campaign. Over \$1500 was raised by donations from 35 individuals and 43 pre-school and school-aged children were provided with new winter attire to help them keep warm during the cold New England winter season. Judy Savageau has organized this effort for the past nine years.

Thanksgiving Dinner: ACTION Health Services, the Health Care for the Homeless health center administered by Community Health Connections, put on their 3rd Annual Thanksgiving dinner for homeless and low income residents. Over 120 persons were served with over 70 people volunteering their time and efforts. ACTION staff were joined by other CHC staff, by the Chief and members of the Fitchburg Police Department, and by volunteers from other social service agencies and educational institutions.

National Homeless Persons' Memorial Day: In observance of this Day, ACTION Health Services held a Winter

Weather Gear Drive in Fitchburg. ACTION staff collected donations for distribution to those facing a winter without secure housing, including blankets, boots, hats, gloves and mittens, jackets, socks, long underwear, sweaters, snow pants, and duffle bags.

Community Gardens

- The Barre Family Health Center hosted a vegetable garden supplying fresh food for patients. The group effort was spearheaded by second year resident, Marco Cornelio and was part of efforts to enhance optimal eating habits in the community.
- A new Community Garden has been successfully planted and is bearing vegetables and good will at Plumley Village East. The garden is a joint project with the residents of Plumley Village East, Worcester Roots – Youth in Charge, Plumley Village Women’s Group, UMassMemorial Community Relations, The Community Builders, Inc., and Plumley Village Health Services.

National and International Service and Leadership

Nicholas Apostoleris:

- Board Member, National Healthcare for the Homeless Council
- Chair, Education Committee, National Healthcare for the Homeless Council

Katharine Barnard:

- Volunteer, Cape CARES – serving medical and dental needs of rural Honduras

Alexander Blount:

- Editor of the American Psychological Association’s Journal, Families, Systems & Health
- Member, Task Force on Behavioral Health, Patient Centered Primary Care Collaborative
- Member, National Integration Academy Council

Alexandra Bonardi:

- Editorial Board Member International Nursing Journal in Intellectual and Developmental Disability
- Member, Health and Wellness Action

Lucy Candib:

- Reviewer, Family Medicine
- Reviewer, Families, Systems and Health
- Reviewer, Annals of Family Medicine
- Reviewer, Patient Education and Counseling
- Member, Executive group of WONCA Working Party on Women in Family Medicine; manager of WONCA’s listserv
- Member, STFM Groups: Minority and Multicultural Health Care, Women’s Network, Violence Education, Global Health, Families and Health
- Member, HRSA Expert Workgroup – Intimate Partner Violence and Post-Partum Depression

Suzanne Cashman:

- Board Member, Community Campus Partnerships for Health
- Member, Task Force convened by the ATPR to advance the Healthy People 2010 Objective devoted to increasing the proportion of health professions schools whose basic curriculum includes the core competencies in health promotion and disease prevention
- Member, American Public Health Association’s community-based public health caucus policy work group
- Reviewer, American Journal of Public Health
- Reviewer, American Journal of Preventive Medicine
- Reviewer, BioMedCentral Family Practice
- Reviewer, BioMedCentral Public Health
- Reviewer, Journal of Public Health Management and Practice
- Reviewer, Progress in Community Health Partnerships: Research, Education, and Action
- Reviewer, Service-Learning Research
- Associate Editor, CES4Health

Dean Cleghorn:

- Board Member, National Racial and Ethnic Approaches to Community Health (REACH) Coalition
- Executive Committee Member and Officer of the Board (Clerk), National REACH Coalition
- Reviewer for the Annual Scientific Symposium on Improving the Quality and Value of Health Care in conjunction with the Annual National Forum on Quality Improvement in Health Care, sponsored by the Institute for Healthcare Improvement
- Member of peer review panel, [Medical Education Online](#)
- Member of peer review panel, [Health Promotion Practice](#)
- Member of peer review panel, [Journal of Health Care for the Poor and Underserved](#)
- Member of peer review panel, [Quality and Safety in Health Care](#)
- Reviewer, [Progress in Community Health Partnerships: Research, Education, and Action](#) journal, special issue, REACH US, 2011.

Frank Domino:

- Editor in Chief, 5 Minute Clinical Consult
- Medical Editor and Peer Reviewer, BioMedCentral's Journal of Case Reports
- Peer Reviewer, Journal of Family Practice
- External Peer Reviewer, Cochrane Consumers and Communication Review Group
- Expert Consultant, John M. Eisenberg Center for Clinical Decisions and Communications Science, Baylor College of Medicine
- Evidence-based Medicine CME consultant to the American Academy of Family Practice Commission on Continuing Professional Development, Subcommittee on Clinical Content and Accreditation. Dr. Domino's three year term began in 2009.

Warren Ferguson:

- Member, Program Committee, Society of Teachers of Family Medicine

Emily Ferrara:

- Reviewer, Journal of Homosexuality
- Reviewer, Literature in Medicine
- Reviewer, Family Medicine
- Reviewer, Patient Education and Counseling
- Reviewer, Journal for Learning through the Arts: A Research Journal on Arts Integration in Schools and Communities

Jeremy Golding:

- Reviewer, Journal of the American Board of Family Medicine
- Reviewer, Archives of Internal Medicine
- Reviewer, Families, Systems and Health

Heather-Lyn Haley:

- Reviewer, Patient Education and Counseling
- Member, American Sociological Association, Sections: Social Solidarity and Altruism; Sociology of Emotions; Organizations, Occupations and Work

Jay Himmelstein:

- Senior Advisor, HHS Office of National Coordinator Health Information Exchange Economic Sustainability Panel
- Senior Fellow, University of Chicago's National Opinion Research Center
- Member, Standing Committee on Worker's Compensation Policy
- Member, National Academy of Social Insurance (NASI) Standing Committee on Health Policy

Elaine Martin:

- Chair, Association of Academic Health Sciences Library Association Leadership Committee
- Library Consultant, Dogliotti College of Medicine, Monrovia, Liberia
- Reviewer, Journal of Electronic Resources in Medical Libraries

Daniel Mullin:

- Associate Editor, Translational Behavioral Medicine: Practice, Policy and Research
- Editorial Reviewer, Journal of Clinical Psychology in Medical Settings
- Editorial Reviewer, American Family Physician
- Editorial Reviewer, Families, Systems and Health
- Chair, Collaborative Care Research Network Research Agenda Committee
- Member, Collaborative Care Research Network Steering Committee
- Member, American Academy of Family Physicians National Research Network Advisory Group

Susan Pasquale:

- Board of Advisors, College of Arts and Sciences – Division of Sciences, University of Massachusetts Lowell
- Chair, Educational Scholarship Committee, International Association of Medical Science Educators
- Member, Program Planning Committee, International Association of Medical Science Educators
- Chair, Medical Educator Fellowship Team, International Association of Medical Science Educators
- Member, Professional Development and Program Subcommittee, Association of American Medical Colleges Group on Faculty Affairs
- Reviewer, MedEdPORTAL
- Reviewer, Medical Science Educator
- Reviewer, Medical Teacher
- Reviewer, International Association of Medical Science Educators Awards for Outstanding Presentation, Medical Education Scholar and Master Teacher
- Reviewer, Association for Medical Education in Europe conference proposal abstracts
- Reviewer, Association of American Medical Colleges Northeast Group on Education Affairs Annual Meeting conference proposal abstracts
- Reviewer, Association of American Medical Colleges Group on Faculty Affairs annual meeting proposal abstracts

Glenn Pransky:

- Chair, Committee on Work Disability Prevention for the International Congress on Occupational Health
- Elected Member, National Academy of Social Insurance (NASI)
- Member, Scientific Advisory Committee, American College of Occupational and Environmental Medicine

Jennifer Reidy:

- Co-Chair, American Academy of Hospice and Palliative Medicine Hospice Medical Director course
- Section Editor and Editorial Board Member, Journal of Palliative Medicine

Judy Savageau:

- Reviewer, Journal of the National Medical Association
- Reviewer, Journal of the American Board of Family Medicine
- Reviewer, Journal of Psychosomatic Research
- Reviewer, Disability and Rehabilitation
- Reviewer, The American Journal of Managed Care
- Reviewer, BMC/Health Services Research
- Reviewer, Journal of Health Care for the Poor and Underserved

Sara Shields:

- Member, Secretary's Advisory Committee on Infant Mortality

Hugh Silk:

- Reviewer, Journal of Public Health Dentistry
- Reviewer, Journal of Family Medicine
- Reviewer, Journal of Pediatrics
- Reviewer, BMC (Biomedical Central) Public Health
- Reviewer, Academic Medicine
- Editorial Reviewer, Dynamed
- Member, American Dental Association's Public Health Advisory Committee to the Council on Access, Prevention and Interprofessional Relations

- Member, STFM's Working Group on Oral Health; Humanities in Medicine

Carole Upshur:

- Center Investigator, Center for Homelessness Prevention Studies, Mailman School of Public Health
- Independent Reviewer, State of Washington Life Sciences Discovery Fund, American Association for the Advancement of Science
- Reviewer, Public Health Reports
- Reviewer, Journal of General Medicine
- Reviewer, Journal of Psychiatric Services
- Reviewer, International Journal on Integrated Care
- Reviewer, Early Childhood Research Quarterly
- Reviewer, Family Systems and Health
- Reviewer, Prevention Science
- Reviewer, Journal of the American Board of Family Medicine

Linda Weinreb:

- Member, standing review committee, Center of Mental Health Services for the Substance Abuse and Mental Health Services Administration
- Member, Research Coordinating Committee, National Health Care for the Homeless Council and Clinician's Network
- Center Investigator, Center for Homelessness Prevention Studies, Mailman School of Public Health
- Member, HRSA Expert Workgroup – Intimate Partner Violence and Post-Partum Depression

Awards and Recognition

Nicholas Apostoleris was presented the 2nd Annual John A. DeMalia Leadership Award at the Community Health Connections Family Health Center's Annual Meeting. The award recognizes "leadership, vision, dedication, commitment, integrity and respect for others" and is named in honor of the Greater Gardner Community Health Center's former Director. Presenting the award, Board member Emily MacRae noted that he "shows respect and genuine care for his department, patients, and employees," his "ethical and humanistic principles," and that he "continually strives to meet the needs of our most disenfranchised patients."

James Broadhurst received his board certification in addiction medicine.

Barre third year Family Medicine resident **Katy Brodski-Quigley** was awarded Third Place in the Seventh Annual Gerald F. Berlin Prize for Creative Writing Award. The Office of Student Affairs, Office of Educational Affairs, and Humanities in Medicine Committee of the Lamar Soutter Library, hosted the Berlin Award Ceremony & Readings event.

Lucy Candib was awarded the 2010 University of Massachusetts President's Public Service Award at a November ceremony at the President's Office in Boston. Given annually to one individual from each of the five UMass campuses, the award recognizes exemplary public service to the Commonwealth. Her award stated: "Dr. Candib's devotion to family medicine and long-term commitment to her community can be felt every day by learners, patients, and clinicians in Worcester. For almost four decades, Dr. Candib has served generations of families from many cultures at the Family Health Center of Worcester. She developed unique community collaborations for open access to exercise for low-income youth and adults. Widely published on family medicine, health and safety of women and children, and patient empowerment, Dr. Candib advocates for patients to take charge in both health and sickness."

Lucy Candib's article, *Obesity and Diabetes in Vulnerable Populations: Reflection on Proximal and Distal Causes*, published in the November 2007 issue of the *Annals of Family Medicine*, has been cited by the journal as one of the 50 most read articles in the *Annals* since the *Annals* began publishing in 2003.

Suzanne Cashman received the Tom Bruce Award from the Community-Based Public Health (CBPH) Caucus of the American Public Health Association at their annual fall conference. The award annually recognizes an individual who has made a significant contribution to the CBPH Caucus and the CBPH movement. She was recognized for her "genuine, significant and lasting contributions to the fields of service-learning, community-academic partnerships and CBPH", including being a founding member of the CBPH Caucus.

Matilde Castiel was co-author on a poster presentation on *Hector Reyes House* which won the Most Outstanding Poster Research Presentation in the Physician Category at the National Hispanic Medical Association.

Joe DiFranza was selected as the recipient of the 2011 Massachusetts Medical Society Henry Ingersoll Bowditch Award for Excellence in Public Health. This award is presented annually to a Massachusetts physician who has "demonstrated outstanding initiative, creativity, and leadership in the field of public health outreach and advocacy." Dr. DiFranza received the Award during the Public Health leadership Forum in April at the Massachusetts Medical Society headquarters in Waltham.

Dennis Dimitri was inducted into the Boys and Girls Club Hall of Fame in November.

Dennis Dimitri was honored with a Career Achievement Award at the 2010 Fall District Meeting and Awards Ceremony of the Worcester District Medical Society in November.

Frank Domino was chosen by the Class of 2011 to be the Medical School's 'Faculty Marshal' ("Hooder") at their June Commencement at the University campus. One clinical faculty member is chosen each year for this honor, and this was the third time Dr. Domino has been chosen by a graduating class for this award. The class also recognized him as an Outstanding Medical Educator, the seventh time he has received this award, which was presented at the spring Alumni Breakfast.

Chyke Doubeni was selected by President Obama as one of 94 researchers to receive the Presidential Early Career Award for Scientists and Engineers. The White House press describes the award as "the highest honor bestowed by the United States government on science and engineering professionals in the early stages of their independent research careers" (see also page 45).

Aimee Falardeau, MSIV, was the 2011 recipient of the Anne Nemitz Award, which was presented at the spring Graduation Breakfast by Senior Associate Dean Michele Pugnaire. The award was established to honor the memory of faculty member Anne Nemitz, recognizing her unwavering dedication to the needs of others and the privilege of serving as a physician and teacher. Ms. Falardeau began her studies at UMass with a deeply rooted commitment to a career in Family Medicine and a passion of service, which has included extensive global health volunteerism, local advocacy in soup kitchens and free clinics, and tireless fundraising for Worcester charities. As a student leader, she has made an impact on curriculum change and the establishment of learning communities. She dedicated three months of independent study in her fourth year working in the Center for Advancement of Primary Care, focusing her efforts on the Patient Centered Medical Home initiative that will establish PCMH models at a number of pilot sites.

Warren Ferguson was honored in January as the first recipient of the Chancellor's Award for Advancing Institutional Excellence in Diversity at the medical school's Annual Tribute to the Reverend Dr. Martin Luther King, Jr.

Erik Garcia was honored in September by the Department of Surgery as the recipient of the Felix G. Cataldo, MD Humanism in Medicine Award.

Aysha Hameed, Medical Director at MCI Cedar Junction, received a Certificate of Recognition in a Department of Corrections ceremony for her "dedicated commitment to health services" and exemplifying "the core values of the Department of Corrections through the betterment of the institution and community."

Paul Hart received the 2011 Senior Physician Volunteer Award Recipient presented by the Massachusetts Medical Society.

Nic Hernandez, a Fitchburg PGY-1 resident, submitted a winning essay to the STFM Group on Minority and Multicultural Health. He earned a scholarship to assist him in attending the Annual Spring STFM Conference in New Orleans.

Bob Ingala, CEO at the Greater Lawrence Family Health Center, received the Massachusetts Community Health Center Director Award at the Massachusetts League of Community Health Centers Annual Awards Gala in June.

Stephen Levine, who has served as a preceptor for UMass students for many years in his practice in Holyoke, was awarded the Preceptor of the Year Award at the April meeting of the Massachusetts Academy of Family Physicians.

Peter McConarty received one of six Home Town Hero Awards from Mayor Wong of Fitchburg at a ceremony in February. Dr. McConarty was recognized for his 25 years of service to the Fitchburg community.

Stacy Potts was the recipient of two Champions of Excellence awards in June 2011, the Integrated Care and Work Award and the Diverse High-Performing Workplace Award.

Michele Pugnaire, was awarded the Grant V. Rodkey award of the Massachusetts Medical Society for contributions to medical education and medical students.

Jennifer Reidy has been accepted as one of six Gold Scholars for the Harvard Macy Institute Clinical Educators Program, which will start in January.

Christine Runyan passed the examination by the American Board of Professional Psychology (ABPP) to become board certified in Clinical Health Psychology.

Patricia Ruze, Medical Director at Massachusetts Correctional Institute, Concord, along with two nurses, Sarah Maria and Nancy Todd, received a Community Service Award as Department of Correction Employees of the Year from Governor Patrick. Dr. Ruze, Ms. Maria and Ms. Todd were members of a health care team responding to the crisis in Haiti immediately after the earthquake.

Sheila Stille Residency Director, former Dental Residency Program which operated from 2007-2011 was recognized by the Worcester District Dental Society for her contributions as a member of the Dental Society, including her work as Director of the Department's General Practice residency in Dentistry.

Special Events & Special Guests

Putterman Lecture and Annual Department Dinner

The 2010 Steven Putterman Memorial Lecture was delivered on October 19, by Dr. Fitzhugh Mullan, Murdock Head Professor of medicine and Health Policy at the George Washington University School of Public Health and Health Services. His Lecture was entitled, *Social Mission, Medical Schools and the Health of the Nation*. The Department hosted its annual faculty dinner meeting that same evening.

The Lecture was initiated in 2000 in honor of Dr. Steven Putterman, commemorating his commitment to primary care, community health and care for vulnerable populations. Dr. Putterman, who died in a plane crash in September, 1999 while vacationing in Tanzania, had served as a member of the residency faculty at Family Health Center of Worcester, where he was also Medical Director of the health center's Urgent Care Center. He also served as Medical Director of the Community Healthlink detox unit. In his last year, he was Associate Director of the Worcester Family Medicine Residency, and was appointed Program Director a month before his death.

Putterman lecturers spend a day in the Department providing a Grand Rounds focusing on a broad topic that reinforces the interplay between the disciplines of Family Medicine and Community Health, and meeting with faculty and residents on community health related topics.

The roster of former Putterman Lecturers includes:

- 1999 **Donald Weaver, MD**, Assistant Surgeon General and Director of National Health Services Corps: *100% Access / 0% Health Disparities: Who Cares for the Poorest, the Least Healthy and the Most Isolated?*
- 2000 **Jack Geiger, MD**, Arthur C. Logan Professor Emeritus of Community Medicine: *Race, Diversity and Human Rights*
- 2001 Jeffrey Borkan, MD, PhD, Department of Family Medicine at Brown University School of Medicine: *Narrative in Family Medicine: Clinical, Educational and Research Applications*
- 2002 **Daniel J. Ostergaard, MD**, Vice President for International and Interprofessional Activities: *Family Practice around the World – Meeting the Need for a Competent Generalist Physician*
- 2003 **Larry A. Green, MD**, Director, The Robert Graham Center, Washington, DC, Professor of Family Medicine, University of Colorado: *The Future of Family Medicine*
- 2004 **Edward H. Wagner, MD, MPH**, Director, W.A. MacColl Institute for Healthcare Innovation Professor of Health Services, University of Washington School of Public Health and Community Medicine: *Improving Chronic Illness Outcomes in Communities: Lessons Learned*
- 2005 **Leiyu Shi, PhD**, Co-Director of the Johns Hopkins Primary Care Policy Center for the Underserved, Associate Professor, Johns Hopkins Bloomberg School of Public Health: *The Role of Primary Care in Improving Health and Reducing Disparities*
- 2006 **Joseph Betancourt, MD, MPH**, Senior Scientist, Institute for Health Policy and Program Director for Multi-Cultural Education: *Reducing Health Disparities: Progress Made and Solutions for the Future*
- 2007 **Kevin Grumbach, MD**, Professor and Chair of the Department of Family and Community Medicine, University of California at San Francisco: *Primary Care: Essential, Endangered and Innovative*
- 2008 **James W. Mold, MD, MPH**, Professor and Research Division Director, Department of Family and Preventive Medicine, University of Oklahoma Health Sciences Center: *Creating Learning Communities*
- 2009 **Russell G. Robertson, MD**, Professor and Chair of Family and Community Medicine at the Feinberg School of Medicine, Northwestern University: *The Pluripotentiality of a Career in Family Medicine: One Person's Journey Through Medical Education, Academic Administration, and Health Care Policy*
- 2010 **Fitzhugh S. M. Mullian, MD**, Murdock Head Professor of Medicine and Health Policy at the George Washington University (GWU) School of Public Health and Health Services, and Clinical Professor of Pediatrics at GWU School of Medicine: *Social Mission, Medical Schools, and the Health of the Nation*

The 2011 Lecture, *Reflections from the Streets: Lessons Learned from Caring for Boston's Rough Sleepers*, will be delivered on October 4, 2011, by James O'Connell, President of Boston Health Care for the Homeless Project. He is a national expert on homeless healthcare and has published and lectured extensively in this area. He is the Editor of the Manual of Communicable Diseases in Shelters, a reference guide used by many doctors serving this underserved population. Dr. O'Connell is a graduate of Harvard Medical School and earned a master's degree in Philosophy and Theology from Cambridge University in England.

Faculty Retreats

The Department held two faculty retreats in October 2010 and March 2011. Heather-Lyn Haley coordinated all the logistics related to the retreats. Details can be found on page 29.

Community Health Connections Family Health Center Anniversary Celebration

Community Health Connections Family Health Center held its 8th Anniversary Celebration in November at Wauchusett Mountain. The evening included remarks by Mick Huppert and Beth Mazyck, and the honoring of HealthAlliance Hospital CEO Patrick Muldoon as the 2010 Community Health Champion. The Community Health Champion is an award given annually by the health center to an individual who has helped improve access to health care for people living in North Worcester County.

Community Health Connections Celebrates New Addition

In January 2011, Community Health Connections celebrated the opening of its addition to the Leominster Health center, providing four additional dental chairs and two additional exam rooms. Participants included

city leaders, Congressman John Olver and State Representative Dennis Rosa. The expansion was funded by a \$300,000 grant from the federal American Recovery and Reinvestment Act, as well as a \$70,000 HRSA grant.

Quality Scholars Graduation

In June, the Quality Scholars program held its graduation ceremony for its second group of scholars. The Quality Scholars was a nine month, project-based program, sponsored by the Center for Advancement of Primary Care and the Office for Quality and Patient Safety. Eleven faculty from the Departments of Family Medicine, Internal Medicine, Nursing and Pediatrics participated as Scholars. Family Medicine and Community Health Scholars included Marie Caggiano, Anita Kosteci, Erik Garcia, Daniel Mullin and Michael Reyes.

Dean Flotte spoke at the graduation, emphasizing the need for their leadership in quality improvement. Each scholar presented his or her work. They also presented posters at the Annual Peter Levine Symposium hosted by the Department of Quality and Patient Safety in June. The Scholars continue working in a QI role in each health center, including serving as QI mentors for residents.

17th Annual Primary Care Dinner

The Annual Primary Care Dinner was held in November in the Faculty Conference Room. Sponsored by the Office of Educational Affairs, Meyers Primary Care Institute and the Center for Advancement of Primary Care, the event provides medical students with an opportunity to talk informally over dinner with primary care faculty, and to hear a presentation. This year's speakers were Family Physicians Tracy Kedian and Jeff Baxter. Faculty who attended the dinner to share their experience with students included Ron Adler, Jeff Baxter, Lucy Candib, Suzanne Cashman, Dennis Dimitri, Alan Ehrlich, Liz Erban, Warren Ferguson, Jeremy Golding, Tracy Kedian, Dan Lasser, Mary Lindholm, Roger Luckmann, Steve Martin, Sam Pickens, Michele Pugnaire, and Helena Santos-Martins.

MassAHEC 2nd Annual Leadership Conference for Health Occupations Students in America

Several faculty assisted with MassAHEC's 2nd annual Leadership Conference for the Health Occupations Students of America (HOSA) in April. 130 high school students from across the state competed in events such as medical terminology and CPR/First Aid, toured the simulation lab and participated in hands-on activities with therapy dogs from Tufts/Cumming Veterinary School and pediatric airway management from Massachusetts Department of Public Health. Warren Ferguson, MassAHEC Medical Director, served as emcee for the awards ceremony and a judge; Heather-Lynn Haley, Judy Savageau and Linda Cragin judged the Health Career Display session; Sara Shields taught the students vital signs; Alex Bonardi judged the nursing assistant skills test; Heidi Holland (Southeastern Massachusetts AHEC) helped with traffic flow; and Jeanette Cloutier judged the Biotechnology skills test. The high school students "speed dated" medical students Ejiroghene Onos and Jennifer Fantasia.

Special Guest: Roland Goertz

The Massachusetts Academy of Family Physicians annual Spring meeting in Leominster was attended by Roland Goertz, President of the American Academy of Family Physicians. Chair of the Department of Family and Community Medicine at the University of Texas Medical School – Houston and current CEO at the Waco Family Health Center, Dr. Goertz met with residents in the Fitchburg Family Medicine residency, where discussion focused on the future for Family Medicine and on the role of primary care within Accountable Care Organizations.

Faculty

New Faculty Based Within the Department

The following individuals based within the Department joined the faculty (or received their appointment to the faculty) during the period of October, 2010 - September, 2011:

SriLakshmi Anamandala, MD, Instructor, earned her MBBS degree from Kilpauk Medical College in Chennai, India in 1996 and completed her residency in the Department of Family Medicine at Marquette General Hospital in Marquette, MI in 2007. She has joined a UMass Memorial Community Medical Group practice in Marlboro.

Wade Munroe, PsyD, Instructor, received his PsyD in Clinical Psychology at the Massachusetts School of Profession Psychology in 2009. He is a Clinical Psychologist at Community Health Connections Family Health Center (CHCFHC) where he serves as the Assistant Clinical Director of the health center's Behavioral Health Department. He supervises the Department's postdoctoral behavioral health Fellow at the Center.

Thomas Scornavacca, Jr., DO, Instructor, completed his medical education at the University of Medicine and Dentistry of New Jersey, School of Osteopathic Medicine in 1996 and completed his Family Medicine residency training at the UMass Fitchburg Family Medicine residency in 1999. Since that time, he has been an active member of the medical staff at UMass Memorial HealthAlliance, working in a private practice in Leominster. In 2010, he joined the UMass Memorial Community Medical Group with a practice in Harvard.

Patricia Seymour, MD, Assistant Professor, graduated from UMass Medical School in 2007, after having completed a Master's of Science degree at UMass Amherst in 2004. We were fortunate to recruit her to our Family Medicine residency, which she completed in 2010. As a medical student she was recognized as a recipient of the Chancellor's award for her commitment to excellence in education. During her residency she received the Shannon Jenkins award for her demonstrated abilities in hospital medicine, teaching and evidence-based medicine. Dr. Seymour joined the Department in October on the Family Medicine Hospitalist service located at the Memorial campus, where she now serves as Education Director.

Mary Sullivan, MSN, FNP, Instructor, earned her Master of Science degree in Nursing in 1989 from UMass Lowell. She worked as a Family Nurse Practitioner at the Family Health Center in Worcester, where she served as their Director of Nurse Practitioners/Physician Assistants from 2004-2006. In 2008 she earned a Nursing Education Graduate Certificate from UMass Lowell. She joined the Department in 2007 as a Nurse Practitioner at Plumley Village Health Services. She also serves as a faculty member of the UMass Center for Clinical Communication and Performance Outcomes at UMass Medical School.

New Faculty Based Within Affiliates:

The following individuals based within affiliates were appointed to the faculty between October, 2010 - September, 2011:

Michael Chin, MD, Adjunct Assistant Professor, received his MD degree at UMass Medical School in 2000 and completed his Family Medicine residency at Brown University in 2003. He is currently a Senior Policy Analyst at the Commonwealth Health Insurance Connector Authority, a position he has held since 2006. He practices in urgent care positions at East Boston Neighborhood Health Center and Fallon Clinic. Dr. Chin has held an Assistant Professor appointment at Brown University since 2006. He has been actively involved with the faculty in development of the residency's Global Health track, supporting trips to Nicaragua to establish future

teaching and learning opportunities. He also works with our students taking international electives.

Darius Greenbacher, MD, FACEP, Adjunct Instructor, earned his medical degree from the University of Minnesota Medical School in 2000. He completed his residency training in Emergency Medicine at Baystate Medical Center in 2003, and our Department's Sports Medicine Fellowship in 2010. Dr. Greenbacher serves as Program Director for the Sports Medicine Program of Valley Orthopedics and Sports Medicine, and for the Sports Concussion Program, both of which are affiliated with Baystate Franklin Medical Center in Greenfield, MA. He teaches in our Fellowship.

Jennifer Hartman, MD, Instructor, graduated from Jefferson Medical College in 2000 and completed her residency in 2003 at Maine-Dartmouth Family Practice Residency in Augusta, ME. Until 2008 she was employed at Waterville Family Medicine. She currently works for Family Medical and Maternity Care in Leominster, an active teaching practice which hosts students in the Longitudinal Preceptorship Program as well as third year students completing the Family Medicine clerkship. She also teaches Family Medicine residents during their inpatient rotations at Health Alliance Hospital.

Karen Lee, BS, CHEM, PHARMD, RPH, BCPS, Assistant Professor, earned her Doctor of Pharmacy Degree at the Massachusetts College of Pharmacy & Health Sciences in Boston in 2002 and completed her residency training in Pharmacy Practice in 2003 at the Massachusetts College of Pharmacy and Health Science. She joined the Commonwealth Medicine in 2007 as a Clinical Consultant Pharmacist and currently works for Clinical Pharmacy Services (CPS) as the Director for Professional Development and as the Pharmacy Residency/Fellowship Program Director. In 2010 Commonwealth Medicine recognized Dr. Lee's achievements and presented her with the peer-nominated Excellence in Public Service Award.

Jeffrey Manning, MD, Instructor, earned his medical degree from Penn State College of Medicine in Hershey, PA in 2006. He completed his residency training in Family Medicine at Brown University/Memorial Hospital of Rhode Island in Pawtucket, RI in 2009. He completed our Department's Sports Medicine Fellowship in 2010. Since 2009 Dr. Manning has worked as the Medical Director of Sports Medicine for Sports Medicine Associates with the Physician Services of Northeast Connecticut in Danielson. He continues to teach didactic sessions within the Fellowship.

Monika Mitra, PhD, Assistant Professor, completed her PhD in Geography from Boston University in 1997. She is a Research Scientist at the Center for Health Policy and Research at Commonwealth Medicine, conducts research focused on health disparities among people with disabilities and the epidemiology of secondary conditions among persons with disabilities. Most recently she has published on the health issues of women with disabilities during pregnancy and on physical and sexual abuse against men and women with disabilities. Prior to joining University of Massachusetts, Dr. Mitra worked as a Senior Epidemiologist in the Office on Health and Disability at the Massachusetts Department of Public Health.

Jennifer Reidy, MD, Assistant Professor with a joint appointment in the Department of Medicine, is a 2000 graduate of the University of Vermont College of Medicine. She completed her residency in Family Medicine at the Greater Lawrence Family Health Center in 2003, and her Fellowship in Palliative Medicine at San Diego Hospice and Palliative Care in 2004. Following completion of her Palliative Care Fellowship, Dr. Reidy served as the Medical Director of the Merrimack Valley Hospice in Lawrence, Massachusetts. During this time she also took on a formal faculty role at the Greater Lawrence Family Medicine Residency, teaching residents during nursing home rotations, and regularly leading conferences and seminars on palliative care. She has joined the UMass Memorial Palliative Care service, based at the Memorial campus.

Patricia Seymour, MS, MD, Assistant Professor, completed a Masters of Science degree at UMass Amherst and is a 2007 graduate of UMass Medical School. She completed her family medicine residency with us in 2010 and joined the faculty that October as a member of the family medicine hospitalist service located at the Memorial Campus. She regularly teaches our residents as well as fourth year students who elect the family medicine sub-internship also offered at the Memorial Campus.

Zi Zhang, MPH, MD, Assistant Professor, received his Masters of Public Health (Biostatistics and Epidemiology) from the University of Massachusetts at Amherst in 1994 and his Medicine Baccalaureus (U.S. equivalent of MD) at the Shanghai Medical University in 1987. Dr. Zhang was recruited to UMass Medical School as the Director of the Office of Survey Research within Commonwealth Medicine in 2009. Prior to his current position he was a Senior Healthcare Analyst at the Neighborhood Health Plan and Director of the Health Survey Program for the Massachusetts Department of Public Health.

Faculty Promotions

Four faculty members were promoted this year:

Dennis Dimitri, MD was promoted to Clinical Associate Professor of Family Medicine and Community Health. Dr. Dimitri received his MD at George Washington University in Washington, DC in 1979 and completed his residency training at our Worcester Family Medicine residency in 1982. He entered into solo private practice in Worcester. Over the years, he took on numerous leadership positions and made significant contributions to the community, the Department, the medical school and the hospital system. He served as Chief of Family Medicine at Hahnemann Hospital and as President of the Memorial PHO. He serves as a member of the hospital Board of Trustees for a period that included the merger of the Memorial and UMass Health Care systems. He has served in several positions within the Worcester District Medical Society, including its Executive Committee and as Chair of the Legislative Committee. In 2008 he was elected President of the Massachusetts Academy of Family Physicians, and in 2009 he was appointed by the Governor to the Massachusetts Healthcare Workforce Advisory Council.

He was appointed as an Assistant Professor in the Department in 1989, recognizing his role as a preceptor for Family Medicine residents and medical students since the time he entered practice in 1982. In 2006 he joined the Department's Senior Leadership Team as Vice Chair for all aspects of our clinical services, including quality assurance, credentialing, clinical oversight and strategic planning.

Chyke Doubeni, MD was promoted to Associate Professor of Family Medicine and Community Health. Dr. Doubeni earned his MD at the University of Lagos, Nigeria in 1987, and completed surgical training culminating in a Fellowship of the Royal College of Surgeons in England in 1993. He completed residency training in Family Medicine at Duke University Medical Center in 1998, and he practiced Family Medicine at the Wilson Community Health Center in Wilson, NC, and served as Medical Director from 2000-2001. He came to Worcester to complete his residency training in Preventive Medicine in our Department in 2004, including completion of a Masters in Public Health degree.

Dr. Doubeni was recruited into the Department in 2004 as an Assistant Professor with a goal to develop a career in research. He has been remarkably successful: since 2007 he has successfully obtained over \$8 million in support. In addition to his success as a sponsored researcher, Dr. Doubeni has also been well published in peer reviewed journals, appearing as first author on ten in journals including Family Medicine, Pediatrics, American Journal of Preventive Medicine, Journal of the National Cancer Institute, Journal of General Internal Medicine and Cancer.

In 2009 Dr. Doubeni was asked by the Dean to serve as Interim Associate Vice Provost for Diversity for the Medical School. In this role he administered the Faculty Diversity Scholars Program and worked with leadership, Departmental chairs and program leaders in providing diversity through mentoring and social and academic support. He continues to see patients at our Benedict Building site.

Linda Long-Bellil, PhD, JD, was promoted to Assistant Professor of Family Medicine and Community Health. Dr. Long-Bellil earned her JD at Boston University School of Law in 1987, and subsequently held various legal staff positions. She joined the Center for Health Policy and Research in Commonwealth Medicine as a Project Director, and has served in this capacity since that time, managing research and training projects related to employment and disabilities. She is an active teacher within the Medical School, co-leading a Community Health Clerkship group on Health Care Access for Persons with Disabilities. She also directs an interclerkship on

the same topic for third year students. She is a frequent speaker, from community gatherings to national meetings, on issues related to disability.

Eileen Rafferty, RN, MSN was promoted to Instructor of Family Medicine and Community Health. Ms. Rafferty received her Masters Degree in Nursing from the University of Pennsylvania, School of Nursing, Philadelphia in 1978. She also holds a Certificate of Advanced Graduate Study which she earned from the University of Massachusetts at Amherst in 1989. For more than 30 years Ms. Rafferty has worked as a Family Nurse Practitioner at the Hahnemann Family Health Center. Over the years Ms. Rafferty has become an integral faculty member, clinician and patient/community advocate. She has worked with hundreds of students and residents over her career. She has focused her on quality improvement projects within the Health Center and provides lectures and workshops on these topics to medical students and residents. To better serve her patients she developed and created a process for the use of patient education materials displaying her desire to always provide patient centered and comprehensive care.

Leadership Appointments

Alexa Connell was appointed Assistant Director within the newly-established Center for Integrated Primary Care, with responsibility for development of the Center. Dr. Connell did much of her training at Duke University, where she completed both her MA in Psychology and her PhD in Clinical Psychology, focusing on the relationships between weight and types of depression in adolescents. She came to the Department as a Post Doctoral Fellow in Primary Care Psychology, and has agreed to join the faculty as the new Center for Integrated Primary Care comes to fruition under the leadership of Alexander Blount.

Frank Domino, Professor, was appointed as the Department's Pre-Doctoral Director in July, with responsibility for oversight for all of Family Medicine rotations in the Department. He served as the Third Year Clerkship Director since 1998. He serves as Editor-in-Chief of "The Five Minute Clinical Consult," a highly regarded primary care reference which is upgraded every year; this has provided students, residents and faculty with a valuable writing resource. He also has considerable experience working with the Cochrane Collaboration, and he is internationally known for his work in evidence-based medicine.

Mary Lindholm, Assistant Professor, was appointed Director of the Department's Family Medicine Third Year Clerkship in July. Mary joined the faculty in 2000, after 8 years in rural practice in Bellefonte, Pennsylvania. With her clinical practice at the University campus, she has continuously served as Balint Group facilitator in the Worcester Family Medicine residency. She completed the Department's academic fellowship in Family Medicine, and went on to serve as a key faculty member within the Teachers of Tomorrow Faculty Development program. She served as an investigator on the Department's "Speaking Together" project funded by the Robert Wood Johnson Foundation, which focused on the application of language services within the UMass Memorial system. She has served as a small group facilitator in the Physician, Patient and Society (PPS-I and PPS-II) courses, and has made contributions to the development of the medical school's revised predoctoral curriculum.

In 2010 she was named Assistant Director of the Clerkship, which is the Department's "flagship" course within the medical school's curriculum. A part of the required third year curriculum, the Clerkship exposes the class to the foundations of our specialty, placing students in a variety of practices from Community Health Centers to private practices across the Commonwealth. It is consistently rated among the most valuable courses within the third year, largely because of the talent and commitment of our preceptors.

Strategic Plan

**Department of Family Medicine and Community Health
University of Massachusetts Medical School
UMass Memorial Health Care
Worcester, Massachusetts**

October, 2009

(with revision dates as noted)

Our Vision:

Our Department will be nationally recognized for its innovation and impact in Family Medicine and Community Health

Our Mission:

Our Department sets the highest standards of patient care, education, and research in Family Medicine and in Community Health, and is committed to improving the health of populations, with special emphasis on those most vulnerable

Our Values:

- **Advocacy**
- **Collaboration**
- **Commitment**
- **Innovation**
- **Professional growth**

Priority Area #1: Department Organization and Culture

Goal: We will be a highly functioning academic and clinical Department

Objective 1: The Department's leadership and management infrastructure will be mission-driven, aligning planning and implementation, clarifying expectations, and supporting a culture of innovation and professional growth

Strategies:

- 1.1 We will achieve our goals for education, clinical services, research and community health in an integrated fashion.
- 1.2 We will foster collaboration, communication, personal and professional development, reflection, and mentorship.
- 1.3 We will develop formal systems to capture and institutionalize reflection and ongoing learning about our disciplines and our practices.
- 1.4 Responsibility and accountability for our goals and objectives will be shared across our leadership, stressing proactive problem solving and transparent decision-making.
- 1.5 We will develop the Department's next generation of leaders.

Objective 2: We will foster meaningful and productive academic/service relationships, including enhanced relationships with our parent institutions, with UMass Commonwealth Medicine, and with external partners

Strategies:

- 2.1 We will continue to make significant leadership contributions to UMass Medical School, UMass Memorial Health Care, and Commonwealth Medicine.
- 2.2 We will continue to make significant leadership contributions within the Commonwealth of Massachusetts, as well as through our national professional organizations.
- 2.3 We will continue to seek out opportunities to develop academic/service collaborations with external partners, with special emphasis on Community Health Centers and local and state health departments.

Objective 3: We will serve as advocates for our patients, our communities, and our disciplines as we ensure meaningful incorporation of primary care and the role of communities into the strategies of our parent institutions

Strategies:

- 3.1 We will emphasize the roles of community service, advocacy, and leadership in each of our programs.
- 3.2 We will emphasize strategies for caring for vulnerable populations in each of our programs.
- 3.3 We will play a leadership role in the UMass Center for the Advancement of Primary Care

Objective 4: We will expand and diversify our funding base

Strategies:

- 4.1 We will enhance our capacity to generate grants and other funding opportunities.
- 4.2 We will initiate a development effort.

Priority Area #2: Education

(revised 10/2011)

Goal: The Department will be a leading resource for meeting the primary care and public health workforce needs of the Commonwealth of Massachusetts

Objective 1: We will train clinically competent, patient-centered, and community-responsive clinicians and public health professionals to provide quality health care services to diverse populations

Objective 2: Our training programs will be based in clinical and community settings that reflect the health care needs of the Commonwealth, with emphasis on training for shortage area practice

Program Goals

- A. **Our pre-doctoral training programs** will ensure that all medical students graduate with a firm grounding in the principles of Family Medicine and of Community Health, and will include innovative curricula related to serving underserved populations

Strategies:

- a. Our Family Medicine programs will expose students to Family Medicine role models and will foster student interest in pursuing Family Medicine as a career choice.
- b. The Community Health Clerkship will evolve into a robust longitudinal community health curriculum.
- c. Our faculty will continue to make substantive contributions to courses in Population Health and Epidemiology, emphasizing the determinants of health for individuals and populations and the relationship between communities, cultures and health care systems.
- d. Department faculty will have active roles in the LInC redesign, including serving as advisors for the 'Capstone' requirement.

- B. Our Family Medicine Clerkship will occur in dynamic teaching practices that are exemplary models for the provision of Family Medicine.

Strategies:

- a. We will expand our community-based training sites to give students a larger variety of locations and opportunities.
- b. We will enhance our Family Health Centers and other select sites as model teaching practices that accommodate larger student cohorts.
- c. Our faculty will serve as role models, equipped with efficient precepting skills and career counseling expertise.

- C. **Our Family Medicine Residencies** will be highly competitive, and will attract and sustain a diverse group of learners within supportive and innovative learning environments.

Strategies:

- a. Our residencies will emphasize the unique features of each Family Health Center, and will reflect them in recruitment and curriculum development.
- b. We will provide supportive and learner-centered teaching environments that allow learners to develop their priorities and reach their goals.
- c. We will be proactive in the development of innovative learner strategies and curricular enhancements that respond to program and resident needs.
- d. We will attract, retain, and support expert, passionate faculty.

- D. **Our Sports Medicine Fellowship** will be a regional and national leader in the field of Primary Care Sports Medicine through education, research, clinical services, and community outreach.

Strategies:

- a. We will recruit top level regional and national applicants to the fellowship program through national exposure of academic projects by UMass Sports Medicine Fellowship faculty.
- b. We will expand educational opportunities throughout the UMass pre-doctoral and residency programs as a way to enhance training of future primary care providers in sports medicine as well as potential future primary care sports medicine fellows.
- c. We will expand integration of Primary Care Sports Medicine with Orthopedic Sports Medicine for the improvement of sports medicine services and academic productivity.

- E. **Our Preventive Medicine Residency** will prepare primary care physicians to assume leadership positions in public health and preventive medicine.

Strategies:

- a. The Preventive Medicine residency will be highly competitive and attractive to learners from diverse backgrounds.
- b. The residency will be integrated with other departmental activities.

- F. **The Worcester-based MPH Program** will prepare health care professionals and medical students for careers and leadership positions in public health and community health.

Strategies:

- a. The program will implement a 5-year MD MPH program for UMass medical students.
- b. The program will continue to enhance both classroom-based and on-line curricula to attract a diverse array of health care professionals interested in population-based approaches to improving health care.

- G. **Our Behavioral Science Program** will be a national model for training medical and psychological providers to offer excellent behavioral health services in primary care.

Strategies:

- a. Our Behavioral Health Fellowship will achieve APA accreditation.
- b. Our Certification Program will be nationally recognized as a validated credential for an Integrated Behavioral Health Specialist.

- H. **Departmental CME offerings** will support local practice improvement and be recognized nationally for innovative lifelong learning practices.

Strategies:

- a. We will enhance programs that assist Family Physicians to maintain their ABFM certification.
- b. Our Grand Rounds will be accessible to our geographically-dispersed learners and faculty.

- I. **Faculty development activities** will be coupled with the recruitment of new community-based preceptors and will focus on training and supporting expert teachers and excellent role models.

Strategies:

- a. We will offer multiple faculty development opportunities each year that are convenient and accessible, assisting the faculty to continuously enhance their academic skills.
- b. Our mentorship programs will foster the professional growth of the faculty.

Priority Area #3: Clinical Service

Goal: The Department will promote and provide innovative, high quality, evidence-based clinical care delivered to diverse communities

Objective 1: We will recruit and retain a Family Medicine workforce of a size and breadth to meet the needs of the diverse community of central Massachusetts

Strategies:

- 1.1 We will provide a variety of attractive clinical and academic opportunities for Family Physicians which will inspire them to succeed in their professional goals.
- 1.2 We will enhance our cooperative relationships with community health centers and other agencies that serve vulnerable populations, emphasizing the unique perspective that Family Physicians bring to these settings.

Objective 2: We will support innovative systems and programs that support all Department practices in the care of patients across the entire spectrum of clinical settings

Strategies:

- 2.1 We will ensure all practices access to the "full basket" of services provided by family physicians by implementing systems that facilitate care across the clinical spectrum, such as after-hours/acute care, hospital care of adults, children and laboring women, and long term care.
- 2.2 We will encourage and support members of our practice community who develop areas of expertise that complement or enhance the "full basket" of services, such as maternal/child health, office-based procedures, addiction medicine, geriatrics, sports medicine, and integrated primary care.

Objective 3: We will implement practice improvements that increase the satisfaction of physicians and patients and improve quality and effectiveness

Strategies:

- 3.1 We will incorporate transformative practice redesign that is based on the precepts of the patient-centered medical home.
- 3.2 We will support practice innovations that broaden and evolve the scope of family medicine clinical services that are responsive to population needs.

Objective 4: We will apply methods for the creation, measurement, and maintenance of a clinically superior healthcare workforce

Strategies:

- 4.1 We will implement methods by which our members can maintain, enhance and demonstrate their clinical expertise.
- 4.2 We will foster a culture that inspires every clinician to participate in quality improvement activity.
- 4.3 We will develop a communication infrastructure that facilitates the spread of exemplary practices.
- 4.4 We will assess and implement incentives that sustain the provision of premier quality care.

Objective 5: We will cultivate and encourage integration of clinical teaching in all of our practices as part of the culture of the department

Strategies:

- 5.1 We will support the spread of clinical teaching into our community practices.
- 5.2 Our faculty will be expert at integrating the teaching of medical students into their clinical practices.
- 5.3 We will develop "model teaching practices" with facilities and resources that can host a compliment of medical students and other learners.

Priority Area #4: Community Health

(revised 10/2011)

Goal: The Department will distinguish itself and be recognized nationally for integrating community health into family medicine practice, training, and scholarship.

Objective 1: We will serve as an academic partner with community agencies and public health entities in the development of community-responsive services to improve health equity and reduce health care disparities

Strategies:

- 1.1 We will work with practices to provide measures of health outcomes to our practices and our partners.
- 1.2 We will work with UMass Memorial Health Care and UMass Medical School to collaborate with central Massachusetts health departments, strengthening efforts to improve the health of central Massachusetts communities.
- 1.3 We will work in true partnership with the community to create healthy communities.

Objective 2: We will integrate training in population health concepts and the application of community health strategies within clinical practice as we create patient-centered medical homes

Strategies:

- 2.1 We will develop web-based practice tools to disseminate existing population health data and outcomes within the communities where we train and practice.
- 2.2 We will strengthen community health training along the continuum of education from pre-doctoral to faculty development, with particular emphasis on service-learning, advocacy and community engagement.
- 2.3 We will expand global health initiatives and training, with emphasis on care to populations, cultural immersion and language training.

Objective 3: We will serve as an academic partner for Commonwealth Medicine to establish and evaluate innovative and sustainable models of health care for diverse and vulnerable populations

Strategies:

- 3.1 We will work collaboratively with CWM and other departments to orient, engage, collaborate and mentor with faculty across disciplines who concern themselves with the health populations.
- 3.2 We will develop an expanded academic relationship with community health centers in conjunction with the Massachusetts League of Community Health Centers .
- 3.3 We will partner with the MassAHEC Network, Massachusetts Department of Public Health, and the Massachusetts League of Community Health Centers to obtain, collect and analyze data related to the Commonwealth's clinician workforce.
- 3.4 In conjunction with CWM, we will develop and host an academic consortium for correctional health.

Priority Area #5: Research

Goal: The Department will increase its national recognition for its research focused on health promotion and disease prevention and on innovative approaches to delivering evidence-based practice in primary care, with a particular focus on eliminating socioeconomic and racial health disparities.

Objective 1: The Department's core research faculty will formally organize as a Research Group on Primary Care Quality, Access and Outcomes that will expand the productivity, visibility, and relevance of its research

Strategies:

- 1.1 We will establish high functioning research teams of department investigators focused on thematic areas that build on Department strengths and priorities.
- 1.2 We will develop activities and materials that promote the Research Group internally and externally.

Objective 2: Working with community practices and partners, Medical School departments and Commonwealth Medicine, we will enhance our approaches to research collaboration that are bidirectional and responsive to community priorities

Strategies:

- 2.1 Our collaboration with community partners will be built on bidirectional and equitable relationships that foster research that is relevant and improves community health.
- 2.2 We will utilize the Department's Practice-Based Research Network as a primary vehicle for practice-based research.
- 2.3 Our partnerships at the medical school, including Commonwealth Medicine, the Department of Quantitative Health Science, the Prevention Research Center, and the Meyers Primary Care Institute, will be organized to enhance community-engaged research.
- 2.4 We will develop an expanded research agenda that builds on our strong relationship with the Massachusetts League of Community Health Centers.

Objective 3: We will enhance the scholarly environment across the Department through strengthened efforts in the residencies, fellowships, and at each of our health centers

Strategies:

- 3.1 We will enhance the Department's infrastructure to support expanded scholarly opportunity and productivity for the clinical faculty.
- 3.2 We will strengthen scholarship within our Family Medicine residencies by implementing faculty-mentored, longitudinal quality improvement projects for each resident.
- 3.3 We will strengthen the integration between our Preventive Medicine residency and our research faculty to enhance the breadth of Preventive Medicine resident projects and to support Departmental research

Department Leadership

Dan Lasser	Chair
Bob Baldor	Vice Chair, Education
Dennis Dimitri	Vice Chair, Clinical Services
Warren Ferguson	Vice Chair, Community Health
Linda Weinreb	Vice Chair, Research
Alan Chuman	Academic Administrator
Mark Quirk	Associate Chair for Academic Programs Director, Center for Clinical Communication and Performance Outcomes
<u>Pre-doctoral</u>	
Frank Domino	Pre-doctoral Director
Mary Lindholm	Director, Third Year Clerkship
Mick Godkin	Director, Population Health Clerkship and Director, International Medical Education Co-Director, Summer Research Fellowship Program
Judy Savageau	Director, Senior Scholars Program
<u>Graduate</u>	
Stacy Potts	Director, Worcester Family Medicine Residency
James Broadhurst	Associate Director, Worcester Family Medicine Residency
Margo Kaplan-Gill	Director, Memorial Maternal Child Health Service
Allison Hargreaves	Associate Residency Director and FMIS Director, Worcester FMR
David Gilchrist	Associate Residency Director, Worcester FMR Education Director, Hahnemann Family Health Center
James Ledwith	Director, Fitchburg Family Medicine Residency
Beth Mazyck	Senior Vice President for Clinical Services, Community Health Connections FHC Director of Medical Education, Fitchburg Family Medicine Residency
Nicholas Apostoleris	Vice President for Behavioral Health Services, Community Health Connections FHC Residency Director, Behavioral Sciences, Fitchburg FMR
Herb Stevenson	Director, Sports Medicine Fellowship
Alexander Blount	Director, Behavioral Science
Christine Runyan	Associate Director, Behavioral Science Director, Post-Doctoral Fellowship in Primary Care Psychology
Alexa Connell	Assistant Director, Center for Integrated Primary Care
Jackie Coghlin-Strom	Director, Preventive Medicine Residency Worcester Faculty Director, MPH program
<u>Community Health</u>	
Suzanne Cashman	Director, Community Health
<u>Clinical Services</u>	
Gerald Gleich	Medical Director, Hahnemann Family Health Center
Stephen Earls	Medical Director, Barre Family Health Center
Michael Reyes	Medical Director, Family Medicine Services, University Campus
Kimberly Eisenstock	Associate Chief, Family Medicine Hospital Medicine Service
Anita Kostecki	Director, Maternal and Newborn Inpatient Services
<u>Affiliates</u>	
Frances Anthes	President and CEO, Family Health Center of Worcester
Toni McGuire	President and CEO, Edward M. Kennedy Community Health Center
Michele Pici	Medical Director, Edward M. Kennedy Community Health Center
Joseph Gravel	Chief Medical Officer/Residency Program Director, Greater Lawrence FHC
Mick Huppert	Chief Executive Officer, Community Health Connections Family Health Center

***Our Department sets the highest standard of patient care, education,
and research in family medicine
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