



# HALL OF HONOR

UNIVERSITY OF MICHIGAN MEDICAL SCHOOL



## HISTORY OF THE MEDICAL CENTER ALUMNI SOCIETY HALL OF HONOR

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The Medical Center Alumni Society's Hall of Honor, conceived as a permanent memorial, was unveiled during the University of Michigan Medical School Sesquicentennial Celebration in 2000. Seventy-six distinguished medical professionals were elected to initiate the Hall of Honor, with plans to elect additional honorees every five years.

The initial honorees were selected after an extensive review of the records and accomplishments of hundreds of remarkable men and women. Each honoree had ties to the University, the Hospital or the Medical School and had a profound influence on their specialized areas of interest and expertise.

The late George W. Morley (M.D. 1949, Residency 1954) chaired the first selection committee, and described the process as follows:

"The individuals chosen were to have made a significant contribution — not just scientific — to the field of medicine, here or elsewhere, some time during their professional lifetime...They had to have been associated with Michigan medicine as a

graduate of the Medical school, a resident or fellow, a postdoctoral fellow and/or a faculty member of this University." To earn a plaque in the Hall of Honor, Dr. Morley explained, a nominee had to be an outstanding scientific contributor, a superb educator or a highly regarded individual in a long leadership role.

Each of those prerequisites apply to Dr. Morley himself, who died in February 2005 after a distinguished 50-year career at the University of Michigan Medical School as a student, highly regarded physician and widely admired teacher. A plaque commemorating his enormous contributions to the University and his profession hangs among the 30 preeminent physicians, scientists and educators representing the 2006 additions to the Hall of Honor.

As a member of the first induction committee, Robert Bartlett (M.D. 1963) worked closely with Dr. Morley. In 2005 Dr. Bartlett chaired the second MCAS Hall of Honor committee to select the 2006 honorees.



## HALL OF HONOR INDUCTION CEREMONY

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MARCH 16, 2006

4:00 – 6:00 PM

WELCOME

JAMES E. WASCO, M.D.

President of the Medical Center Alumni Society

A HISTORICAL OVERVIEW OF THE HALL OF HONOR

TIMOTHY J. LAING, M.D.

Selection Committee Member

INDUCTION OF HONOREES

ALLEN S. LICHTER, M.D.

Dean of the Medical School

Newman Family Professor of Radiation Oncology

MEDICAL CENTER ALUMNI SOCIETY  
HALL OF HONOR SELECTION COMMITTEE

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DAVID G. ANDERSON, M.D.  
**RUDI ANSBACHER, M.D., M.S.**  
**ROBERT BARTLETT, M.D., CHAIR**  
RICHARD BATES, M.D.  
THOMAS BERGLUND, M.D.  
GEORGE L. BLUM, M.D.  
ROGER BOLES, M.D.  
AL BURDI, PH.D.  
DAVID M. BURKONS, M.D.  
**CLIFFORD CRAIG, M.D.**  
CHARLES DANEK, M.D.  
WALTER DISHELL, M.D.  
JEFFREY DUNN, M.D.  
LINDA DUNN, M.D.  
WILLIAM H. GAASCH, M.D.  
JULIUS M. GARDIN, M.D.  
MICHAEL GIACALONE, JR., M.D.  
WILLIAM R. HART, M.D.  
PAUL E. HODGSON, M.D.  
GORDON L. KAUFFMAN, M.D.  
**DICK KRAFT, M.D.**  
**TIM LAING, M.D.**

DAVID J. MILLARD, M.D.  
CHARLES MUELLER, M.D.  
W. KIRT NICHOLS, M.D.  
**WILLIAM R. OLSEN, M.D.**  
DON OVERY, M.D.  
JACK PEIRCE, M.D.  
**ROBERT REED, M.D.**  
FRANK RITTER, M.D.  
**ELIZABETH SCHMITT, M.D.**  
**TERRY M. SILVER, M.D.**  
MARSHALL STROME, M.D., M.S.  
**ALAN SUGAR, M.D.**  
KENNETH VANDER KOLK, M.D.  
NEAL VANSELOW, M.D.  
TOM VARBEDIAN, M.D.  
JAMES WASCO, M.D.  
JOHN G. WEG, M.D.  
KEN WEISS, M.D.  
**WALTER M. WHITEHOUSE, JR., M.D.**

ALL MEMBERS EVALUATED NOMINEES. BOLD  
INDICATES FINAL SELECTION COMMITTEE.

2006 INDUCTEES

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MURRAY R. ABELL

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1920 – 2003  
M.D., 1944 AND PH.D., 1951  
UNIVERSITY OF WESTERN ONTARIO

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For nearly three decades, residents in pathology as well as obstetrics and gynecology at the University of Michigan Medical School were guided and inspired by Murray "Gus" Abell. While best known for his diagnostic expertise and research in gynecologic pathology, Abell had a keen interest in many other types of pathology, and was a valued member of the Postgraduate Medical Education Department. A tireless teacher and highly regarded pathologist, Abell eagerly and willingly shared his extensive knowledge with others. After retiring from the Medical School in 1979, he became executive director of the American Board of Pathology, a position he held for 11 years. In the last years of his life, he traveled to Africa as part of the Worldwide Medical Missionaries, and volunteered at a clinic in Kenya. Abell's enthusiasm for his work and his willingness to help those in need continued until his death in 2003.



## MALCOLM A. BAGSHAW

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BORN 1925  
M.D., 1950, YALE UNIVERSITY

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A pioneer in the use of radiation therapy in the treatment of prostate cancer, Bagshaw's ground-breaking research and exhaustive clinical work resulted in the development of treatment techniques that are used throughout the nation. Bagshaw and his colleagues at Stanford University conducted a long-term study that

showed a significant number of patients with localized prostate cancer can be successfully treated with high-dose external beam radiation. He was awarded the Medal of Honor from the American Cancer Society, and achieved worldwide acclaim when he received the General Motors Kettering Award for his enormous contributions

to the field of oncology. He was a resident and junior clinical instructor at the University of Michigan from 1950 to 1952, and continues to serve in an emeritus status in the Department of Radiation Oncology at the Stanford University Medical Center.



## WILLIAM H. BEIERWALTES

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1916 – 2005  
M.D., 1941, UNIVERSITY OF MICHIGAN

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William H. Beierwaltes (M.D. 1941, Residency 1945) is one of the Medical School's true pioneers — a visionary physician and scientist who became a leading proponent for the use and development of nuclear medicine. During a 42-year career at Michigan, Beierwaltes helped create one of the nation's first divisions of nuclear medicine. In 1958 he wrote

*The Clinical Use of Radioisotopes*, one of the first textbooks on the subject. Beierwaltes was a major sponsor of research that resulted in the development of radiopharmaceuticals in worldwide use for the diagnosis and treatment of disorders of the adrenal cortex and medulla. He was also among the first to use radioactive iodine to treat diseases of the thyroid.

Beierwaltes was named director of the Medical School's Clinical Radioisotope Service in 1952. Under his leadership, it became the Division of Nuclear Medicine, and soon acquired an international reputation for scientific excellence and innovation.



## STANLEY COHEN

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BORN 1922

PH.D., 1948, UNIVERSITY OF MICHIGAN

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A biochemist who earned his doctorate at the University of Michigan, Cohen shared the 1986 Nobel Prize in Physiology or Medicine with Italian developmental biologist Rita Levi-Montalcini. They were honored for discoveries of fundamental importance in understanding the mechanisms which regulate cell and organ growth. Cohen looked back on his days in

Ann Arbor with fondness, and once recalled how he spent his nights collecting more than 5,000 earthworms on the U-M campus so he could study their metabolism and complete his thesis. Cohen, a native of Brooklyn, New York, who grew up as the son of an immigrant tailor and a housewife, has been honored with many top medical research awards, including

the 1986 National Medal of Science, the 1985 Gairdner Foundation International Award, and the 1986 Albert Lasker Basic Medical Research Award, which is considered second only to the Nobel Prize.



## MINOR J. COON

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BORN 1921

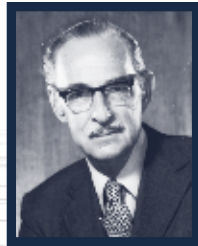
PH.D., 1946, UNIVERSITY OF ILLINOIS

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Internationally known for his major research breakthroughs in the area of biological chemistry, Coon's long-running relationship with the University of Michigan began in 1955 as a professor in the Medical School. In 1970, he was named chairman of the Department of Biological Chemistry, a post he held for two decades. Coon has published nearly 200 papers

detailing his work with the actions of certain enzymes. His research on cytochrome P-450, a family of enzymes the body uses to break down toxins, and make blood, is widely recognized for leading to a greater scientific understanding of the metabolism of drugs and other foreign compounds, the conversion of environmental chemicals to mutagens and

carcinogens and the physiological formation of steroid hormones. Coon has skillfully mentored more than 90 Ph.D. candidates and post-doctoral fellows in science during his career at Michigan, and many of them have gone on to high-profile careers in academe and industry.



## HORACE W. DAVENPORT

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1912 – 2005

PH.D., 1939, CALIFORNIA  
INSTITUTE OF TECHNOLOGY

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Horace W. Davenport, Ph.D., was a brilliant, world-renowned physiologist whose research explained how the stomach is able to digest food without harming itself. During his long and extraordinarily distinguished career at the University of Michigan, Davenport wrote three best-selling textbooks on acid-base chemistry and the physiology of the digestive tract. One of them, *The ABC of Acid-Base Chemistry*, has been translated into seven languages since its publication in 1947, and is now in its sixth edition. Davenport chaired the Department of Physiology for 22 years, and retired from active faculty status in 1983. His interest in medical history led to the publication in 1999 of *Not Just Any Medical School: The Science, Practice and Teaching of Medicine at the University of Michigan, 1850-1941*, an illuminating, entertaining and painstakingly researched work that is considered the definitive history of the U-M Medical School. Davenport died August 31, 2005. He was 92.



## MELVIN M. FIGLEY

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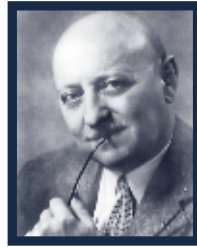
BORN 1920  
M.D., 1944, HARVARD UNIVERSITY

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A preeminent teacher and radiologist, Figley completed his residency at the University of Michigan in 1951. He remained at the Medical School until 1958, when he joined the University of Washington as professor and chairman of the Department of Radiology, a post he held for 20 years. As an educator, Figley was awarded the

University of Washington's Medical Teacher Honors in 1966, and received the Dean's Citation for Distinguished Teaching in 1985. He was invited to medical schools throughout the country as a visiting professor, and delivered seven named lectures. Figley also served on numerous editorial boards of radiology's most prestigious

publications. He received gold medals from the American College of Radiology, the American Roentgen Ray Society, the Radiological Society of North America and the Association of University Radiologists.



## RALPH WALDO GERARD

1900 – 1974

PH.D., 1921, UNIVERSITY OF CHICAGO · M.D., 1925, RUSH MEDICAL COLLEGE

An exceptionally productive and innovative researcher in the area of nerve physiology, Gerard is considered one of the major leaders in the emerging field of neuroscience during the mid-20th century. He was among the earliest scientists to study nerve chemistry and physiology in the 1920s, and was at the forefront in developing the electroencephalogram

as a test for detecting abnormalities in the electrical activity of the brain. At the University of Michigan in the 1950s, Gerard played a major role in the creation of the Mental Health Research Institute, which he and his colleagues envisioned as a center for an innovative multidisciplinary approach to solving scientific problems. He was a physician and scientist of

remarkable intelligence who at the age of 14 gained admission to the University of Chicago, where he went on to earn an undergraduate degree in chemistry, and achieve membership in Phi Beta Kappa.



## ROBERT GESELL

1886 – 1954

M.D., 1914, WASHINGTON UNIVERSITY, ST. LOUIS

Chair of the Department of Physiology from 1923 until his death in 1954, Gesell was a cardiovascular physiologist and noted researcher who turned his attention to the study of shock during World War I. Those investigations inspired him to concentrate on the relationship between blood flow and tissue function, and he published 25

in-depth papers on the subject between 1911 and 1921. As an administrator, Gesell planned the physiology space when the East Medical Building was constructed, and he was regarded as an outstanding recruiter who convinced top specialists to come to Ann Arbor. He and his assistants published more than 200

scientific papers about their research on pulmonary ventilation between 1923 and 1941. Gesell was also a leading advocate for the humane treatment of laboratory animals, and was the founder of the Animal Welfare Institute.



## ALBION WALTER HEWLETT

1874 – 1925

M.D., 1900, JOHNS HOPKINS UNIVERSITY

Hewlett, a native Californian, was a creative and innovative physician who arrived at the University of Michigan Medical School in 1908, and chaired the Department of Internal Medicine. He was among the first doctors in the country to use the electrocardiograph machine and recognize its potential as a diagnostic tool. Hewlett and

his associates conducted numerous experiments involving circulation of the blood and how to measure its flow through veins and arteries. His 1919 book, *Pathological Physiology of Internal Diseases*, was highly regarded at the time it was published, and it is still studied today as a historical work that offers an illuminating look

into how medicine was practiced and taught at that time. Hewlett remained at the University of Michigan for eight years before going to Stanford University, and was regarded as one of the finest teachers and researchers on the Medical School's faculty.



## WILLIAM N. HUBBARD JR.

BORN 1919

M.D., 1944, NEW YORK UNIVERSITY

Hubbard joined the University of Michigan in 1959 as dean of the Medical School. At 39, he was one of the youngest medical school deans in the nation. Hubbard revolutionized the job by becoming Michigan's first Medical School dean to devote full time to the post without being encumbered by a private medical practice or departmental administrative responsibilities. He was a gifted administrator and consensus builder who found creative ways to involve the entire faculty in the affairs of the school. He also spearheaded a \$33.5 million building renovation and construction program. Hubbard left the University in 1970, a year after he was given the added responsibility of directing the Medical Center. He became a vice president of the Upjohn Corporation, and remained a prominent figure in medical affairs who frequently served as a consultant to the U.S. government on health issues.



## HOWARD B. LEWIS

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1887 – 1954

PH.D., 1917, YALE UNIVERSITY

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Lewis came to Ann Arbor in 1921 after he was hired by the legendary Victor Vaughan as head of physiological chemistry (the name was changed to the Department of Biological Chemistry in 1935). In 1933, he added the directorship of the College of Pharmacy to his growing list of responsibilities, and remained in that post until 1947. During

the course of his 33-year career at the U-M and the Medical School, Lewis became a nationally recognized figure in the area of experimental biology, and he served on the National Commission on Nutrition. As a researcher, his focus was on glycogen deposition, uric acid excretion and amino acid metabolism.



## ALEXANDER R. MARGULIS

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BORN 1921

M.D., 1950, HARVARD UNIVERSITY

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Margulis came to the University of Michigan after earning his medical degree at Harvard, and in 1954 completed his residency in radiology. He began his academic career at the University of Minnesota as an assistant professor, then moved to Washington University in St. Louis as a full professor. In 1963, he was

named chair of the Department of Radiology at the University of San Francisco, and under his leadership the department earned a national reputation for excellence. A skilled and popular speaker, Margulis has appeared as a visiting professor or guest lecturer at institutions throughout the world. He is an important and

influential writer who has published more than 250 scientific papers, and written a number of highly regarded textbooks. One of them, *Alimentary Tract Radiology*, is considered the leading textbook in the field, and has been updated through several editions.



## WILLIAM MARTEL

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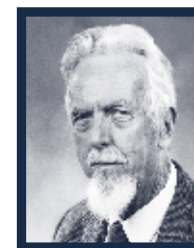
BORN 1927  
M.D., 1953, NEW YORK UNIVERSITY

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Professor emeritus in the Department of Radiology and a member of the U-M Cancer Center, Martel is widely known for his major contributions to the field of radiology as a specialist in the areas of musculoskeletal and gastrointestinal radiology. He joined the Medical School in 1957. He was director of diagnostic radiology from 1965 to 1975, and the department's

chairman from 1982 to 1992. An outstanding clinician and dedicated teacher, Martel led the department to national prominence, and brought many distinguished scientists to Ann Arbor. Martel received an Amoco Outstanding Teacher Award, and his elective course in radiology was one of the most popular in the Medical School. His book, *The Distinguished*

*History of Radiology*, is a tribute to the Medical School pioneers who founded and built the department. Throughout his career at the U-M, Martel was respected and admired for his accomplishments in research, clinical care and medical education.



## VINCENT MASSEY

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1926 - 2002  
PH.D., 1953, UNIVERSITY OF CAMBRIDGE (ENGLAND)

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Massey was considered the world's foremost authority on the chemistry of enzymes that use the vitamin riboflavin as a co-factor, and he detailed his research in more than 400 papers that were published during his career. Born in Australia and educated in both Australia and England, Massey came to Ann Arbor in 1963 as a professor of biological

chemistry, and was associated with the University of Michigan Medical School for nearly 40 years. His pioneering discoveries brought him wide recognition and numerous honors from the world's leading professional organizations and societies. Considered one of the outstanding biochemists of his generation, Massey was admired by both his colleagues

and his students, who found inspiration in his enthusiasm for basic research, as well as his exceptional skills at experimentation which established the University of Michigan as an international center for flavin research.



## GEORGE W. MORLEY

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1923 – 2005

M.D., 1949, UNIVERSITY OF MICHIGAN

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One of the nation's most respected gynecologic surgeons, George W. Morley (M.D. 1949, Residency 1954) spent five decades at the University of Michigan — first as a student, then as a skilled surgeon and valued member of the Medical School faculty. Morley served with exceptional distinction under five department heads. He was elected by his peers to the American College of Obstetricians and Gynecologists, the Society of Gynecologic Oncologists, the Society of Pelvic Surgeons and the Society of Gynecologic Surgeons. He was known nationally as one of the founding members of the gynecologic oncology subspecialty, and was program director of U-M's Gynecologic Oncology Fellowship for 15 years. When he was asked to look back on his long, distinguished and satisfying career, Morley summed it up with characteristic modesty and succinctness: "I got to treat (patients), and I got to train to treat. What more could one ask for?" Morley died in February 2005. He was 81.



## ELIZA MARIA MOSHER

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1846 – 1928

M.D., 1875, UNIVERSITY OF MICHIGAN

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Earning her medical degree from the University of Michigan in 1875, Mosher was an exceptional student who excelled academically and went on to begin a successful private practice in her home state of New York. Her male counterparts were less than cordial toward her and the 34 other women who began their medical studies at Ann Arbor in 1871. "I can

remember with contempt the loud and boisterous behavior of the 500 medics when we 35 in number entered the lecture room," she once wrote. But by the time of her graduation, she was able to say that she and her roommates were being invited "to dine with the men students in a club setting." In 1896, she was called back to the University of Michigan by then-

President James Angell to become the U-M's first dean of women and a professor of hygiene. She was the first female on the U-M's faculty, and she continued to serve in both posts, as well as those of professor of home economics, director of physical education and resident physician to women students, until 1902.



CARL A. MOYER

1908 – 1970

M.D., 1937, UNIVERSITY OF MICHIGAN

As a teacher, Moyer was greatly admired by students and residents for his ability to stimulate independent thought. He taught the importance of the scientific method, and emphasized the need for medical schools to insist on proven education skills as well as scientific and professional competence as the basis for faculty advancement.

Moyer earned his M.D. at Michigan in 1937, and remained in Ann Arbor as an assistant professor of surgery until 1946, when he was appointed research professor and chair of the Department of Surgery at Southwestern Medical School in Dallas, Texas. In 1951, he moved to Washington University in St. Louis, and remained

there until 1965, when he resigned to return to his home in Michigan's Upper Peninsula. He practiced general medicine there until his death in 1970 at the age of 62.



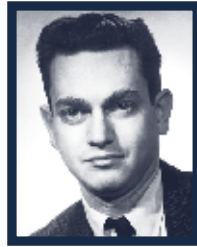
FREDERICK C. NEIDHARDT

BORN 1931

PH.D., 1956, HARVARD UNIVERSITY

A dedicated educator and researcher, Neidhardt has gained international recognition for his scientific work in bacterial physiology. The findings of his laboratory work, along with his ability to correlate specific gene products within the genes of *E. coli*, have made him the world's leading authority on the monumental task of indexing all of the proteins of a single organism. He has

been honored with numerous accolades and awards since arriving at the University of Michigan in 1970, and has received several honorary degrees from institutions in the U.S. and Europe. He was named president of the American Society for Microbiology in 1981, and has served as a key advisor to the National Institutes of Health and the National Science Foundation.



## MARSHALL NIRENBERG

BORN 1927

PH.D., 1957, UNIVERSITY OF MICHIGAN

A Nobel Prize-winning biochemist, Nirenberg earned his Ph.D. at the University of Michigan in 1957 by writing a dissertation on the uptake of hexose, a type of sugar, by tumor cells. After leaving Ann Arbor, he joined the National Institutes of Health as a fellow of the American Cancer Society, and in 1959 became a research biochemist in the Section of Metabolic

Enzymes. Working with Heinrich J. Matthaei, Nirenberg initiated a series of experiments using synthetic RNA. The experiments demonstrated how RNA transmits the “messages” that are encoded in DNA and direct how amino acids combine to make proteins. Their findings were made public at the International Congress of Biochemistry in Moscow in August

1961 and stunned the scientific world. In 1986, Nierenberg shared the Nobel Prize for Physiology or Medicine with Robert W. Holley and H. Gobind Khorana for their ground-breaking discoveries in the field of protein synthesis.



## WALTER J. NUNGESTER

1901 – 1985

M.D., 1934, NORTHWESTERN UNIVERSITY

A meticulous researcher who spent 34 years at the University of Michigan Medical School, Nungester chaired the Department of Microbiology from 1952 until 1970. As a scientist, he concentrated on the innate defense mechanisms of the host, and later in his career was able to apply those findings to the treatment of cancer. He set a high standard of excellence for his students, and emphasized the importance of conducting basic research on organisms relevant to human disease. Nungester’s talents and dedication were recognized nationally. He earned many awards and honors, and served as president for both the Michigan Society of Bacteriologists and the American Society for Microbiology. He was also governor of the American Academy of Microbiologists. Throughout his career, Nungester was considered a valuable consultant to the U.S. Army, the U.S. Navy, the U.S. Public Health Service and the American Cancer Society.



## GARDNER C. QUARTON

1918 – 1989

M.D., 1944, HARVARD UNIVERSITY

Quarton came to Ann Arbor in 1968 after directing the Neuroscience Research Program at Massachusetts Institute of Technology. A textbook he wrote at MIT, *The Neurosciences: A Study Program*, is considered enormously influential in the development of the neurosciences as a discipline. At Michigan,

Quarton demonstrated a remarkable range of intellectual and scientific interests, from cell biology to biological psychiatry. He was a skilled scientist and administrator who adeptly built bridges between clinical and basic research programs. He was director of the Mental Health Research Institute in the

Medical School's Department of Psychiatry from 1968 until 1983. He was a valued member of the Michigan Mental Health Advisor Council, and served as chair for many National Institutes of Health study sections.



## MICHAEL A. SAVAGEAU

BORN 1918

PH.D., 1967, STANFORD UNIVERSITY

Savageau became a member of the University of Michigan faculty in 1970. He chaired the Department of Microbiology and Immunology from 1993 until his retirement at the end of 2002. A pioneer in the field of biochemical systems analysis, he founded the U-M Bioinformatics Program in 1988, and served as its director until 2001. Savageau's book, *Biochemical Systems Analysis:*

*A Study of Function and Design in Molecular Biology*, is considered a classic and a forerunner to the field of functional genomics. He is a fellow of the American Association for the Advancement of Science and, since 2000, has chaired the Special Study Section on Biochemical Modeling at the National Institutes of Health.



RICHARD C. SCHNEIDER

1913 - 1986

M.D., 1939, UNIVERSITY OF PENNSYLVANIA

A dedicated and demanding teacher who was a medical pioneer in the study of spinal cord injuries, Schneider is remembered for holding his students to the highest standards of thoroughness and accuracy. After spending two years in Ann Arbor during the late 1940s, Schneider left the Medical School to serve in the U.S. Army, then returned as an assistant professor

in 1950. In 1969, he succeeded Edgar A. Kahn as head of neurosurgery, a position he held with skill and distinction for a decade. Schneider focused his scientific attention on the spine and spinal cord. He defined many of the traumatic spinal cord syndromes, and was the principal developer of a pneumatic football helmet that has protected players at

all levels of the sport. Schneider received many honors and awards during his distinguished career, and earned national and international recognition as a president of the American Association of Neurosurgery.



JOHN M. SHELDON

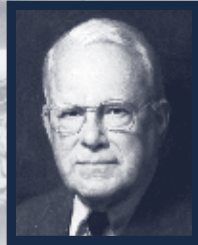
1905 - 1967

M.D., 1930, UNIVERSITY OF NEBRASKA

A perceptive educator and tireless researcher, Sheldon was recognized as one of the nation's most prominent allergists. He joined the University of Michigan Medical School as an intern in 1932, and in 1950 became a full professor of internal medicine. During his long career in Ann Arbor, Sheldon served as director of the Department of Post-Graduate

Medicine and chief of the allergy division. As William N. Hubbard Jr., dean of the Medical School, said after Sheldon's death in 1967, "In this day when one hears much about the narrowness of specialists and the movement of the patient away from the center of the physician's interest, Dr. Sheldon represented the great traditions of medicine...the

enthusiasm with which he taught, and the generosity with which he gave his good judgment and leadership to the profession of medicine will be long remembered by his students and colleagues."



## HERBERT SLOAN

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BORN 1914  
M.D., 1940, JOHNS HOPKINS  
UNIVERSITY

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A gifted surgeon and teacher, Sloan achieved national and international prominence as a pioneer in pediatric cardiac surgery. He was the first physician in the state of Michigan to perform open-heart surgery involving children on cardiopulmonary bypass. He was also one of the first physicians in the nation to successfully use surgical techniques to treat congenital heart disease. Sloan authored more than 150 peer-reviewed scientific articles and 14 book chapters, and has served the Medical Center in numerous capacities ranging from Chief of Clinical Affairs and Medical Director of Operating Rooms to Medical Director of the M-Care HMO. He has been professor emeritus of surgery since 1987.



## HAMILTON O. SMITH

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BORN 1931  
M.D., 1956, JOHNS HOPKINS UNIVERSITY

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A co-winner of the 1979 Nobel Prize in physiology or medicine, Smith earned his M.D. at Johns Hopkins in 1956. He arrived at the University of Michigan in 1964 with a postdoctoral fellowship in the Department of Human Genetics, and spent the next three years conducting genetic research in the laboratory of Myron

Levine. As Smith later said of his work with Levine, "He allowed me just the right blend of independence and encouragement." Inspired by the experience, Smith returned to Johns Hopkins in 1967 as an assistant professor of microbiology. He shared the Nobel Prize with Johns Hopkins colleagues Daniel Nathans and

Werner Arber after discovering and using certain enzymes that break down genetic material in connection with their studies of hereditary mutation in bacteria.



## RALPH A. STRAFFON

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1928 – 2004

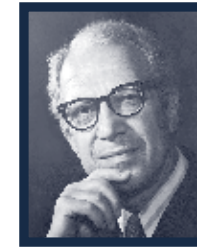
M.D., 1953, UNIVERSITY OF MICHIGAN

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A noted urologist and talented surgeon, Straffon earned both his undergraduate and medical degrees at the University of Michigan, and remained in Ann Arbor to complete his residency in 1956. After studying the artificial kidney machine at Boston's Peter Bent Brigham Hospital, he returned to the U-M and helped establish its first dialysis program.

He joined the staff of the Cleveland Clinic in 1959, and was named chief of staff in 1987 — a position he held until his retirement in 1999. As a U-M undergraduate, Straffon was a fullback on the varsity football team, and he helped lead the Wolverines to a 14-6 upset victory over the University of California-Berkeley in the 1951 Rose Bowl. Despite his long

list of major accomplishments as a physician, scientist and surgeon, Straffon always insisted the high point of his distinguished career was his election to the American College of Surgeons in 1980. He also served as the prestigious organization's president from 1991 to 1992.



## MYRON E. WEGMAN

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1908 – 2004

M.D., 1932, YALE UNIVERSITY

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When Benjamin Spock completed his classic work on child rearing, *The Common Sense Guide to Baby and Child Care*, the first person he asked to look over the manuscript was Myron Wegman. A renowned pediatrician whose unusually long and distinguished career spanned seven decades, Wegman served as dean of

the University of Michigan School of Public Health from 1960 until 1974. He was an early proponent of broad training programs to modernize maternal and child health care. From 1949 until 1997, Wegman assembled and published an annual summary of vital statistics — a highly regarded and widely circulated examination of

government records on births, fertility rates, infant mortality and other data. He was dean emeritus of the U-M School of Public Health at the time of his death in 2004 at the age of 91.



## THOMAS H. WELLER

BORN 1915  
M.D., 1940, HARVARD UNIVERSITY

The son of Carl Vernon Weller, a noted pathologist at the University of Michigan Medical School, Thomas H. Weller was born in Ann Arbor, attended public schools and obtained both his bachelor's and master's degrees at the University of Michigan. His M.S. degree was awarded for studies on the parasites of fish, conducted over two summers at the

U-M Biological Station. He went on to earn his M.D. at Harvard University Medical School in 1940. He served in the Army Medical Corps during World War II and was stationed at the Antilles Medical Laboratory in Puerto Rico for 32 months. In 1954, Weller shared the Nobel Prize in Physiology or Medicine with John Enders and

Frederick Robbins for their work in successfully cultivating poliomyelitis virus in tissue cultures. Their research made it possible to study the virus in a test tube — a procedure that led to the development of polio vaccines.

## INAUGURAL INDUCTEES

JOHN JACOB ABEL, M.D.  
(1857-1938) Pharmacologist

JOHN ALEXANDER, M.D.  
(1891-1954) Thoracic Surgeon

MATHEW ALPERN, PH.D.  
(1920-1996) Doctor of Optometry  
and Research Scientist

EDMUND ANDREWS, M.D.  
(1824-1904) Surgeon

CARL E. BADGLEY, M.D.  
(1893-1973) Orthopedic Surgeon

ALBERT MOORE BARRETT, M.D.  
(1871-1936) Psychiatrist and Neuropathologist

WILLIAM LEMUEL BENEDICT, M.D.  
(1885-1969) Ophthalmologist

DETLEV W. BRONK, PH.D.  
(1897-1975) Physiologist

HUGH CABOT, M.D.  
(1872-1945) Urologic Surgeon

ROY BISHOP CANFIELD, M.D.  
(1874-1932) Otolaryngologist

CHARLES GARDNER CHILD III, M.D.  
(1908-1991) Surgeon

FREDERICK AMASA COLLER, M.D.  
(1887-1964) Surgeon

JEROME W. CONN, M.D.  
(1907-1994) Endocrinologist

DAVID MURRAY COWIE, M.D.  
(1872-1940) Pediatrician

ELIZABETH CAROLINE CROSBY, PH.D.  
(1888-1983) Neuroanatomist

ARTHUR ROBERTSON CUSHNY, M.D.  
(1866-1926) Pharmacologist

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**RUSSELL N. DEJONG, M.D.**  
(1907-1990) Neurologist

**LYDIA ADAMS DE WITT, M.D.**  
(1859-1928) Pathologist and Research Scientist

**REED O. DINGMAN, M.D.**  
(1906-1985) Plastic Surgeon

**GEORGE DOCK, M.D.**  
(1860-1951) Internist and Clinical Pathologist

**HUBERT ARTHUR EATON, M.D.**  
(1916-1991) Physician and Surgeon

**CHARLES WALLIS EDMUNDS, M.D.**  
(1873-1941) Professor of Pharmacology

**HENRY FITZBUTLER, M.D.**  
(1842-1901) Physician and Educator

**CORYDON L. FORD, M.D.**  
(1813-1894) Surgeon

**F. BRUCE FRALICK, M.D.**  
(1903-1983) Ophthalmologist

**THOMAS FRANCIS, JR., M.D.**  
(1900-1969) Epidemiologist

**A. JAMES FRENCH, M.D.**  
(1912-1985) Pathologist

**GEORGE EDWARD FROTHINGHAM, M.D.**  
(1836-1900) Ophthalmic and Aural Surgeon

**ALBERT CARL FURSTENBURG, M.D.**  
(1890-1969) Otolaryngologist

**WILLIAM C. GRABB, M.D.**  
(1929-1982) Plastic Surgeon

**MOSES GUNN, M.D.**  
(1822-1887) Surgeon

**CAMERON HAIGHT, M.D.**  
(1901-1970) Thoracic Surgeon

**ALICE HAMILTON, M.D.**  
(1869-1970) Pathologist, Bacteriologist  
and Industrial Hygienist

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**PRESTON "POP" M. HICKEY, M.D.**  
(1865-1930) Roentgenologist

**FRED "TED" JENNER HODGES II, M.D.**  
(1895-1977) Radiologist

**JOHN FLOYD HOLT, M.D.**  
(1915-1991) Pediatric Radiologist

**GOTTHELF CARL HUBER, M.D.**  
(1865-1934) Professor of Anatomy

**CHARLES BRENTON HUGGINS, M.D.**  
(1901-1997) Professor of Surgery

**EDGAR A. KAHN, M.D.**  
(1900-1985) Neurosurgeon

**REUBEN LEON KAHN, SC.D.**  
(1887-1979) Scientist and Professor of Serology

**ISADORE LAMPE, M.D., PH.D.**  
(1906-1982) Professor of Radiology

**JACK LAPIDES, M.D.**  
(1914-1995) Urologist

**WILLIAM J. MAYO, M.D.**  
(1861-1939) Surgeon

**NORMAN FRITZ MILLER, M.D.**  
(1894-1990) Gynecologic Surgeon

**CHARLES B.G. DE NANCREDE, M.D.**  
(1847-1921) Surgeon

**JAMES VAN GUNDIA NEEL, M.D., PH.D.**  
(1915-2000) Scientist and Professor of Human Genetics

**REED M. NESBIT, M.D.**  
(1898-1979) Urologist

**LOUIS HARRY NEWBURGH, M.D.**  
(1883-1956) Scientist and Professor of  
Clinical Investigation

**FREDERICK G. NOVY, M.D.**  
(1864-1957) Bacteriologist and Physiological Chemist

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**ALONZO B. PALMER, M.D.**

(1815-1887) Physician and Surgeon

**WALTER R. PARKER, M.D.**

(1866-1955) Ophthalmologist

**BRADLEY MERRILL PATTEN, PH.D.**

(1889-1971) Embryologist

**MAX MINOR PEET, M.D.**

(1885-1949) Neurosurgeon

**REUBEN PETERSON, M.D.**

(1862-1942) Obstetrician and Gynecologist

**ZINA PITCHER, M.D.**

(1797-1872) Physician and Surgeon

**WILLIAM D. ROBINSON, M.D.**

(1911-1988) Professor of Internal Medicine

**ABRAM SAGER, M.D.**

(1810-1877) Physician and Professor of  
Obstetrics and Diseases of Women and Children

**MAURICE HARRISON SEEVERS, M.D., PH.D.**

(1901-1977) Professor of Pharmacology

**HENRY SEWALL, PH.D.**

(1855-1936) Professor of Physiology

**GEORGE LINIUS STREETER, M.D.**

(1873-1948) Professor of Anatomy

**CYRUS CRESSEY STURGIS, M.D.**

(1891-1966) Professor of Internal Medicine

**HOMER STRYKER, M.D.**

(1894-1980) Orthopaedic Surgeon

**ROBERT B. SWEET, M.D.**

(1917-1980) Anesthesiologist and Surgeon

**HARRY A. TOWSLEY, M.D.**

(1905-1993) Pediatrician

**BERTHA VAN HOUSEN, M.D.**

(1863-1952) Surgeon and Obstetrician

**JAMES GERRIT VAN ZWALUWENBURG, M.D.**

(1874-1922) Professor of Roentgenology

**VICTOR CLARENCE VAUGHAN, M.D., PH.D.**

(1851-1929) Professor of Hygiene and  
Physiological Chemistry

**RAYMOND W. WAGGONER, M.D.**

(1901-2000) Neuropsychiatrist

**ALDRED SCOTT WARTHIN, M.D., PH.D.**

(1866-1931) Professor of Pathology

**JOHN ELMER WEEKS, M.D.**

(1853-1949) Physician and Ophthalmologist

**CARL VERNON WELLER, M.D.**

(1887-1956) Pathologist

**WALTER M. WHITEHOUSE, M.D.**

(1916-1985) Radiologist

**UDO JULIUS WILE, M.D.**

(1882-1964) Physician and Professor  
of Dermatology and Syphilology

**J. ROBERT WILLSON, M.D.**

(1912-1993) Obstetrician and Gynecologist

**FRANK NORMAN WILSON, M.D.**

(1890-1952) Cardiologist

**JAMES LEROY WILSON, M.D.**

(1898-1978) Pediatrician

Inaugural inductees were inducted October 2000.



HALL OF HONOR

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