

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 one of the fastest-growing research institutions in the United States and is proud of the innovative education it provides for our future physicians, scientists, nurses, and health care leaders. UMass Medical School's research enterprise continues to advance the frontiers of medicine and build on past advancements that are at work saving and transforming lives around the world. Its scientists and physicians are motivated by the direct connection that exists between medical discovery, advanced health care and quality of life. By using basic research to examine cellular and molecular activity in the body, 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.

UMass Memorial Health Care is the region's trusted academic medical center, 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 member 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	
Licensed Beds (plus 84 bassinets)	1,101
Admissions	56,095
Births	5,176
Emergency Room Visits	252,383
Active Medical Staff	1,598
Registered Nurses	3,019
Employees	13,467

University of Massachusetts Medical School	
Students	
<i>School of Medicine</i>	
MD	419
MD/PhD	26

<i>Graduate School of Biomedical Sciences</i>	
PhD	366
MD/PhD	22
Master of Science in Clinical Investigation (MSCI)	6
Non-Degree	15

<i>Graduate School of Nursing</i>	
Master of Science	35
Graduate Entry Pathway	94
PhD	23
Doctor of Nursing Practice	4
Non-Degree	15

<i>Residents and Fellows</i>	537
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Research Funding	
(As of June 30, 2008)	
National Institutes of Health Funding	\$124,662,025
Total Amount of Research Funding	\$193,645,274

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, Inc.

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
Worcester, MA
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
413-283-7651

University of Massachusetts Medical School UMass Memorial Health Care

Your Academic Health Sciences Center

AT A GLANCE



UMASS MEMORIAL FOUNDATION



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ACCOLADES AND AWARDS

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)

Gairdner Foundation International Award

Hailed as the “Canadian Nobel,” this is one of the most prestigious international awards in medical research, recognizing medical scientists whose work will significantly improve quality of life worldwide

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

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)

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)

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

University of Massachusetts Medical School consistently ranks in the top 10 percent for primary care medical education

Thomson Healthcare

UMass Memorial Medical Center was recognized as a top 100 hospital for performance improvement in 2006, having made significant progress in enhancing hospital-wide performance over the past five years (2007)

Thomson Reuters Top 100 Hospitals

UMass Memorial Medical Center was ranked in the top 10% of 1,000 United States hospitals based on performance measures related to heart and vascular surgery outcomes (2008)

University HealthSystem Consortium

UMass Memorial Medical Center ranked ninth in the nation for quality and accountability among 83 academic medical centers (2007)

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)

Banting Medalist

American Diabetes Association’s highest honor for individual long-term achievement in the study of diabetes

Michael P. Czech, PhD, professor and chair of molecular medicine and professor of biochemistry & molecular pharmacology; also principal investigator of the University of Massachusetts Medical School Diabetes and Endocrinology Research Center (2000)

Benjamin Franklin Medal in Life Science

Awarded by The Franklin Institute, this honor recognizes outstanding achievement in science and technology

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

MORE POINTS OF PRIDE

Centers for Medicare and Medicaid Services

UMass Memorial Medical Center ranks number one in Massachusetts and number two in the United States for surviving a heart attack (2008)

Ellison Foundation’s Senior Scholar Award in Aging

Recognition given to established investigators pursuing high-risk research with potential for scientific impact worldwide

Stephen J. Doxsey, PhD, professor of molecular medicine, biochemistry & molecular pharmacology and cell biology (2007)
Heidi A. Tissenbaum, PhD, associate professor of molecular medicine (2007)
Marian Walhout, PhD, assistant professor of molecular medicine (2007)

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

Institute for Safe Medication Practices

UMass Memorial Medical Center was presented the annual Cheers Award in recognition of work to prevent medical errors and keep patients safe (2008)

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)

William L. Lane Advocate Award

Recognition by the Massachusetts Hospital Association for innovation, positive leadership and advocacy to achieve health care access, quality and safety for all

John G. O’Brien, president and CEO, UMass Memorial Health Care, Inc. (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 Rapid Access to Intervention Development Award

This award aims to accelerate the development of drug candidates and bring promising new drugs to clinical trials and was granted for clinical development of an anti-cancer agent called shepherdin

Dario C. Altieri, MD, the Eleanor Eustis Farrington Chair in Cancer Research and professor and chair of cancer biology (2006)

National Research Corporation

UMass Memorial was presented with the 2007/08 Consumer Choice #1 hospital award for having the highest quality and image for the fourth consecutive year — one of only three hospitals in Massachusetts

Pew Scholars in Biomedical Sciences

Pew Scholars Program supports young scientists with outstanding promise to advance human health

Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator, the Blais University Chair in Molecular Medicine and professor of molecular medicine and cell biology (1995)

Phillip D. Zamore, PhD, the Gretchen Stone Cook Chair in Biomedical Sciences and professor of biochemistry & molecular pharmacology (2000)

Lambertus van den Berg, PhD, assistant professor of molecular medicine (2005)

Presidential Early Career Award for Scientists and Engineers

The highest honor bestowed by the U.S. government to recognize the country’s most talented rising scientific stars

Neal S. Silverman, PhD, associate professor of medicine (2005)

JeanMarie Houghton, MD, PhD, associate professor of medicine and cancer biology (2007)

Chitranjan Ranawat Award from The Knee Society

Recognition given to researchers for the important contribution made to the field of total knee replacement surgery

David C. Ayers, MD, the Pappas Chair of Orthopedics and Physical Rehabilitation and professor of orthopedics and physical rehabilitation (2008)

Patricia D. Franklin, MD, MBA, MPH, director of clinical research in orthopedics and physical rehabilitation, the Joy McCann Professor for Women in Medicine and associate professor of orthopedics and physical rehabilitation (2008)

Royal Society

The world’s oldest scientific academy represented by the most eminent scientists renowned for their scientific excellence and leading-edge research

Roger J. Davis, PhD, Howard Hughes Medical Institute Investigator, the H. Arthur Smith Chair in Cancer Research and professor of molecular medicine and biochemistry & molecular pharmacology (2002)

Society of Thoracic Surgeons

UMass Memorial was awarded a three-star rating—the highest designation for quality heart surgery programs and given to only 12 percent of hospitals nationwide (2007)

U.S. Department of Health and Human Services

UMass Memorial’s Transplant Program was awarded second Medal of Honor for excellence in recovering organs for transplantation (2006)