

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

EXH	MOTION	Maynard
	SECOND	White
	ACTION	APPROVED BY THE REGENTS
NOTE:		MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

David J. Anderson, Ph.D., professor of electrical engineering and computer science and professor of biomedical engineering in the College of Engineering and professor of otorhinolaryngology in the Medical School, will retire from active faculty status on May 31, 2005.

Professor Anderson received his B.S.E. degree from Rensselaer Polytechnic Institute (1961) and his M.S. (1963) and Ph.D. (1968) degrees from the University of Wisconsin. He joined the University of Michigan faculty as an assistant professor of electrical and computer engineering in 1970 and was appointed assistant professor of otorhinolaryngology in 1971. In both departments, he was promoted to associate professor in 1975 and professor in 1981. He was appointed professor of biomedical engineering in 1997. He served as associate chair of the electrical engineering and computer science department from 1989-96.

Professor Anderson's research occurred at the crossroads of engineering and neurophysiology and was a major force behind the emergence of the University as a leader in biomedical engineering. His work focused on understanding and optimizing the interface between electronic probes and the cellular world, digital processing of multi-channel neural signals, and coding of information in the auditory and vestibular nervous systems. Since 1981, Professor Anderson and his colleagues have worked to develop micromachined neural probes for multi-channel recording and stimulation in the central and peripheral nervous systems, essentially building a microelectronic interface to the brain. Their work on the "Michigan Probe" significantly affected the direction of systems neuroscience research throughout the world and served as a model for interdisciplinary research. The collaboration also led to the funding of a number of major research projects within the University, including the Center for Neural Communication Technology. Professor Anderson led the Biosystems Laboratory in the electrical engineering and computer science department and the Neural Signal Processing Laboratory in the Kresge Hearing Research Institute. He is a fellow of the American Institute of Medical and Biomedical Engineering.

The Regents salute this distinguished scholar by naming David J. Anderson professor emeritus of electrical engineering and computer science, professor emeritus of biomedical engineering, and professor emeritus of otorhinolaryngology.

Requested by:

Sally J. Churchill
Sally J. Churchill
Vice President and Secretary of the University

May 2005

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ACTION REQUEST

EXH	MOTION <i>Maynard</i>
	SECOND <i>White</i>
	ACTION APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Daniel Axelrod, Ph.D., professor of physics in the College of Literature, Science, and the Arts, and research scientist in the Biophysics Research Division, will retire from active faculty status on May 31, 2005.

Professor Axelrod received his B.S. degree from Brooklyn College in 1968 and his Ph.D. degree from the University of California-Berkeley in 1974. He was a National Institutes of Health postdoctoral fellow at Cornell University from 1974-77. He joined the University of Michigan faculty as an assistant professor and an assistant research scientist in 1977 and was promoted to associate professor and associate research scientist in 1981 and professor and research scientist in 1987.

An active researcher and mentor for graduate students, Professor Axelrod worked to develop novel optical microscopy techniques for studying the position, motion, orientation, conformation, and kinetics of biomolecules. He played a major role in the development of fluorescence recovery after photobleaching (FRAP) and made contributions to the theory and practice of fluorescence resonance energy transfer (FRET), fluorescence correlation spectroscopy, fluorescence polarization microscopy, and surface fluorescence. In 2000, he was elected a fellow of the Biophysical Society for his pioneering research in developing the field of total internal reflection fluorescence (TIRF) microscopy.

Professor Axelrod was also very interested in interdisciplinary teaching, not only among the science disciplines but also between the sciences and humanities. This led him to create and teach popular courses on the physics of music, science and strategy in the nuclear arms race, biophysical principles of microscopy, dynamic processes in biophysics, and living with physics. In recognition of his many contributions to biophysics and to teaching, he received the Year of the Humanities and Arts Award in 1997 and the LSA Excellence in Education Award in 1999.

The Regents salute this distinguished scholar by naming **Daniel Axelrod professor emeritus of physics and research scientist emeritus**.

Requested by:



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Vice President and Secretary of the University

May 2005

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ACTION REQUEST

EXH	MOTION <i>Maunard</i>
	SECOND <i>White</i>
ACTION APPROVED BY THE REGENTS	
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Dennis G. Baker, Ph.D., associate professor of atmospheric, oceanic, and space sciences in the College of Engineering, will retire from active faculty status on May 31, 2005.

Professor Baker received his A.B. degree from Harvard University in 1964 and his M.S. and Ph.D. degrees from the Massachusetts Institute of Technology in 1967 and 1970, respectively. He joined the University of Michigan faculty as an assistant professor in 1970 and was promoted to associate professor in 1976.

Professor Baker's research interests include synoptic, mesoscale, and applied meteorology. He has written several papers related to shoreline mesometeorological processes, circulation of cold air outflow in squall lines, mountain and coastline meteorology, and in particular, snow and ice formations in coastal and mountain areas. A certified consulting meteorologist and a member of the editorial review panel of *Computer Graphics World*, Professor Baker served on the mesoscale and weather forecasting committees of the National Weather Association and was associate editor and interim editor for the *Journal of Applied Meteorology*. He was an intergovernmental exchange meteorologist at the National Weather Service's Techniques Development Laboratory, a producer and announcer for a weekly weather program on WUOM radio, and a consultant at the National Center for Atmospheric Research in Boulder, Colorado. Professor Baker also served as the vice-chair of the southeastern Michigan chapter of the American Meteorological Society and is affiliated with the Association for Computing Machinery (ACM), ACM SIGGRAPH, the Institute of Electrical and Electronics Engineers Computer Society, and the Royal Meteorological Society.

The Regents salute this distinguished scholar by naming **Dennis G. Baker associate professor emeritus of atmospheric, oceanic, and space sciences.**

Requested by:

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May 2005

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ACTION REQUEST

EXH	MOTION <i>Murray</i>
	SECOND <i>White</i>
	ACTION APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Thomas D. Gillespie, Ph.D., research professor in the University of Michigan Transportation Research Institute and adjunct professor of mechanical engineering in the College of Engineering, retired from active faculty status on April 30, 2005.

Professor Gillespie received his B.S. degree from Carnegie Mellon University (1961) and his M.S. (1965) and Ph.D. (1970) degrees from The Pennsylvania State University. He was a project officer in the U.S. Army (1964-66), a research associate at the Pennsylvania Transportation Institute (1970-73), and a group leader at Ford Motor Company (1973-76). Professor Gillespie joined the University of Michigan faculty in 1976 as an associate research scientist in the Transportation Research Institute (UMTRI). He was promoted to research scientist in 1981, senior research scientist in 1997, and research professor in 2003. Within the College of Engineering, he was appointed lecturer in 1988 and was promoted to adjunct professor in 1990.

Professor Gillespie worked on advanced engineering and research in the automotive and highway areas, with a focus on transportation policy and safety. He developed analytical methods and computer programs for predicting truck braking and handling and a standard method for measuring road roughness for the National Academy of Sciences Transportation Research Board. In the 1980s, Professor Gillespie developed the International Roughness Index for the World Bank, and the index was adopted as the international standard soon after. He served as director of the Great Lakes Center for Truck and Transit Research at UMTRI from 1988-98, and he authored the best selling textbook *Fundamentals of Vehicle Dynamics* in 1992.

For his work on truck ride and vibration, Professor Gillespie was selected to present the L. Ray Buckendale Lecture for the Society of Automotive Engineers (SAE) in 1985. In 1987, as an SAE fellow, he was a senior policy analyst in the White House Office of Science and Technology Policy. He received another SAE fellowship in 1994, and received the SAE Forest R. McFarland Award in 1998.

The Regents salute this faculty member by naming **Thomas D. Gillespie, research professor emeritus**.

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ACTION REQUEST

EXH	MOTION <i>Maysman</i>
	SECOND <i>White</i>
	ACTION APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Edward Goldberg, M.D., George W. Morley Collegiate Professor of Obstetrics and Gynecology and clinical professor of obstetrics and gynecology, retired from active faculty status on December 31, 2004.

Dr. Goldberg received his A.B. degree from Union College in 1959 and his M.D. degree from Albany Medical College in 1963. He completed his residency at The Johns Hopkins University (1966-72) and served on the faculty there until 1994. He joined the University of Michigan faculty as a clinical professor and as the founding director of the Division of Women's Health in the Department of Obstetrics and Gynecology in 1994, and he was named the George W. Morley Collegiate Professor of Obstetrics and Gynecology in 2001.

Throughout his career, Dr. Goldberg has been committed to women's primary health care and the development of the University's women's health program, and he has been key to the success of the department over the last decade. As director of the Division of Women's Health, he expanded the program's clinical activity by increasing the number of practitioners from two part-time employees to 18 part- and full-time faculty members. This growth not only enhanced the ambulatory and inpatient clinical activity of the University Hospitals and Health Centers, but it also strengthened the teaching and research capacity of the Department of Obstetrics and Gynecology. In addition to his role in women's health, Dr. Goldberg also served as the health system's east regional medical director for ambulatory care from 1997-2000.

Dr. Goldberg has regularly participated in resident and medical student education, and he published a number of peer reviewed articles. A committed clinician, Dr. Goldberg has continued to provide outstanding care to his patients at the Briarwood Health Center throughout his tenure. He has been an active member of the American College of Obstetricians and Gynecologists, the American Fertility Society, and the American College of Physician Executives.

The Regents now salute this distinguished health educator for his dedicated service by naming **Edward Goldberg clinical professor emeritus of obstetrics and gynecology**.

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Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Frederick L. Goodman, Ph.D., professor of education in the School of Education, will retire from active faculty status on May 31, 2005.

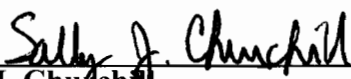
Professor Goodman received his A.B. and A.M.T. degrees from Harvard University in 1954 and 1956, respectively, and his Ph.D. degree from the University of Michigan in 1961. He joined the University of Michigan faculty as an instructor in 1960 and was promoted to assistant professor in 1961, associate professor in 1965, and professor in 1969. He was a research associate in the Urban and Regional Planning Program from 1972-73 and research scientist from 1974-80.

Professor Goodman has long been active in the design and utilization of communication systems, simulations, and educational games. In the 1960s, he was the chief consultant to the then U.S. Office of Education responsible for the design of the decentralized Educational Resources Information Center (ERIC). He has designed numerous games and guided the development of the Interactive Communications and Simulations (ICS) Program based in the School of Education. He has also lectured and led seminars on gaming at institutions around the world, including schools in Russia, China, Canada, and Mexico.

In addition to teaching courses in the history and philosophy of education throughout his 45-year tenure, Professor Goodman was actively involved in the Master of Arts with Teaching Certificate (MAC) Program designed for professionals with varied backgrounds who are making the transition into secondary school teaching. He served as chair of the Division of Behavioral and Social Foundations from 1971-73 and was a member of Rackham Graduate Board and vice-chair of the Urban and Regional Planning Ph.D. Program at the Rackham Graduate School from 1974-75. He served on the Senate Advisory Committee on University Affairs (SACUA) from 1971-73 and was chair of SACUA in 1973-74.

The Regents salute this distinguished faculty member by naming **Frederick L. Goodman professor emeritus of education**.

Requested by:



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ACTION REQUEST

EXH	MOTION: <i>Maynard</i>
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Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Henry C. Griffin, Ph.D., professor of chemistry in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2005.

Professor Griffin received his B.S. degree from Davidson College in 1958 and his Ph.D. degree from the Massachusetts Institute of Technology in 1962. From 1962-64 he was a research associate at Argonne National Laboratory. He joined the University of Michigan faculty as assistant professor in 1964 and was promoted to associate professor in 1970 and professor in 1989. He also served as the college's director of undergraduate studies (1974-77) and director of freshman studies (1979-83), and he was a faculty counselor (1987-92).

Professor Griffin's work focused on nuclear chemistry and physics. He contributed to the application of activation analysis for environmental analysis and the understanding of the decay of heavy element fission products, nuclear spectroscopy and decay schemes; developed fast chemistry analysis techniques of fission products and radiochemical separation methods; and helped advance coincidence measurement detector technology and gamma ray detection experiments. Professor Griffin worked in a field of research highly dependent upon collaborations and on the use of off-campus facilities for acquiring data, long before this *modus operandi* became more broadly practiced in the chemistry community. He authored or co-authored over 90 publications during his career.

A devoted educator, Professor Griffin taught undergraduate physical and general chemistry courses and graduate level nuclear chemistry courses. He was especially interested in teaching innovations in the large, lower-level general chemistry classes, where he pioneered the use of computers and other innovative techniques. He served on numerous University-wide committees, including the Radiation Policy Committee, the Ford Nuclear Reactor Safety Committee, and the Committee on the Human Use of Radioisotopes. He was associate chair for curriculum development and faculty affairs in the chemistry department, and he served on the Senate Assembly and as chair of the Senate Advisory Committee on University Affairs.

The Regents now salute this distinguished faculty member by naming **Henry C. Griffin professor emeritus of chemistry**.

Requested by:

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Action Requested: Adoption of Retirement Memoir

George I. Haddad, Ph.D., Robert J. Hiller Professor of Electrical Engineering and Computer Science and professor of electrical engineering and computer science in the College of Engineering, will retire from active faculty status on May 31, 2005.

Professor Haddad received his B.S., M.S., and Ph.D. degrees from the University of Michigan in 1956, 1958, and 1963, respectively. He joined the University of Michigan faculty as an instructor in 1961 and was promoted to assistant professor in 1963, associate professor in 1965, and professor in 1969. In 1991, he was named the Robert J. Hiller Professor of Electrical Engineering and Computer Science.

Professor Haddad's career spans almost five decades of unparalleled achievement and leadership in research, teaching, service, and administration. During the two terms he served as chair of the Department of Electrical Engineering and Computer Science (1975-86 and 1991-97), the department grew significantly in both reputation and size. Under his leadership, many outstanding faculty were added, the graduate research program experienced tremendous growth, and the department established itself among the top five in the country. Primarily because of Professor Haddad's vision and guidance, the department has become a model for other engineering schools. The impact of his contributions will be felt by many future generations of faculty and students.

In addition to his administrative and educational accomplishments, Professor Haddad is internationally recognized for his research and expertise in microwave and millimeter-wave devices and integrated circuits, microwave-optical interactions and optoelectronic devices, and integrated circuits. He established and led a number of major research programs within the department in his roles as director of the Electron Physics Laboratory (1969-75), director of the Solid-State Electronics Laboratory (1986-91), and director of the Center for High Frequency Microelectronics (1986-2000). Professor Haddad is a fellow of the Institute of Electrical and Electronics Engineers and a member of the National Academy of Engineering.

The Regents salute this distinguished scholar and leader by naming **George I. Haddad the Robert J. Hiller Professor Emeritus of Electrical Engineering and Computer Science and professor emeritus of electrical engineering and computer science.**

Requested by:

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Vice President and Secretary of the University

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	ACTION: MOVED BY THE REGENTS
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ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

John N. Kotre, Ph.D., professor of psychology in the College of Arts, Sciences, and Letters at the University of Michigan-Dearborn, retired from active faculty status on April 30, 2005.

Professor Kotre received his Litt.B. degree from Xavier University in 1962 and his Ph.D. degree from the University of Chicago in 1969. He joined the University of Michigan as a project director at the Institute for Social Research in 1969 and served as a lecturer (1971-73) and then assistant professor (1974) in the extension service. In 1972, he was appointed assistant professor of psychology on the Dearborn campus, and he was promoted to associate professor in 1975 and professor in 1980.

Professor Kotre's scholarly output has been prolific, including scores of articles, book chapters, and a number of noteworthy books, including *The Best of Times, The Worst of Times: Andrew Greeley and American Catholicism, 1950-1975* (Nelson-Hall, 1978); *Outliving the Self: Generativity and the Interpretation of Lives* (Johns Hopkins University Press, 1984); *White Gloves: How We Create Ourselves Through Memory* (Norton, 1996); and *Make It Count: How to Generate a Legacy that Gives Meaning to Your Life* (The Free Press, 1999). In 1984, Professor Kotre received a \$2.15 million grant from the Annenberg Project of the Corporation for Public Broadcasting. This grant provided funding for *Seasons of Life*, a multi-faceted project that included a series of five one-hour television documentaries released in the fall of 1990, created by Professor Kotre, and produced by WQED/Pittsburgh. The grant also funded a separate series of 26 half-hour *Seasons of Life* audio programs produced by the University of Michigan. Professor Kotre served as executive producer, host, and writer for this series and wrote the companion book, *Seasons of Life: Our Dramatic Journey from Birth to Death* (Little, Brown, 1990).

The Regents salute this distinguished scholar and educator by naming **John N. Kotre professor emeritus of psychology**.

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ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Anant M. Kshirsagar, Ph.D., D.Sc., professor of biostatistics in the School of Public Health, will retire from active faculty status on May 31, 2005.

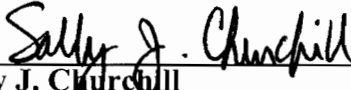
Professor Kshirsagar received his B.Sc. and M.Sc. degrees from Bombay University in 1948 and 1951, respectively, and his Ph.D. and D.Sc. degrees from Manchester University in 1961 and 1967, respectively. He held faculty appointments at Bombay University (1951-63), Southern Methodist University (1968-71), and Texas A&M University (1971-77), before joining the University of Michigan faculty as professor of biostatistics in 1977.

Professor Kshirsagar is internationally known for his many contributions to the theory and practice of statistics, particularly in the areas of experimental design, multivariate analysis, and the modeling and analysis of growth curves. He is the author of three well-known books on statistics--*A Course in Linear Models*, *Multivariate Analysis*, and *Growth Curves*--and more than 100 publications in peer-reviewed journals. Professor Kshirsagar has served as mentor and supervisor for many Ph.D. and M.S. students and taught courses across a wide spectrum of the curriculum in biostatistics. He is affectionately known as Dr. K. by students, alumni, faculty and staff alike.

Over the years, Professor Kshirsagar's contributions have been recognized in various ways. He was elected a fellow of the American Statistical Association and of the Institute of Mathematical Statistics, has served as president of the Indian Statistical Association, and is a member of the International Statistical Institute.

The Regents salute this distinguished scholar by naming **Anant M. Kshirsagar professor emeritus of biostatistics**.

Requested by:



 Sally J. Churchill
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May 2005

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EXH	MOTION	Maynard
	SECOND	White
	AC APPROVED BY THE REGENTS	
NOTE:	MAY 19 2005	

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Ann Lesley Milroy, Ph.D., Hans Kurath Collegiate Professor of Linguistics and professor of linguistics in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2005.

Professor Milroy received her B.A. and M.A. degrees from the University of Manchester in 1965 and 1967, respectively, and her Ph.D. degree from Queen's University Belfast in 1979. She taught at the University of Ulster from 1972-83 and at the University of Newcastle upon Tyne from 1983-94. In 1994, she joined the University of Michigan faculty as professor of linguistics and was appointed the Hans Kurath Collegiate Professor of Linguistics in 2000.

Professor Milroy is a world-class scholar and one of the best and most influential sociolinguists in the world. She has authored or co-authored seven books and numerous journal articles on sociolinguistics, dialectology, language standardization, multilingualism, and aphasia. One of her most significant contributions was demonstrating that language standardization is a long-term process and that standard languages are constantly evolving. She also illustrated how the nature of an individual's social network ties, rather than social class or education level, is of primary importance in explaining the use of socially stigmatized linguistic forms. In pursuing a theoretical understanding of the relationships between language and society, Professor Milroy provided a unifying, explanatory account of language variation and change. Her use of ethnographic fieldwork procedures was highly influential in the discipline's shift away from large-scale sociolinguistic surveys, and her work has had broad implications for the various disciplines that study language behavior and use.

A tireless supporter of the department, Professor Milroy helped transform the sociolinguistics program into one of the top in the country. She was a spectacularly successful teacher of many popular undergraduate and graduate courses, chaired or co-chaired over a dozen dissertation committees, and enthusiastically integrated her students into her research programs. She served as associate department chair from 1998-2000 and chair from 2001-04.

The Regents salute this distinguished scholar by naming **Ann Lesley Milroy professor emerita of linguistics**.

Requested by:

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May 2005

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EXH	MOTION: <i>Maynard</i>
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	ACTION APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Daniel E. Moerman, Ph.D., professor of anthropology in the College of Arts, Sciences, and Letters at the University of Michigan-Dearborn, retired from active faculty status on April 30, 2005.

Professor Moerman received his B.A., M.A., and Ph.D. degrees from the University of Michigan in 1963, 1965, and 1974, respectively. He was staff archaeologist at the Smithsonian Institution's River Basin Surveys in 1965 and an instructor at Antioch College from 1967-70. Professor Moerman joined the University of Michigan-Dearborn faculty as an assistant professor in 1975 and was promoted to associate professor in 1979 and professor in 1985. From 1994-99 he was the William E. Stirton Professor of Anthropology.

The recipient of numerous federal grants and fellowships from the National Science Foundation, the National Institutes of Health, and other agencies, Professor Moerman focused his research projects on areas such as Native American medical ethnobotany, food plants of Native America, and cross-cultural analysis of the placebo effect. He is the author of scores of scholarly articles, chapters, and books. Some of his seminal works include *Native American Ethnobotany*, which received the Annual Literature Award of the Council on Botanical and Horticultural Libraries in 2000; *Placebo Effects in Medical Care*; and *Meaning, Medicine, and the 'Placebo Effect.'*

Professor Moerman has an outstanding record of service to the University. During his tenure, he served as chair of the Faculty Advisory Committee on Campus Affairs (1978), chair of the Faculty Senate (1993), and chair of the University Relationships Advisory Committee (1992-1994). He was also appointed chair of the General Anthropology Division Scientific Program Committee for the American Anthropological Association.

The Regents salute this distinguished scholar and educator by naming **Daniel E. Moerman professor emeritus of anthropology.**

Requested by:

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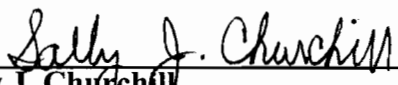
Stephen M. Pollock, Ph.D., Herrick Professor of Manufacturing and professor of industrial and operations engineering in the College of Engineering, will retire from active faculty status on May 31, 2005.

Professor Pollock received his B. Eng. Phys. degree from Cornell University in 1958 and his S.M. and Ph.D. degrees from the Massachusetts Institute of Technology in 1961 and 1964, respectively. From 1965-69, he served on the faculty of the U.S. Naval Postgraduate School. He joined the University of Michigan faculty as an associate professor in 1969 and was promoted to professor in 1974. From 1977-82, he was also a research scientist in the Institute of Public Policy Studies. He was named the Herrick Professor of Manufacturing in 2000.

Throughout his career, Professor Pollock has applied operations research and decision analysis methods to understand and influence a variety of operational phenomena. He authored more than 60 technical papers, co-edited two books, and was a consultant to numerous industrial, governmental, and service organizations. He served as chair of the Department of Industrial and Operations Engineering from 1981-90, was the advisor for the Engineering Global Leadership Honors Program from 2002-05, and directed the Financial Engineering Program from 2003-05. Nationally, he served in editorial capacities for the journals *Operations Research*, *IIE Transactions*, and *Management Science*, and was a member of the Army Science Board, the Committee on Applied and Theoretical Statistics of the National Research Council, and the National Academy of Engineering. In 1986 he was elected president of the Operations Research Society of America and in 2001 he received the INFORMS Kimball Medal for contributions to operations research and the management sciences. He is a fellow of INFORMS, the American Association for the Advancement of Science, and the Michigan Society of Fellows. In 1992, he received the Stephen S. Attwood Award, the highest honor awarded to a faculty member by the College of Engineering.

The Regents salute this distinguished researcher, teacher, and administrator by naming **Stephen M. Pollock the Herrick Professor Emeritus of Manufacturing and professor emeritus of industrial and operations engineering.**

Requested by:



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Richard L. Sears, Ph.D., associate professor of astronomy in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2005.

Professor Sears received his A.B degree from Harvard University in 1953 and his M.A. and Ph.D. degrees from Indiana University in 1955 and 1958, respectively. He joined the University of Michigan faculty as assistant professor in 1965 and was promoted to associate professor in 1970.

Professor Sears received a thorough training in theoretical astrophysics and numerical analysis from Marshall Wrubel, a protégé of Nobel Laureate S. Chandrasekhar, but he began his career as an observer, studying six-color photometry with A. E. Whitford. Perhaps his most important research work was performed while he worked in the laboratory of another Nobel Laureate, W. A. Fowler. In 1969, Professor Fowler wrote that "I consider Dr. Sears one of the foremost young astronomers and astrophysicists of the day. His work in stellar structure and evolution has earned him an international reputation of the first rank." Professor Sears was the world's expert in the internal structure and evolution of the sun and his calculations from the early 1960s remained definitive for a quarter century. A review article he wrote for the book *Stars and Stellar Systems: Compendium of Astronomy and Astrophysics*, co-edited by Lawrence Aller and Dean McLaughlin, was referred to by a colleague as being the definitive work on the subject.

In his later career at Michigan, Professor Sears devoted most of his time to teaching, and his considerable efforts earned the praise and respect of many students. His simple but authoritative style had a great appeal. Howard Bond, of the Space Telescope Science Institute, called him "an outstanding and concerned educator, as well as an accomplished researcher."

The Regents salute this distinguished scholar by naming **Richard L. Sears associate professor emeritus of astronomy**.

Requested by:

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ACTION REQUEST

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Action Requested: Adoption of Retirement Memoir

Toby J. Teorey, Ph.D., professor of electrical engineering and computer science in the College of Engineering, will retire from active faculty status on May 31, 2005.

Professor Teorey received his B.S. (1964) and M.S. (1965) degrees from the University of Arizona and his Ph.D. degree from the University of Wisconsin (1972). He served as an electronic data processing officer in the U.S. Air Force (1965-69), a social aide for President Lyndon B. Johnson (1966-68), and a research assistant at the University of Wisconsin (1969-72). In 1972, he joined the University of Michigan faculty as an assistant professor and was promoted to associate professor in 1978 and professor in 1993.

Professor Teorey conducted extensive research in disk scheduling algorithms, computer system simulation, performance analysis, analytical models for database structure evaluation, and the development of NetMod, an interactive, analytical tool for capacity planning for large-scale local networks. He directed the implementation of the "File Design Analyzer" and prototyped "The Database Designer's Workbench," forerunners to many of today's database modeling computer-aided software engineering tools. More recently, he focused on on-line analytical processing methods and optimization of queries for large data warehouses. He authored several books and numerous journal articles, and he was a consultant to organizations throughout the world including the U.S. National Security Agency, IBM, and The World Bank.

A dedicated and enthusiastic teacher and researcher, Professor Teorey served the University with exceptional dedication and skill and contributed in numerous capacities. He spearheaded the department's ABET accreditation process and guided the development and refinement of the undergraduate computer science program and curriculum. He was a senior staff member of the Center for Information Technology Integration (1986-97), director of the Software Systems Research Laboratory (1991-93), and associate chair of the department's Computer Science and Engineering Division (1994-97). In all his interactions, Professor Teorey was noted for an energy, genuine concern, and exceptional warmth that inspired many.

The Regents salute this distinguished scholar by naming **Toby J. Teorey professor emeritus of electrical engineering and computer science**.

Requested by:

Sally J. Churchill

 Sally J. Churchill
 Vice President and Secretary of the University

May 2005

EXH	MOTION <i>Maynard</i>
	SECOND <i>White</i>
	ACTION APPROVED BY THE REGENTS
NOTE	MAY 19 2005

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

William J. Thomson, Ph.D., associate professor of psychology in the College of Arts, Sciences, and Letters at the University of Michigan-Dearborn, retired from active faculty status on April 30, 2005.

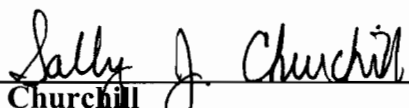
Professor Thomson received his B.A. degree from the University of Texas-Austin in 1964 and his Ph.D. degree from Stanford University in 1969. From 1968-72 he was on the faculty at Vanderbilt University. He joined the University of Michigan-Dearborn faculty as an assistant professor in 1972 and was promoted to associate professor in 1974.

A talented educator, Professor Thomson is also a licensed psychologist and is listed on the National Register of Health Service Providers in Psychology. His clinical practice focuses on short-term, goal-directed counseling for individuals, couples, and families and often involves the treatment of trauma and stress. A substantial portion of his practice deals with family concerns ranging from children's issues to family and relationship counseling to readjustment after a divorce. At the University, he has taught numerous courses in introductory psychology, health psychology, clinical psychology, and nonviolence, and he is the author of many professional publications and conference papers.

Professor Thomson is a member of the American Psychological Association, the Midwestern Psychological Association, the Michigan Psychological Association, the Psychonomic Society, and the Sigma Xi scientific research society.

The Regents salute this distinguished scholar and educator by naming **William J. Thomson associate professor emeritus of psychology**.

Requested by:



Sally J. Churchill
 Vice President and Secretary of the University

May 2005

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

EXH	MOTION <i>Maynard</i>
	SECOND <i>White</i>
	ACTION APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Richard W. Tillinghast, Ph.D., professor of English in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2005.

Professor Tillinghast received his B.A. degree from the University of the South-Sewanee in 1962 and his A.M. and Ph.D. degrees from Harvard University in 1963 and 1970, respectively. He taught at the University of California-Berkeley from 1968-73, the College of Marin and San Quentin State Prison from 1976-79, the University of the South from 1979-80, and Harvard University from 1980-83. He joined the University of Michigan faculty as an associate professor in 1983 and was promoted to professor in 1992.

Since his first book of poems, *Sleep Watch*, appeared in 1969, Professor Tillinghast has published six subsequent volumes of poems: *The Knife and Other Poems*, *Sewanee in Ruins*, *Our Flag Was Still There*, *The Stonecutter's Hand*, *Today in the Cafe Trieste*, and *Six Mile Mountain*; two books of criticism: *Robert Lowell's Life and Work: Damaged Grandeur* and *Poetry and What Is Real*; and numerous chapbooks, broadsides, and pamphlets. As a travel writer, literary essayist, cultural critic, and reviewer, he regularly contributed to *The Washington Post*, *The Wall Street Journal*, *The New York Times*, and numerous other publications. His poems have appeared in scores of journals and anthologies, and in 1997 he published *A Visit to the Gallery*, an anthology of specially-commissioned writings in honor of the University's Museum of Art.

A leader in cross-disciplinary and multimedia teaching innovation, Professor Tillinghast helped develop a remarkable series of courses on literature, music, and visual art. His course on the Beat Generation drew hundreds to the study of literature and social history of mid-century America, including jazz of the Bebop period and painting from the abstract expressionist school, and he organized an ambitious series of mixed-media performances that brought together choreographers, composers, projection artists, sound engineers, musicians, performance artists, poets, and software designers. In 2001, Professor Tillinghast founded the Bear River Writers' Conference in Petoskey, Michigan, and served as director of the conference until 2004.

The Regents salute this distinguished scholar by naming **Richard W. Tillinghast professor emeritus of English.**

Requested by:

Sally J. Churchill
Sally J. Churchill
Vice President and Secretary of the University

May 2005

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

EXH	MOTION <i>Mairaud</i>
	RESOLVE <i>White</i>
	APPROVED BY THE REGENTS
NOTE:	MAY 19 2005

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Patricia S. Whitesell, Ph.D., director and curator of the University of Michigan Detroit Observatory and adjunct lecturer in the College of Literature, Science, and the Arts, will retire from active faculty status on August 31, 2005.


Dr. Whitesell received her B.A. degree from Olivet College in 1972 and her M.A. and Ph.D. degrees from the University of Michigan in 1980 and 1994, respectively. Since joining the University of Michigan in 1973, she has held a number of academic and administrative positions, culminating in her appointment in 1998 to the newly created position of director and curator of the Detroit Observatory. She was appointed adjunct lecturer in museology in 2000.

The Detroit Observatory has undergone significant transformation under the guidance of Dr. Whitesell. Her exemplary work on its restoration led to several awards, including the Restoration Project of the Year Award from the City of Ann Arbor, the Award of Merit from the American Association for State and Local History, and the Preservation Award from the Michigan Historic Preservation Network. She is also recognized for the creation of the Detroit Observatory Museum and Library, which is housed within the observatory building. This project involved assisting with researching and locating artifacts, establishing permanent loan arrangements, creating a registration database, and designing and installing exhibits.

Dr. Whitesell has lectured to numerous classes on topics related to the history and restoration of the Detroit Observatory and other early observatories, directed field experiences, and participated in faculty mentoring programs. She has published articles in the *Journal of Astronomical History and Heritage*, as well as several books, including *A Creation of His Own: Tappan's Detroit Observatory*. The numerous honors she has received include the Herbert C. Pollock Award, a fellowship in the Arts of Citizenship Program, and a certificate of recognition from the History and Traditions Committee. She is a member of the American Astronomical Society, the Antique Telescopes Society, the National Trust for Historic Preservation, and the Washtenaw County Historical Society, among other organizations.

The Regents now salute this distinguished faculty member for her dedication and commitment by naming **Patricia S. Whitesell director and curator emerita of the Detroit Observatory**.

Requested by:



Sally J. Churchill
Vice President and Secretary of the University

May 2005