New Faculty Orientation

Overview of
UMass Chan Medical School and
UMass Memorial Health

January 11, 2022
Welcome to UMass Chan Medical School

UMass Chan Year in Review
Goals for the New Faculty Orientation

✓ Provide an overview of UMass Chan Medical School and UMass Memorial Health system

✓ Introduce new faculty to the institution, its programs, processes and people

✓ Provide essential information that new faculty need to know for career advancement

✓ Provide a venue for networking among faculty
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Welcome&lt;br&gt;Mary Ahn, MD&lt;br&gt;Vice Provost for Faculty Affairs&lt;br&gt;Professor, Psychiatry and Pediatrics</td>
</tr>
<tr>
<td>8:05 am</td>
<td>Chancellor’s Welcome: Our Vision and Mission&lt;br&gt;Michael F. Collins, MD, FACP&lt;br&gt;Chancellor, UMass Chan Medical School&lt;br&gt;Senior Vice President for the Health Sciences, University of Massachusetts&lt;br&gt;Professor, Population and Quantitative Health Sciences and Medicine</td>
</tr>
<tr>
<td>8:20 am</td>
<td>Ice Breaker Activity&lt;br&gt;Mary Ahn, MD</td>
</tr>
<tr>
<td>8:40 am</td>
<td>Overview of UMass Chan Medical School&lt;br&gt;Mary Ahn, MD</td>
</tr>
<tr>
<td>9:00 am</td>
<td>BREAK</td>
</tr>
<tr>
<td>9:05 am</td>
<td>DRIVE: Diversity, Representation and Inclusion for Value in Education&lt;br&gt;Yasmin Carter, PhD&lt;br&gt;Assistant Professor, Radiology&lt;br&gt;Melissa Fischer, MD, MEd&lt;br&gt;Professor, General Internal Medicine&lt;br&gt;Associate Dean for Undergraduate Medical Education&lt;br&gt;Heather-Lyn Haley, PhD&lt;br&gt;Assistant Professor, Family Medicine &amp; Community Health</td>
</tr>
<tr>
<td>9:55 am</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Closing</td>
</tr>
</tbody>
</table>

**Breakout Room 1:** Seeking an Appointment to the Morningside Graduate School of Biomedical Sciences<br>Mary Ellen Lane, PhD<br>Professor, Department of Neurobiology<br>Dean, Morningside Graduate School of Biomedical Sciences

**Breakout Room 2:** Faculty Appointments/Promotions Overview<br>Susanne Muehlschlegel, MD, MPH<br>Professor, Department of Neurology
The Office of Faculty Affairs is the ‘Go-To’ Resource

Search is underway for the Associate Vice Provost for Faculty Development

Mary S. Ahn, MD, FAACP
Vice Provost for Faculty Affairs
Professor of Psychiatry and Pediatrics

Margie Rodriguez
Executive Assistant to the Vice Provost

Gennie Ludovico
Senior Academic Personnel Specialist
Resource: Appointments, Promotions, Tenure

Michelle R. Landry, MPH
Administrative Manager III

Katherine Conlon, MEd
Academic Personnel Specialist

Michelle R. Landry, MPH
Administrative Manager III

Katherine Conlon, MEd
Academic Personnel Specialist
For more information, visit the Office of Faculty Affairs website.
UMass Chan Medical School is one of five campuses within the UMass System.
Leadership responsibilities are divided between campus leadership and academics

**Campus Leadership**
- Finances and Administration,
- Human Resources, Legal, Diversity
- Communications, Advancement,
- Government Relations

**Academics**
- Oversight of 3 Schools
- Office of Research, UMCCTS
- Office of Education
- Office of Faculty Affairs
Academic Programs and Faculty are managed among the three Schools.

TH Chan School of Medicine
Dean
Terence Flotte, MD

Morningside Graduate School of Biomedical Sciences
Dean
Mary Ellen Lane, PhD

Tan Chingfen Graduate School of Nursing
Dean
Joan Vitello, PhD

Academic Departments (School of Medicine Faculty)
Undergraduate Medical Education
Graduate Medical Education

Graduate Programs
Postdoctoral Training

Nursing Faculty
Nursing Programs
3,423 Faculty have TH Chan Medical School Appointments.*

Employed (1,720)

- Medical School only: 635
- UMCCC only: 816
- UMCCC + Medical School: 269

Affiliate (1,139)

- (Primarily) Clinicians teaching in community & hospital practice:
  - UMCCC: 564

*As of June 30, 2021
UMass Chan–Baystate Regional Campus
(Springfield, MA)

Andrew Artenstein, MD
Regional Exec. Dean
UMass Chan-Baystate

- 564 affiliate faculty
- 12 academic departments
- Faculty from UMass Chan-Baystate serve on various committees:
  - Executive Council
  - Faculty Council
  - Admissions Committee
  - All Curriculum Committees
  - Vista Curriculum Development
  - Etc. as stated in SOM bylaws
All faculty have a primary appointment in either the TH Chan School of Medicine or Tan Chingfen Graduate School of Nursing.

Some faculty have a secondary appointment in the Morningside Graduate School of Biomedical Sciences.
Tan Chingfen Graduate School of Nursing Prepares practice-focused (DNP) and research-focused (PhD) nursing leaders.

- 265 students
- 167 faculty (31 core faculty)

Educational Programs:
- Graduate Entry Pathway (GEP)
- Masters & Post-Masters certificates
- Doctoral Programs: PhD, DNP

Nursing School Rank: #2 in Massachusetts
(Nursing Schools Almanac) #4 in New England
#23 in USA (public schools)
#41 in USA (all schools)
The Morningside Graduate School of Biomedical Sciences educates graduate students in research.

- PhD in Biomedical Sciences
  - 11 program concentrations

- Masters of Clinical Science Investigation

- Preparatory programs

- 301 PhD students

- 40 MD/PhD students

- 266 postdoctoral scholars

- 326 faculty
The TH Chan School of Medicine, founded in 1962, admitted its first class in 1970 and has >4000 alums.

Class size now 162/year
- 627 MD students
- 76 MD/PhD students
- 104 PURCH students

640 residents and fellows
- 24 accredited residencies
- 36 accredited fellowships
- 22 non-accredited fellowships
Admission into T.H. Chan Medical School is highly competitive.

Class of 2025
- Total Applications = 5,170
- In-state = 1,153
- Out-of-state = 4,017
- 7.7% of applicants admitted
Class of 2025 Profile (162 Students)

- Average GPA = 3.77
- Average MCAT Percentile = 87
- Average Age = 24
- Female = 111 (69%)
- Male = 51 (31%)
- Groups under-represented in medicine = 7
- Economically & Educationally Disadvantaged = 20
The TH Chan School of Medicine perennially ranks in the top 10% for education in primary care.

- UMass Chan Medical School ranks 10th among 182 accredited medical schools

- Ranked #1 in New England for Primary Care
UMass Chan Medical School has affiliations with other healthcare systems for medical student education — major affiliations shown on map

UMass Chan-Baystate Regional Campus
Population-based Urban and Rural Community Health (PURCH) Track — 28 students in 2023 Class

+ 25 other sites in New England
Excellence across Clinical, Education and Research Missions

**Blue Ridge Institute for Medical Research Rankings**

- **21st overall**, in NIH funding; received $290.9M in 2020 vs. $118.9M in 2007; public medical schools
- **1st** in NIH funding in Anatomy/Cell Biology in 2020; UMass Chan received $42M
- **2nd** in NIH funding in Emergency Medicine in 2020; UMass Chan received $7.5M
- **7th** in NIH funding in Internal Medicine in 2020; UMass Chan received $159.5M
- **16th** in NIH funding in Genetics in 2020; UMass Chan received $14.1M

**U.S. News and World Report**

- **10th** in Primary Care in 2020
- **27th** in Most Graduates practicing in Primary Care Fields in 2020
- **45th** in Research in 2020

**Association of University Technology Managers**

- **4th** among all U.S. institutions for generating income from the licensing of faculty derived discoveries/products in 2018; UMass Chan reported $146M

In 2007, UMMS had $175M in total research awards; In 2021, total research awards topped $400M.
## NIH Funding to New England Medical Schools

<table>
<thead>
<tr>
<th>Nat’l Ranking</th>
<th>Institution</th>
<th>NIH Funding Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Yale University</td>
<td>$512,119,543</td>
</tr>
<tr>
<td>38</td>
<td>Harvard Medical School</td>
<td>$169,951,393</td>
</tr>
<tr>
<td>47</td>
<td>Boston University School</td>
<td>$122,419,800</td>
</tr>
<tr>
<td>61</td>
<td>Dartmouth College</td>
<td>$70,769,035</td>
</tr>
<tr>
<td>66</td>
<td>Brown University</td>
<td>$61,523,616</td>
</tr>
<tr>
<td>69</td>
<td>University of Vermont</td>
<td>$59,098,259</td>
</tr>
<tr>
<td>72</td>
<td>UConn School of Medicine/Dentistry</td>
<td>$55,483,222</td>
</tr>
<tr>
<td>75</td>
<td>Tufts University School of Medicine</td>
<td>$51,743,352</td>
</tr>
</tbody>
</table>

#8 nationally among all public medical schools

Source: Blue Ridge Institute for Medical Research, 2020
UMass Chan faculty are world renowned.

1. Nobel Prize for Physiology or Medicine
   - Craig Mello

2. Albert Lasker Award for Basic Medical Research
   - Victor Ambros

3. Breakthrough Prize in Life Sciences
   - Victor Ambros

4. National Academy of Science Members
   - Victor Ambros
   - Roger Davis
   - Katherine Fitzgerald
   - Michael Green
   - Nikolaus Grigorieff
   - Craig Mello
   - Raul Padron

5. National Academy of Medicine Members
   - Robert H. Brown
   - Job Dekker
   - Kate Fitzgerald
   - Michael Green

6. American Academy of Arts & Sciences Members
   - Victor Ambros
   - Roger Davis
   - Michael Green
   - Craig Mello
   - Thoru Pederson

7. Howard Hughes Medical Institute Investigators
   - Job Dekker
   - Nikolaus Grigorieff
   - Craig Mello
   - Phillip Zamore

January 11, 2022
UMass Chan “University” Campus

New Education and Research Building
- *under construction*; 350,000 sq ft

Albert Sherman Center
- opened 2012; 512,000 sq ft

Lazare Research Building
- opened 2001; 360,000 sq ft

Memorial University Campus clinical facilities
- opened 2012; 512,000 sq ft

Ambulatory Care Center
- opened 2010; 253,000 sq ft

VA Outpatient Clinic
- *under construction*; 53,000 sq ft
State of the Art Research Facilities

Total Institutional Research Facilities, FY 2021 tops over 1 Million Square Feet

- Lazare Research Building, 2001; 360,000 sq ft
  Biochem/Mol Biotech, Cancer Biology, Neurobiology, Medicine

- VA Outpatient Clinic, 2021; 53,000 sq ft
  Clinical, education, research

- AMBULATORY CARE CENTER, 2010; 250,000 sf
  Mixed Clinical/Research space
  UMCCTS Clinical Research Center; Diabetes, Cardiovascular, & Cancer Center Trials

- Albert Sherman Center, 2012; 512,000 sq ft
  Gene Therapy Center, RNA Therapeutics, Population and Quant Health Sciences

- New Education and Research Building, Under construction; 350,000 sq ft
  Program in Molecular Medicine, Gene Therapy Center, Human Genetics, Neurobiology
The UMCCTS provides oversight for all human subject research, as well as cores, services, training, and funding to advance clinical and translational research, including:

**Institutional Review Board (IRB)**
Office of Clinical Research: Clinical Trials Agreements, clinical study and clinical trials budgets

**Clinical Research Center**: Experienced clinical trials personnel, regulatory support, facilities

**Cores**: Small Molecule Screening, Bioinformatics, Tissue Bank and Biorepository

**With PQHS**: Community Engagement, Informatics, and Quantitative Methods

UMCCTS
www.umassmed.edu/ccts

REQUEST SERVICES
https://www.umassmed.edu/ccts/request-services/

January 11, 2022
How We Excel – Core Facilities

- UMass Research Core Facilities
  - ~50 scientific cores available to all internal investigators for a fee-for-service charge
  - Offer a wide range of services to the research community including cutting-edge technologies, high-end instrumentation and technical support for basic, translational and clinical research
  - Core Directors are leaders in their fields, offer consultation on projects, and are collaborative partners
The public service and health care consulting division of UMass Chan

- Established in 1999
- Over 1,000 employees and annual revenues in excess of $250 M
- Partners with states and other entities to maximize federal support of health care expenditures
- Generated $2.2B in revenue and $4.55B in cost avoidance in FY21 for EOHHS agencies

Lisa Colombo, DNP, MHA
Executive Vice Chancellor
Commonwealth Medicine
Developer and manufacturer of vaccines and biologics

- Founded in 1894 to provide vaccines and antisera to the citizens of Massachusetts

- Only FDA-licensed publicly-owned facility in US and approved for commercial production of Gene Therapy drugs in Europe

- Expertise from product discovery to product and process development, clinical, registration and commercial production

  - More than 25 licensed vaccines and biologics. TDVax current licensed product supplies >50% of US market. Two recent MassBiologics discoveries (Zinplava & Rabishield) are licensed biologics.

  - Operating through partnerships, as a CDMO and commercialization of internal products

- Large scale, GMP capabilities across biological modalities from vaccines, proteins and mAbs to viral vectors and oligonucleotides

Mireli Fino, MBA
Executive Vice Chancellor
Mass Biologics
OUR MAJOR CLINICAL PARTNER

16,500 + Caregivers
One Mission

UMass Memorial Health

4 Owned Hospitals on 10 Campuses
- HealthAlliance-Clinton Hospital
- Leominster Campus
- Fitchburg Campus
- Clinton Hospital
- Harrington HealthCare Southbridge
  Webster
- Marlborough Hospital
- Medical Center
  - University Campus
  - Memorial Campus
  - Hahnemann Campus
  - City Campus

Outreach Labs Joint Venture w/ Quest Diagnostics
Joint Venture w/ Shields MRI
Community Healthlink (CHL)

Life Flight

Accountable Care Organization (ACO)
5 CareWell Urgent Care Centers
Medical Group w/ 1,100+ physicians

4 Affiliate Hospitals:
- Heywood
- Milford
- Day Kimball
- Holyoke

1,700+ physicians in our Managed Care Network
70+ office-based community practices

Specialty Pharmacy
Ambulatory Surgery Center
Fairlawn Rehabilitation Hospital
Hospital for Behavioral Medicine

DFCI Collaborative

640 + Residents / Fellows
UMass Memorial Medical Group is a dedicated, multispecialty network of more than 1,100 doctors who serve at more than 200 health care facilities throughout Central Massachusetts. One of the largest group medical practices on the East Coast, we also are the clinical partner of the UMass Chan Medical School.

UMass Memorial Medical Group is focused on four priorities to drive improvement of both the patient and physician experience. These are our LEAD priorities (Lean, Engagement, Access, Diversity):

**Lean/Leadership Development**
*Disseminate LEAN management tools to all physicians and offer leadership development to our providers*

**Physician Engagement**
*Work together to combat the effects of burnout — and help elevate physician satisfaction*

**Access - (Inpatient/ED and Ambulatory)**
*Continue to work with UMass Memorial leadership, as well the leaders of other entities where we provide services, to make it as easy as possible for our patients to receive our exceptional care*

**Diversity**
*Make sure we learn from each other and make the Medical Group a safe community where everyone feels that they belong – no matter their color, culture, religious belief or sexual orientation*
### OUR HOSPITALS

**4 Hospitals / 11 Campuses**

- **UMASS MEMORIAL MEDICAL CENTER**
  - University Campus (ER)
  - Memorial Campus (ER)
  - Hahnemann Campus
  - City Campus

- **HEALTH ALLIANCE – CLINTON**
  - Leominster Campus (ER)
  - Clinton Campus (ER)
  - Fitchburg (Burbank) Campus

- **MARLBOROUGH HOSPITAL**
  - Marlborough Campus (ER)

- **HARRINGTON HOSPITAL**
  - Southbridge (ER)
  - Charlton
  - Webster (ER)

### OUR DOCTORS

**1,700 Physicians in Central MA**

- **UMASS MEMORIAL HEALTH & UMASS MEMORIAL MEDICAL GROUP**
  - 1,300 Physicians
  - Doctors that work directly for UMMHC

- **MANAGED CARE NETWORK**
  - 500 Physicians
  - Independent Doctors that work primarily with the UMMHC Hospitals and system

- **COMMUNITY PRACTICES**
  - 70+ Office-based community practices across central MA

### OUR SERVICES

- **8 Urgent Care Centers**
  - **WORCESTER**
    - 348 Greenwood Street (CareWell)
    - 500 Lincoln Street (CareWell)
  - **FITCHBURG**
    - 380 John Fitch Highway (CareWell)
  - **LEOMINSTER**
    - 510 North Main Street
  - **MARLBOROUGH**
    - 757 Boston Post Road (CareWell)
  - **NORTHBOROUGH**
    - 333 Southwest Cutoff (CareWell)
  - **OXFORD**
    - 78 Sutton Ave
  - **WEBSTER**
    - 340 Thompson Road (E.R. Open 24/7)

### OUR AFFILIATIONS

- **AMBULATORY SURGICAL CENTER**
  - High quality, cost-effective advanced day surgery procedures
  - State of the art facility

- **LAB & MRI**
  - Partnership with QUEST Diagnostics
  - Partnership with Shields MRI

- **SPECIALTY PHARMACY**

- **AFFILIATED HOSPITALS**
  - Heywood Hospital, Athol Hospital
  - Milford Regional Hospital
  - Day Kimball Health Care
  - Holyoke Hospital
  - Berkshire Healthcare

### BEHAVIORAL HEALTH

- Community Healthlink
- Hospital for Behavioral Medicine
- Medical Center’s Outpatient Psychiatry: 100 Century Drive
- Medical Center’s Inpatient Psychiatry Unit
- Psychiatric Treatment and Recovery Center
- Emergency Mental Health Services
- Child and Adolescent Psychiatry
- Women’s Mental Health Services
- Psychiatry Program at Marlborough Hospital
- Behavioral Health Services at HealthAlliance-Clinton Hospital
- New Behavioral Health Unit at Harrington Hospital

---

**January 11, 2022**

---

**UMASS MEMORIAL HEALTH: WHO WE ARE**

---

**THE RELENTLESS PURSUIT OF HEALING**

---

**32**
Our True North:
Best place to give care, best place to get care.
Transformational Gift Leads to UMass Chan Medical School Renaming

- **$175 million donation from The Morningside Foundation*** announced 9/7/21
- The largest ever gift received by any UMass campus
- Unrestricted gift more than doubles the Medical School’s endowment

*The Morningside Group was founded in 1986 by the Chan family of Hong Kong to make venture capital and private equity investments. The Morningside Foundation is the philanthropic arm of the company.

**Gerald Chan is the son of the late T.H. Chan, a graduate of the Harvard School of Public Health, which now bears his name; T.H. Chan’s donation was the largest philanthropic gift in Harvard’s history.*

January 11, 2022
Any questions?

Office of Faculty Affairs (OFA):
Faculty.Affairs@umassmed.edu
508-856-3244

Visit our website
www.umassmed.edu/ofa

Or Email Mary Ahn, MD
Mary.Ahn@umassmed.edu