



**CENTER FOR CLINICAL AND  
TRANSLATIONAL SCIENCE**

**UMCCTS Pilot Project Program Awardees**

2022 PPP		
UMass PI and Collaborator (s)		
<p><b>Yu Chen PhD</b></p> <p><b>Babak Movahedi MD, PhD</b></p> <p><b>Haichong Zhang PhD</b></p>	<p>Associate Professor Department of Biomedical Engineering, UMass Amherst Adjunct Associate Professor Department of Radiology UMass Chan Medical School</p> <p>Assistant Professor Dept. of Surgery UMass Chan Medical School</p> <p>Assistant Professor Dept. of Biomedical Engineering Worcester Polytechnic Institute (WPI)</p>	<p>Automatic Wild-field Optical Imaging for Transplant Organ Viability Assessment</p>
<p><b>Katherine A Fitzgerald PhD</b></p> <p><b>Fiachra Emanuel Humphries PhD</b></p>	<p>Professor Dept. of Medicine UMass Chan Medical School</p> <p>Instructor Dept. of Medicine UMass Chan Medical School</p>	<p>STING Agonism for the Treatment of COVID-19</p>
<p><b>Joel Richter PhD</b></p>	<p>Professor Program in Molecular Medicine UMass Chan Medical School</p>	<p>Correction of Defective Splicing in Fragile X Syndrome with Therapeutic Potential</p>
<p><b>David M Harlan MD</b></p> <p><b>Yihao Zheng PhD</b></p> <p><b>Sally C Kent PhD</b></p> <p><b>Sambra Redick PhD</b></p>	<p>William and Doris Krupp Chair in Diabetes Professor of Medicine Division of Diabetes Diabetes Center of Excellence UMass Chan Medical School</p> <p>Assistant Professor, Mechanical Engineering Worcester Polytechnic Institute (WPI)</p> <p>Professor of Medicine, Diabetes Division Diabetes Center of Excellence UMass Chan Medical School</p> <p>Senior Research Scientist Program in Molecular Medicine Diabetes Center of Excellence UMass Chan Medical School</p>	<p>Isolated Single Islet Studies to Define the Factors Underlying the Heterogeneity of Islet and Peri-Islet Lymphocytic Infiltration in Human Type 1 Diabetes</p>

<b>Tianxiao Huan PhD</b>	Assistant Professor Ophthalmology and Visual Sciences UMass Chan Medical School	Dissecting Optical Coherence Tomography Features to Predict Risk of Future Advanced Age-related Macular Degeneration
<b>Johanna M. Seddon MD, ScM</b>	Professor Department of Ophthalmology and Visual Sciences UMass Chan Medical School	
<b>Yu Chen PhD</b>	Associate Professor Department of Biomedical Engineering, UMass Amherst Adjunct Associate Professor Department of Radiology UMass Chan Medical School	
<b>Anna Luisa Kuhn MD, PhD</b>	Assistant Professor Radiology UMass Chan Medical School	A Deep Learning-Based Real-Time Vascular Anatomy Assessment Tool for Emergency Stroke Interventions
<b>Mohammed Salman Shazeeb PhD</b>	Assistant Professor Department of Radiology UMass Chan Medical School	
<b>Clifford Grant Lindsay PhD</b>	Assistant Professor Department of Radiology UMass Chan Medical School	
<b>Adam Lammert PhD</b>	Assistant Professor Biomedical Engineering Worcester Polytechnic Institute (WPI)	Tinnitus Characterization Using Reverse Correlation with Applications to Retraining Therapies
<b>Divya Chari MD</b>	Assistant Professor Otolaryngology Head & Neck Surgery UMass Chan Medical School	
<b>2021 PPP</b>		
<b>UMass PI and Collaborator (s)</b>		
<b>Claudio Punzo, PhD</b>	Associate Professor, Ophthalmology and Visual Sciences	Testing siRNA Therapeutics for the Treatment of Age-Related Macular Degeneration
<b>Mostafa Elfawal, PhD</b>	Instructor, Program in Molecular Medicine	Screening and Optimization of Luotonin Based Leads for Anti-Fungal and Anti-Helminths
<b>Reeta Rao, PhD</b>	Associate Dean of Grad. Studies, WPI	
<b>Sivappa Rasapalli, PhD</b>	Associate Professor, Chemistry Department, UMass Dartmouth	
<b>Mehdi Rashighi Firoozabadi, MD</b>	Assistant Professor, Dermatology	Roles of Cutaneous T Peripheral Helper Cells in Photosensitivity of Dermatomyositis
<b>Jillian Richmond, PhD</b>	Assistant Professor, Dermatology	
<b>Megan Orzalli, PhD</b>	Assistant Professor, Medicine	

<b>Jillian Richmond, PhD</b>	Assistant Professor, Dermatology	Examining Factors Governing T Lymphocyte Migration to the Skin During Cutaneous Lupus Erythematosus
<b>Mehdi Rashighi Firoozabadi, MD</b>	Assistant Professor, Dermatology	
<b>Kimberly A Fisher, MD</b>	Associate Professor, Medicine	Understanding Barriers to COVID-19 Vaccine Equity
<b>Kathleen M. Mazor, EdD</b>	Professor of Medicine	
<b>Sybil Crawford, PhD</b>	Professor of Biostatistics, School of Nursing	
<b>2018 PPP</b>		
<b>UMass PI and Collaborator(s)</b>		
<b>Gang Han, PhD</b>	Associate Professor, Biochemistry and Molecular Pharmacology	Nanoparticle-Instructed Cell Therapy
<b>Yubin Zhou, PhD</b>	Associate Professor, Institute of Biosciences and Technology, Texas A&M University	
<b>Jomol Mathew, PhD</b>	Chief Research Information Officer, UMMS	Pilot testing a wearable device to improve care and outcomes among mother-neonate dyad exposed to opioids during pregnancy
<b>Apurv Soni</b>	MD/PhD Student	
<b>Nisha Fahey</b>	Resident Physician, Pediatrics	
<b>Jeroan Allison, MD</b>	Professor, PQHS	
<b>Lawrence Rhein, MD</b>	Professor, Pediatrics	
<b>Tiffany Moore Simas, MD</b>	Associate Professor, OBGYN	
<b>Nancy Byatt, DO MBA</b>	Associate Professor, Psychiatry	
<b>2017 PPP</b>		
<b>UMass PI and Collaborator(s)</b>		
<b>Melissa Anderson, PhD</b>	Assistant Professor, Psychiatry	Creating the capacity to screen deaf women for perinatal depression
<b>Kelly Wolf Craig, PhD</b>	Clinical Psychologist, UMMS	
<b>Kathleen Biebel, PhD</b>	Associate Professor, Psychiatry	
<b>Benjamin Chen MD, PhD</b>	Assistant Professor, Pathology	Investigating the influence of the tumor immune microenvironment of human malignancies on tumor immunotherapy by utilizing humanized mouse models and patient-derived xenografts.
<b>Michael Brehm, PhD</b>	Associate Professor, Molecular Medicine	
<b>Giles Whalen, MD</b>	Professor, Surgery	

<b>Dale Greiner, PhD</b>	Professor, Molecular Medicine	
<b>Sarah Goff, MD</b> <b>Nancy Byatt, DO, MBA</b> <b>Tina Fioroni, MEd</b> <b>Annamarie Golden, MS</b> <b>Kathleen Szegda, PhD, MPH</b>	Associate Professor, Internal Medicine and Pediatrics, UMMS-Baystate  Associate Professor, Psychiatry  Behavioral Health Network, Inc.  Perinatal Support Coalition of Hampden County  Partners for a Healthier Community	Increasing postpartum depression screening and referral in primary care pediatric practices
<b>John Haran, MD</b>  <b>Vanni Bucci, PhD</b>	Assistant Professor, Emergency Medicine  Assistant Professor, Biology, UMass Dartmouth	Intestinal microbiome modeling to predict Clostridium difficile colonization in elderly hospitalized patients
<b>Katherine Luzuriaga, MD</b>  <b>Gary Ostroff, PhD</b>  <b>Eva Szomolanyi-Tsuda, MD</b>	Professor, Molecular Medicine  Professor, Molecular Medicine  Associate Professor, Pathology	An oral, bivalent Epstein-Barr virus vaccine with computationally determined viral glycoprotein epitopes
<b>Rene Maehr, PhD</b>  <b>Shelly Peyton, PhD</b>	Assistant Professor, Molecular Medicine  Associate Professor, Chemical Engineering, UMass Amherst	Combining pluripotent stem cells and organ engineering to develop thymic organoids for treatment and investigation of immune syndromes
<b>Jae-Hyuck Shim, PhD</b>  <b>Ellen Gravallesse, MD</b>  <b>Zheni Starve, MD</b>	Associate Professor, Medicine  Professor, Medicine  Instructor, Medicine	Development of a novel small molecule inhibitor as a therapeutic agent for spondyloarthritis
<b>2016 PPP Round 2</b>		
<b>UMass PI and Collaborator(s)</b>		
<b>Daryl Bosco, PhD</b>	Associate Professor, Neurology	Novel 'Nanobodies' as a Diagnosis and Therapeutic for ALS
<b>Silvia Corvera, MD</b>  <b>Janice Lalikos, MD</b>	Professor, Molecular Medicine  Professor, Surgery	Leveraging the basic cell biology of human adipose tissue to improve outcomes in wound healing and reconstructive surgery
<b>Robert Finberg, MD</b>  <b>Manuel Garber, PhD</b>  <b>Alex Shalek, PhD</b>	Professor, Medicine  Associate Professor, Molecular Medicine  Assistant Professor, Chemistry, MIT	Breakthroughs in Treating and Preventing Influenza with Single Cell Sequencing
<b>Ellen Gravallesse, MD</b>	Professor, Medicine	Development of an innovative treatment strategy for osteoporosis

Jae-Hyuck Shim, PhD	Assistant Professor, Medicine	
Ching Tung, PhD	Professor, Radiology, Weill Cornell Medicine	
<b>2016 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
<b>Sharone Green, MD</b>	Associate Professor, Medicine	Innate Immunity Recognition of Chikungunya Virus
<b>Kate Fitzgerald, PhD</b>	Professor, Medicine	
<b>Lawrence Hayward, PhD</b>	Professor, Neurology	A Humanized in vivo Model of Facioscapulohumeral Muscular Dystrophy
<b>Charlie Emerson, PhD</b>	Professor, Neurology	
<b>Wen-Chieh Lin, PhD</b>	Assistant Professor, Family Medicine and Community Health	Identify Community-Living Elders at High Risk of Falling for Targeted and Tailored Interventions
<b>Jeffrey J. Rade, MD</b>	Professor, Department of Medicine	Endothelial-Specific Thromboxane Metabolites as Novel Biomarkers for Cardiovascular Risk
<b>Wen Xue, PhD</b>	Assistant Professor, RNA Therapeutics Institute	CRISPR-Based Precision Medicine for Tyrosinemia
<b>2014 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
<b>Lucio H. Castilla, PhD</b>	Associate Professor, Program in Gene Function and Expression	Study the Efficacy of Novel Targeted Therapy Drug for inv16 Acute Myeloid Leukemia in vivo
<b>Nina Deng, Ed.D., MA</b>	Assistant Professor, Department of Quantitative Health Sciences	Statistical Significance and Power Analyses for Relative Validity Comparisons among Patient-Reported Outcome Measurement Tools
John E. Ware, Jr., PhD	Professor and Division Chief, Quantitative Health Sciences	
Jeroan Allison, MD, MS	Professor and Vice Chair, Department of Quantitative Health Sciences	
Arlene Ash, PhD	Professor and Division Chief, Department of Quantitative Health Sciences	
Hua Fang, PhD	Assistant Professor, Department of Quantitative Health Sciences	
<b>Anastasia Khvorova, PhD</b>	Professor, Department of Molecular Medicine, RNA Therapeutics Institute	Development of Novel Class of Therapeutic Oligonucleotides based on Small Molecule Screening
<b>John E. Landers, PhD</b>	Director, Center for ALS Genetics Day Neuromuscular Research Laboratory Associate Professor, Department of Neurology	Evaluation of Candidate ALS Genes by AAV9 Transgene Delivery into Mice

Beth A. McCormick, PhD	Professor, Microbiology and Physiological Systems	Semi-Synthetic Nanobug: Mimicking Bacterial Pathogens to Overcome Multidrug Resistance in Tumors
Gang Han, PhD	Assistant Professor of Biochemistry and Molecular Pharmacology	
Phillip D. Zamore, PhD	Gretchen Stone Cook Professor of Biomedical Sciences	Cell Type-specific Gene Silencing by Tethered microRNAs
Guangping Gao, PhD	Professor, Microbiology & Physiological Systems	
<b>2013 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
Jeffrey A. Bailey, MD, PhD	Assistant Professor, Division of Transfusion Medicine, Department of Medicine	Endemic Burkitt Lymphoma Transcriptome and Genome Profiles Associated with Clinical Presentation, Treatment Response, Relapse, and Survival
Ann M. Moormann, PhD, MPH	Associate Professor, Division of Pediatric Immunology & Infectious Diseases, Department of Pediatrics	
Michael R. Green, MD, PhD	Professor, Program in Molecular Medicine; Director, Program in Gene Function and Expression	Reactivation of the Inactive X-Linked <i>MECP2</i> Gene as a Therapeutic Strategy for Rett Syndrome
Sanchita Bhatnagar, PhD	Instructor, Program in Gene Function and Expression	
Andrei A. Korostelev, PhD	Assistant Professor, RNA Therapeutics Institute and Department of Biology & Molecular Pharmacology	Novel Therapeutic Routes against Premature-Termination Diseases
Wenjun Li, PhD	Associate Professor, Division of Preventive and Behavioral Medicine, Department of Medicine	Health Care Reform and Accessibility, Quality and Outcomes of AMI-Related Care
Robert Goldberg, PhD	Professor, Quantitative Health Sciences	
Joel M. Gore, MD	Professor, Division of Cardiovascular Medicine, Department of Medicine	
Joel D. Richter, PhD	Professor, Program in Molecular Medicine	Amelioration of the Fragile X Syndrome by Targeting the Translational Apparatus
Jean A. Frazier, MD	Robert M. and Shirley S. Siff Endowed Chair in Autism; Professor, Departments of Psychiatry and Pediatrics	
Jean A. King, PhD	Professor, Department of Psychiatry;	
Futai Kensuke, PhD	Assistant Professor, Department of Psychiatry, Neuropsychiatric Research Institute	

David M. McManus, MD, ScM, FACC, FHRS	Assistant Professor, Departments of Medicine and Quantitative Health Sciences	Cognitive and Psychosocial Characteristics in Patients Undergoing Treatment for Atrial Fibrillation: Relation to 6-month Clinical Outcomes
Jane S. Saczynski, PhD	Assistant Professor, Departments of Medicine and Quantitative Health Sciences	
Catarina Kiefe, PhD, MD	Professor and Chair, Department of Quantitative Health Sciences; Inaugural Melvin S. and Sandra L. Cutler Chair in Biomedical Research	
Robert Goldberg, PhD	Professor, Departments of Medicine Quantitative Health Sciences	
John F. Keane, Jr., MD	Chief, Division of Cardiovascular Medicine; Professor, Department of Medicine	
Kevin Floyd, MD	Assistant Professor, Department of Medicine	
Molly E. Waring, PhD	Assistant Professor, Quantitative Health Sciences	Impulsivity and Weight Gain During Pregnancy: The Roles of Excess Energy Intake, Food Reward Sensitivity, and the Food Environment
Tiffany Moore Simas, MD	Associate Professor, Departments of Obstetrics & Gynecology and Pediatrics;	
Sherry L. Pagoto, PhD	Associate Professor, Division of Preventive and Behavioral Medicine, Department of Medicine	
Barbara Olendzki, RD, MPH, LDN	Clinical & Research Nutritionist and Nutrition Program Director, Center for Applied Nutrition; Assistant Professor, Division of Preventive and Behavioral Medicine, Department of Medicine	
<b>2012 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
Hua (Julia) Fang, PhD	Assistant Professor, Division of Biostatistics and Health Services, Department of Quantitative Health Sciences (QHS)	A New Tool for Studying Heterogeneity of Treatment Effects in Longitudinal Translational Research
Joseph DiFranza, MD	Professor, Department of Family Medicine & Community Health	
Ann Moormann, PhD	Associate Professor, Pediatric Immunology & Infectious Diseases, Dept. of Pediatrics	
Yunsheng Ma, MD, PhD		

Sun S. Kim, PhD, RN	Associate Professor, Division of Preventive & Behavioral Medicine, Department of Medicine	
Thomas Houston, MD, MPH	Assistant Professor, Department of Psychiatry	
Bruce A. Barton, PhD	Professor, Quantitative Health Sciences	
Jeroan Allison, MD, MSc	Professor, Quantitative Health Sciences	
Arlene S. Ash, PhD	Professor & Vice Chair, Department of Quantitative Health Sciences	
	Professor, Quantitative Health Sciences	
<b>Brian C. Lewis, PhD</b>	Associate Professor, Program in Gene Function and Expression	Combined Inhibition of MEK and IGF1R as an Effective Therapeutic Strategy for Pancreatic Ductal Adenocarcinoma
Venu Bathini, MD	Assistant Professor, Department of Medicine, Division of Hematology and Oncology	
<b>Zuoshang Xu, PhD</b>	Professor, Department of Biochemistry and Molecular Pharmacology	Deliver RNAi for Treatment of Amyotrophic Lateral Sclerosis (ALS) Using AAV
Guangping Gao, PhD	Professor, Microbiology and Physiological Systems	
Robert Brown, Jr., MD, PhD	Professor and Chair, Department of Neurology	
<b>2010 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
<b>Kristina Deligiannidis, MD</b>	Assistant Professor of Psychiatry & Obstetrics & Gynecology	A Neuroendocrine and Neurochemical Biosignature in Late Pregnancy and its Association with the Development of Post-Partum Depression in Women
Anthony J. Rothschild, MD	Irving S. & Betty Brudnick Endowed Chair & Professor of Psychiatry	
Peter J. Schmidt, MD	Chief, Section on Behavioral Endocrinology at NIH/NIMH	
Neil Aronin, MD	Chief, Division of Endocrinology & Metabolism; Professor of Medicine; Cell Biology; Physiology	
Scott Shaffer, PhD	Research Professor of Biochemistry & Molecular Pharmacology	
Julia V. Johnson, MD	Professor & Chair of the Department of Obstetrics & Gynecology	



Bruce Barton, PhD	Research Professor of Quantitative Health Sciences	
<b>John E. Harris, MD, PhD</b>	Assistant Professor of Medicine, Division of Dermatology	Testing the Safety of Simvastatin as a New Treatment for Vitiligo
Bruce Barton, PhD	Research Professor of Quantitative Health Sciences	
<b>John E. Landers, PhD</b>	Associate Professor of Neurology, Director, Center for ALS Genetics, Day Neuromuscular Research Laboratory	Identification of Recessive Genes Causative for Parkinson's Disease Using Exome Sequencing
Stefano Goldwurm, PhD	Director of the "Parkinson Institute Biobank" at the Parkinson Institute in Milan, Italy	
<b>Phillip D. Zamore, PhD</b>	Gretchen Stone Cook Professor of Biomedical Sciences, Professor of Biochemistry & Molecular Pharmacology	Understanding the Consequences of Recombinant Adeno-Associated Virus-Mediated, Long-Term Inhibition of Mir-122 and Mir-33 in Mice
Guangping Gao, PhD	Professor, Microbiology and Physiological Systems	
<b>Milagros C. Rosal, PhD</b>	Associate Professor of Medicine, Division of Preventive & Behavioral Medicine	Percent Dietary Saturated Fat Composition in Pregnancy and Postpartum Weight Loss
Tiffany A. Moore Simas, MD, MPH, Med	Assistant Professor, Obstetrics & Gynecology & Pediatrics	
Silvia Corvera, MD	Professor of Molecular Medicine	
Sarwat Hussain, MD	Professor and Vice Chair of Radiology	
Barbara Olendzki, RD, MPH, LDN	Division of Preventive & Behavioral Medicine	
<b>Kristin Schneider, PhD</b>	Assistant Professor of Medicine	A Community-Based Social Networking Intervention to Increase Walking in Dog Owners
Stephenie Lemon, PhD	Associate Professor of Medicine, Director of the Worcester County Prevention Research Center	
Jessica Oleski MA	Project Director	
Deirdra Murphy, DPT	Assistant Professor of Physical Therapy, UMass Lowell	
Cynthia Ferrara, PhD	Associate Professor of Physical Therapy, UMass Lowell	
<b>2009 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>

<b>David Guertin, PhD</b>	Assistant Professor, Molecular Medicine	The Role of mTOR in Tumor Progression, and Fostering the Development of Novel mTOR Inhibitors for Use in Oncology
<b>Jennifer Tseng, MD, MPH</b> Victor Ambros, PhD Brian Lewis, PhD	Associate Professor, Surgery Professor, Molecular Medicine Associate Professor, Gene Function & Expression	Proteomic and MicroRNA Biomarkers for Malignancy in Cystic Pancreatic Lesions
<b>Leslie Berg, PhD</b> Joonsoo Kang, PhD	Professor, Pathology Associate Professor, Pathology	Inhibition of the Tec Kinase ITK as a Novel Treatment for Human Autoimmune Diseases
<b>Jan Cerny, MD, PhD</b> Shaoguang Li, MD, PhD Alan G. Rosmarin, MD	Assistant Professor, Medicine Associate Professor, Medicine, Hematology/Oncology Associate Professor, Medicine, Hematology/Oncology	Targeting of Stem Cells in Chronic Myeloid Leukemia Patients
<b>Elliot Androphy, MD</b> Stephen Miller, PhD	Professor, Medicine Assistant Professor, Medicine	Development of an E6 Inhibitor Medication
<b>2008 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
<b>Ellen Gravallese, MD</b> Gary Ostroff, PhD Nicole C. Walsh, PhD Alfonso Mora, DVM	Professor, Medicine & Cell Biology Professor, Molecular Medicine Instructor, Rheumatology/Medicine Instructor, Molecular Medicine	Orally Delivered siRNA Targeting MAP4K4 for the Treatment of Arthritis
<b>Michael Green, PhD, MD</b> Narendra Wajapeyee, PhD	Professor, Molecular Medicine Director, Gene Function & Expression Post Doc Associate, Gene Function & Expression	Role of IGFBP7 and IGFBP7 Pathway Components in the Development, Diagnosis and Treatment of Cancers Involving Oncogenic BRAF
<b>Timothy Kowalik, PhD</b> Laura Gibson, MD Nicholas Renzette, PhD Bornali Bhattacharjee, PhD Jeffrey Jensen, PhD	Associate Professor, Molecular Genetics & Microbiology/Vice Chair, Immunology & Virology Program Assistant Professor, Pediatrics & Medicine, Divisions of Infectious Diseases & Immunology Post Doc Fellow, Molecular Genetics & Microbiology Post Doc Fellow, Molecular Genetics & Microbiology Assistant Professor, Molecular Medicine	CMV-Specific Cellular Immunity and Genomic Variation

<b>Michel Albert, PhD</b>	Professor, Radiology Director, MRI Research Medicine & Physiology	New Technique for Understanding/Diagnosis of COPD: Hyperpolarized 3He MR Imaging
J. Mark Madison, MD	Professor, Molecular Medicine & Physiology Chief, Pulmonary, Allergy & Critical Care Medicine	
<b>Tiffany A. Moore-Simas, MD, MPH</b>	Assistant Professor, Obstetrics & Gynecology & Pediatrics	Angiogenic Biomarkers for the Prediction of Preeclampsia
Janet Hardy, PhD, MS, MPH	Instructor, Medicine, Preventive & Behavioral Medicine	
Sybil L. Crawford, PhD	Associate Professor, Medicine, Preventive & Behavioral Medicine	
Sharon Maynard, MD	George Washington University	
<b>2007 PPP</b>		
<b>UMass PI and Collaborator(s)</b>	<b>UMMS Worcester &amp; Other UMass Campus Collaborator(s) Title/Dept.</b>	<b>Project Title</b>
<b>Silvia Corvera, MD</b>	Professor, Molecular Medicine	Thiazolidione family of insulin sensitizers in humans
Richard Perugini, MD	Assistant Professor, Surgery	
Michael Thompson, MD	Assistant Professor, Medicine	
<b>Sherry Pagoto, PhD</b>	Assistant Professor, Preventive & Behavioral Medicine	Effective acute vagus nerve stimulation of eating behavior and appetite regulation
Jamie Bodenlos, PhD	Post Doc Fellow, Preventive & Behavioral Medicine	
Anthony Rothschild, PhD	Professor, Psychiatry	
Roger Davis, PhD	Professor, Molecular Medicine	
Yunsheng Ma, PhD	Assistant Professor, Preventive & Behavioral Medicine	
<b>David Paydarfar, MD</b>	Professor, Neurology & Physiology	Pathological disturbances in respiratory rhythm
Elisabeth Block Salisbury, PhD	Assistant Professor, Neurology & Pediatrics	
Premananda Indic, PhD	Instructor, Neurology	
Francis J. Bednarek, MD	Chief, Neonatology, Professor, Pediatrics/OB/GYN	
<b>Richard Perugini, MD</b>	Assistant Professor, Surgery	Molecular mechanisms of insulin in obese patients
Michael P. Czech, PhD	Professor & Chair, Program in Molecular Medicine	
<b>Jie Song, PhD</b>	Assistant Professor, Cell Biology, Orthopedics, & Physical Rehabilitation	New therapeutics strategy for the treatment of osteoporotic bony lesions

David Ayers, MD	Professor & Chair, Orthopedics	
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