

The University of Massachusetts Medical School (UMMS) includes the School of Medicine, Graduate School of Nursing and Graduate School of Biomedical Sciences. Established in 1962, UMMS is recognized as a world-class research institution, one of the fastest-growing in the United States, and is proud of the innovative education it provides for our future physicians, scientists, nurses, and health care leaders. UMMS scientists take a whole-body approach to understanding the root causes of disease and reasons for disease progression. These findings are applied to clinical research and used to develop and evaluate new medicines and treatments. Our researchers have made pivotal advances in HIV, cancer, diabetes, infectious disease, and in understanding the molecular basis of disease. Through its innovative research efforts, UMMS continues to advance the frontiers of medicine and build on past advancements that are at work saving and transforming lives around the world.

UMass Memorial Health Care is the region's trusted academic health system, committed to improving the health of the people of Central New England through excellence in clinical care, service, teaching and research. UMass Memorial Medical Center includes three campuses located in Worcester, Massachusetts. The University, Memorial and Hahnemann Campuses offer a full complement of sophisticated technology and support services, providing the region with specialists renowned for their clinical expertise in heart and vascular, orthopedics, cancer, emergency medicine, surgery, women's health and children's medical care. As the hub of an integrated health care system, UMass Memorial Medical Center is proud to partner with four community hospitals: Clinton Hospital, HealthAlliance Hospital, Marlborough Hospital and Wing Memorial Hospital. In addition, the UMass Memorial network of care includes community-based physician practices, home health, hospice, rehabilitation and behavioral health services.

Together, the University of Massachusetts Medical School and UMass Memorial Health Care form a vibrant academic health sciences center deeply committed to improving the health and well-being of the people of Massachusetts and the world through pioneering advances in education, research and health care delivery.

NUMBERS

UMass Memorial Health Care (As of September 30, 2009)	
Licensed Beds (plus 84 bassinets)	1,125
Admissions	58,278
Births	5,408
Emergency Room Visits	264,487
Ambulatory Visits	1,335,391
Inpatient/Outpatient Surgeries	40,688
Active Medical Staff	1,708
Registered Nurses	3,134
Employees	13,764

University of Massachusetts Medical School (As of January 1, 2010)	
Faculty	2,996
Basic Science	320
Clinical	2,513
Nursing	163

Students	
<i>School of Medicine</i>	
MD	439
MD/PhD	30
Alumni	3,215

<i>Graduate School of Biomedical Sciences</i>	
PhD	351
MD/PhD	24
PhD in Clinical & Population Health Research	19
PhD in Biomedical Engineering & Medical Physics	3
Master of Science in Clinical Investigation (MSCI)	10
Alumni	484

<i>Graduate School of Nursing</i>	
Master of Science	38
Graduate Entry Pathway	84
PhD	23
Doctor of Nursing Practice	12
Alumni	853

<i>Residents and Fellows</i>	540
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Research Funding (As of December 31, 2009)	
National Institutes of Health Funding	\$148,000,000
Total Amount of Research Funding	\$243,000,000

ADMINISTRATION

Michael F. Collins, MD
Chancellor
University of Massachusetts Medical School
Senior Vice President for the Health Sciences
University of Massachusetts

John G. O'Brien
President and CEO
UMass Memorial Health Care

Walter H. Ettinger, MD, MBA
President
UMass Memorial Medical Center

Terence R. Flotte, MD
Dean, School of Medicine
Provost and Executive Deputy Chancellor
University of Massachusetts Medical School

UMASS MEMORIAL HEALTH CARE HOSPITALS

UMass Memorial Medical Center
(Connecting University, Memorial and Hahnemann Campuses)
508-334-1000

Clinton Hospital
Clinton, MA
978-368-3000

HealthAlliance Hospital
Burbank Campus, Fitchburg, MA
978-343-5000
Leominster Campus, Leominster, MA
978-466-2000

Marlborough Hospital
Marlborough, MA
508-481-5000

Wing Memorial Hospital and Medical Centers
Palmer, MA

University of Massachusetts Medical School UMass Memorial Health Care

Your Academic Health Sciences Center

AT A GLANCE



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RECENT ACCOLADES AND AWARDS

American Heart Association Heart of Gold Award

Recognized for his role in enhancing the quality of life in the Central Massachusetts region and for his significant role in advancing the mission of the AHA (2010)
Robert Phillips, MD, PhD, professor of medicine, UMass Medical School, senior vice president and director, UMass Memorial Heart and Vascular Center of Excellence

American Hospital Association Board of Trustees Award

Presented to individuals or groups who have made substantial and noteworthy contributions to the work of the AHA
John G. O'Brien, president and CEO, UMass Memorial Health Care (2010)

American Urological Association Distinguished Contribution Award

Presented to individuals who have made outstanding contributions to the science and practice of urology
Michael Blute, MD, professor of surgery, UMass Medical School, director, UMass Memorial Cancer Center (2010)

Association of American Physicians (AAP)

A prestigious organization founded in 1885 for the advancement of scientific and practical medicine, the AAP comprises the best medical minds and serves as a forum to create and disseminate knowledge, and to provide role models for upcoming generations of physicians and medical scientists
Terence R. Flotte, MD, provost and executive deputy chancellor, UMass Medical School (2010)

Carnegie Foundation Community Engagement Classification

UMass Medical School in 2008 became the first academic health sciences center in the country selected for Community Engagement Classification by the prestigious Carnegie Foundation for the Advancement of Teaching, a recognition of the “collaboration between institutions of higher education and their larger communities—local, regional/state, national, global—for the mutually beneficial exchange of knowledge and resources”

Louisa Gross Horwitz Prize

Established by Columbia University to recognize outstanding contributions to basic research in the fields of biology and biochemistry
Victor R. Ambros, PhD, the Silverman Chair in Natural Sciences and professor of molecular medicine (2009)

Henry Ingersoll Bowditch Award for Excellence in Public Health

Awarded by the Massachusetts Medical Society to a Massachusetts physician who has demonstrated outstanding initiative, creativity and leadership in the field of public health outreach and advocacy
Michael Hirsh, MD, professor of surgery and pediatrics (2010)

Howard Hughes Medical Institute (HHMI) Early Career Scientists

Awarded by the prestigious nonprofit medical research organization to just 50 young investigators to support them at the beginning of their careers
Marc R. Freeman, PhD, assistant professor of neurobiology (2009)
Christopher M. Sasseti, PhD, assistant professor of molecular genetics & microbiology (2009)

2009 Betsy Lehman Award for Patient Safety

Recognized for their efforts in reducing health care-associated infections while also promoting a culture of safety
UMass Memorial Medical Center and Marlborough Hospital were the only winners in 2009, the first year that two hospitals from the same health care system won the award

National Institutes of Health Director's Transformative Award

Awarded by the NIH to financially support projects that have the potential to transform a field of science; \$6 million was awarded to develop a novel oral approach to deliver RNAsi for gene silencing
Michael P. Czech, PhD, chair and professor of molecular medicine (2009)

Thomson Reuters Top 100 Hospitals

UMass Memorial Medical Center was ranked among the 100 U.S. hospitals that set the nation's benchmarks for inpatient cardiovascular care. UMass Memorial is one of six hospitals in Massachusetts to be recognized (2008 and 2009)

U.S. News & World Report's annual “America's Best Graduate Schools”

Continuing its consistent rankings in the top 10 percent for primary care medical education, UMass Medical School ranked 9th in primary care education among the nation's 131 fully accredited medical schools and 25 schools of osteopathic medicine (2010)

Harold M. Weintraub Graduate Student Award – Sponsored by Fred Hutchinson Cancer Research Center

Recognizing the best graduate students in the nation and the world on the basis of the quality, originality and significance of their work
Pedro Batista (2010)
Chengjian Li (2010)

MORE POINTS OF PRIDE

American Academy of Arts and Sciences

One of the nation's most prestigious honorary societies, it recognizes individuals who have made preeminent contributions to their fields and to the world
Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator, the Blais University Chair in Molecular Medicine and professor of molecular medicine and cell biology (2008)

American Thoracic Society

One of ten recipients of the prestigious Parker B. Francis fellowship, a three-year faculty development award for pulmonary research
Christian Mueller, PhD, research assistant professor of pediatrics

Centers for Medicare and Medicaid Services

UMass Memorial Medical Center ranked number one in Massachusetts and New England and among the top five hospitals nationwide for surviving a heart attack (2008 and 2009)

Bill and Melinda Gates Foundation

One of 81 grants to researchers in 17 countries providing seed funding from the foundation's Grand Challenges Explorations initiative to explore how unique approaches can be used to prevent infectious disease
Mark Alkema, PhD, assistant professor of neurobiology
Stephen Miller, PhD, assistant professor of biochemistry & molecular pharmacology

Blue Distinction Centers for Knee and Hip Replacement and Bariatric Surgery®

UMass Memorial Medical Center was recognized by Blue Cross Blue Shield Association for its commitment to quality care, resulting in better overall outcomes for knee and hip replacement and bariatric patients.

Genome Technology “Tomorrow's Pl's”

Recognized in the magazine's annual listing of 10 rising young stars who are conducting innovative research in systems biology disciplines
Oliver J. Rando, MD, PhD, assistant professor of biochemistry & molecular pharmacology (2009)
Marian Walhout, PhD, associate professor of gene function and expression and molecular medicine (2009)

Howard Hughes Medical Institute Investigators (HHMI)

Recognizing the most promising scientists and their potential to make significant contributions to science, HHMI, a \$13 billion nonprofit medical research organization, employs over 300 eminent researchers at their respective institutions worldwide
Roger J. Davis, PhD, the H. Arthur Smith Chair in Cancer Research and professor of molecular medicine and biochemistry & molecular pharmacology
Michael R. Green, MD, PhD, the Lambi and Sarah Adams Chair in Genetic Research and professor of molecular medicine, biochemistry & molecular pharmacology and surgery
Craig C. Mello, PhD, the Blais University Chair in Molecular Medicine and professor of molecular medicine and cell biology
Melissa J. Moore, PhD, professor of biochemistry & molecular pharmacology
Phillip D. Zamore, PhD, the Gretchen Stone Cook Chair in Biomedical Sciences and professor of biochemistry & molecular pharmacology

W.M. Keck Foundation

Supports the pioneering work of leading researchers who are pursuing breakthrough discoveries and new technologies with lifesaving potential

W.M. Keck Foundation Medical Research Grant

Stephen J. Doxsey, PhD, professor of molecular medicine, biochemistry & molecular pharmacology and cell biology (2007)

Keck Distinguished Young Scholar in Medical Research

Phillip D. Zamore, PhD, the Gretchen Stone Cook Chair in Biomedical Sciences and professor of biochemistry & molecular pharmacology (2002)
Job Dekker, PhD, associate professor of biochemistry & molecular pharmacology (2007)

Lasker Award for Basic Medical Research

Considered by many to be the “American Nobel Prize,” this esteemed award recognizes contributions to scientific discovery that offer significant promise to mankind

Victor R. Ambros, PhD, the Silverman Chair in Natural Sciences and professor of molecular medicine (2008)

National Academy of Sciences

One of the highest honors that can be accorded a scientist or engineer, the Academy recognizes distinguished scholars engaged in research to improve the health, education and welfare of the population
Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator, the Blais University Chair in Molecular Medicine and professor of molecular medicine and cell biology (2005)
Victor R. Ambros, PhD, the Silverman Chair in Natural Sciences and professor of molecular medicine (2007)

National Cancer Institute Cancer Research Network Scholar Program

Outstanding junior investigators selected for its 20-month training to provide mentorship for developing research independence
Kathleen E. Walsh, MD, assistant professor of pediatrics (2009)

National Research Corporation

UMass Memorial was presented with the 2009/10 Consumer Choice #1 hospital award for having the highest quality and image for the sixth consecutive year

Nobel Laureate Physiology or Medicine

Awarded once a year by the Swedish Karolinska Institute and administered by the Nobel Foundation, a Nobel Prize recognizes the profound impact individuals can have on the global community and is regarded as the most prestigious award that a scientist can receive

Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator, the Blais University Chair in Molecular Medicine and professor of molecular medicine and cell biology (2006)

Society of Thoracic Surgeons

UMass Memorial was awarded a three-star rating for the third consecutive year—the highest designation for quality heart surgery programs and ranking the hospital among the top 13 percent of hospitals nationwide (2009)

U.S. Department of Health and Human Services

UMass Memorial's Transplant Program was awarded a Gold Medal of Honor for successfully increasing the number of organs available for transplantation (2009)

VISICU eLCU® Quality Consortium

UMass Memorial Medical Center has ranked number one since June 1997 for overall intensive care unit (ICU) quality of care as part of a national benchmarking study

Worcester District Medical Society Community Clinician of the Year

Bestowed in recognition of significant contributions to patients and the community
James B. Broadhurst, MD, MHA, medical director, Ronald McDonald Care Mobile (2010)
Linda D. Sagor, MD, MPH, chief, general pediatrics, clinical associate professor of pediatrics (2009)

A T A G L A N C E