

IN MEMORIAM



Willem J. Kolff, M.D., Ph.D.

Willem J. Kolff, M.D., Ph.D., distinguished professor emeritus of surgery and internal medicine at the University of Utah School of Medicine, died Feb. 11, 2009, at his home in Newton Square, Pa. He was 97.

Known as the father of the field of artificial organs, Kolff invented the first successful artificial kidney in The Netherlands and later led the team that developed the artificial heart. His interest in the artificial kidney was spurred in 1938 when, as a young physician, he witnessed a 22-year-old man die from kidney failure. He developed the first artificial kidney in Nazi-occupied Holland in 1939 with parts and materials found at a local factory. His first unit—a drum made of wooden slats and cellophane—cost about \$200 and evolved into the modern dialysis machine.

He was born Feb. 14, 1911, in Leiden, Netherlands. He received his medical degree from the Leiden Medical School in 1938 and a Ph.D. from the University of Groningen in 1946. Kolff immigrated to the United States in 1950 and headed the artificial organs department at the Cleveland Clinic Foundation in Ohio. During his tenure there, he developed a membrane oxygenator for bypass surgery and a “twin coil” artificial kidney built from a washing machine. In 1957, he implanted the first totally artificial heart in an animal.

Kolff joined the U faculty in 1967 as head of the School of Medicine’s Division of Artificial Organs. A year later, the U Board of Regents approved formation of the Institute for Biomedical Engineering. Led by Kolff, the institute facilitated collaboration among researchers in chemical, mechanical, and electrical engineering; computer science; chemistry; physics; and other disciplines on medical advances.

Under his guidance, numerous models and versions of artificial hearts were developed at the U, including the Jarvik-7—the world’s first artificial heart implanted in a human. In December 1982, retired Seattle dentist Barney Clark received the heart in a historic surgery at University of Utah Hospital and lived 112 days.

Kolff received numerous awards for his work, including the 2002 Albert Lasker Award for Clinical Medical Research, one of the most prestigious honors bestowed in U.S. medicine.

Kolff was married to Janke C. Huidekoper until their divorce in 2000 after 63 years of marriage. She died in 2006. He is survived by four sons, Therus, Jacob, Albert and Kees; a daughter, Adrie; 12 grandchildren; and six great-grandchildren.



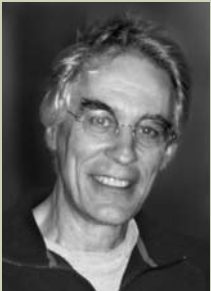
Edward Fingl, Ph.D.

Edward Fingl, Ph.D., professor emeritus of pharmacology in the U College of Pharmacy, died April 28, 2009, in Salt Lake City. He was 85.

He was initially trained as a pharmacist, but after serving in the Army and Navy in World War II, Fingl discovered pharmacology. He received his undergraduate degree in 1943 and a master’s in pharmaceutical chemistry in 1949, both from Purdue University. He completed a Ph.D. in pharmacology at the U of U in 1952 and later completed a Fulbright Postdoctoral Fellowship at the University of Edinburgh in Scotland.

Fingl joined the U faculty as an assistant research professor of pharmacology in 1953 and rose through the ranks to professor.

He was born Oct. 24, 1923, in Oak Park, Ill. He married Betty Jean Storrs and the two cofounded the Fingl-Storrs-Simmons Trust.



Joseph A. Holden, M.D., Ph.D.

Joseph A. Holden, M.D., Ph.D., professor of pathology in the U School of Medicine, died March 28, 2009, of pancreatic cancer. He was 60.

He was a surgical pathologist and expert in the diagnosis of stromal tumors of the gastrointestinal tract. His research focused on the detection of anticancer drug targets in human cancers and included the description of prognostic markers for a variety of cancers, the discovery of a genetic mutation important in the pathogenesis of malignant melanomas, and the development of a test for the recognition of mutations in a type of gastrointestinal neoplasm.

He was born Jan. 13, 1949, in Syracuse, N.Y. He graduated from Rutgers University and received his Ph.D. in biochemistry from Duke University. Following a fellowship in biochemistry, he received his medical degree in 1982 from the University of Michigan and completed a residency in pathology at Washington University in St. Louis.

Holden joined the U faculty in 1987 as an assistant professor in the Department of Pathology. He served seven years as medical director of the Gene Rearrangement Section in the Hematopathology Laboratory at University Hospital.

Holden is survived by his wife of 30 years, Lisa, and a daughter, Nella.



Jane A. Wilson

Jane A. Wilson, manager of administrative services for the Howard Hughes Medical Institute (HHMI) at the U of U, died April 7, 2009, from complications of liver disease and amyloidosis. She was 62.

Wilson supported biomedical research at the U for 30 years and, in her position, oversaw four HHMI “satellite” sites—investigators and their labs—in Colorado and Arizona: two at the National Jewish Center in Denver; one at Colorado State University, Fort Collins; and one at the University of Arizona, Tucson.

Wilson was born Oct. 3, 1946, in Salt Lake City. She received her bachelor’s degree from the U of U and a master’s of business administration from Westminster College of Salt Lake City. She was married to, and later divorced from, Edward B. Wilson. She is survived by: her children, Laura deLannoy, Anne Marie Smith, Ted Wilson, and Sarah Carlson; six grandchildren; and three brothers.



Carlos E. Eyzaguirre, M.D.

Carlos E. Eyzaguirre, M.D., professor emeritus and longtime chair of the Department of Physiology at the U School of Medicine, died Feb. 2, 2009, in Santiago, Chile. He was 85.

A world renowned neurophysiologist, Eyzaguirre made fundamental discoveries regarding the basic processes underlying the origin of nerve impulses in sensory receptors.

He was born April 28, 1923, in Santiago. He received his medical degree from the University of Chile in 1947 and completed an internship at the Catholic University Hospital. Upon completing a fellowship at Johns Hopkins University, he served seven years on the faculty at the Catholic University of Chile.

Eyzaguirre joined the U faculty as assistant research professor of physiology in 1957. He served 25 years as department chair in the School of Medicine from 1964-1988. His prolific success in the field of arterial chemoreception attracted large numbers of young researchers from around the world to pursue postdoctoral training in his laboratory. More than 20 senior scientists also spent sabbaticals in the department as visiting professors, including Nobel Laureate K. Hartline, the first George Eccles Professor at the U.

Eyzaguirre is survived by his wife, Elena, who retired as associate director of the U's Spencer S. Eccles Health Sciences Library after serving 27 years; a son, Rodrigo, and daughter, Elena; and eight grandchildren. He was preceded in death by his eldest son, Carlos Andres.

■ **E. Dale Abel, M.D., Ph.D.**, professor of internal medicine and biochemistry, and chief of the Division of Endocrinology, Metabolism, and Diabetes in the School of Medicine, received the Outstanding Investigator Award from the Western Society for Clinical Investigation.

■ **Lisa B. Arbisser, M.D.**, adjunct associate professor of ophthalmology and visual sciences at the University's John A. Moran Eye Center, received the 2009 Athena Business Women's Award from the Illinois Quad City Chamber of Commerce and The Women's Connection.

■ **Diana I. Brixner, Ph.D., R.Ph.**, associate professor and chair of the Department of Pharmacotherapy, and executive director of the Pharmacotherapy Outcomes Research Center in the College of Pharmacy (see pg. 18), was elected in April to a two-year term as director on the board of the Academy of Managed Care Pharmacy. The election was held at the academy's annual meeting in Alexandria, Va.

■ **Mario Capecchi, Ph.D.**, 2007 Nobel Laureate and distinguished professor of human genetics in the medical school's Eccles Institute of Human Genetics and biology in the College of Science, was awarded the 2008 Governor's Science and Technology Medal. In April, he was elected to the American Academy of Arts & Sciences and will be inducted as a fellow at a ceremony in Cambridge, Mass., in October. Capecchi holds the Helen Lowe Bamberger Colby and John E. Bamberger Presidential Endowed Chair in the Health Sciences, and is an investigator at the University's Howard Hughes Medical Institute.

PEOPLE

■ **E. Martin Caravati, M.D., M.P.H.**, professor of surgery in the medical school's Division of Emergency Medicine and medical director of the Utah Poison Control Center, was elected a fellow of the American Academy of Clinical Toxicology last fall. He also was elected to a two-year term as treasurer for the academy.

■ **Shadie Ghaibi Clark**, a second-year pharmacy student, was named a 2009 Paul Ambrose Scholar last April by the Association for Prevention Teaching and Research, and the Office of Disease Prevention and Health Promotion of the U.S. Department of Health and Human Services. In June, Clark joins 42 other health professions students from across the country in Washington, D.C., for a three-day leadership symposium.

■ **Phillip Clinger**, University Hospitals & Clinics Board of Trustees, received the 2008 Urban Hospital Trustee Service Award from the Utah Hospitals & Health Systems Association. Clinger has served on the board since 2000 and as president from 2004-06.

■ **Amalia Cochran, M.D.**, assistant professor of surgery in the School of Medicine, received one of the U's 2009 University Early Career Teaching Awards last spring.

■ **William T. Couldwell, M.D., Ph.D.**, professor and chair of the Department of Neurosurgery in the School of Medicine, was installed as secretary of the American Association of Neurological Surgeons in May. He has served as director-at-large on the board since 2006.

■ **Alan S. Crandall, M.D.**, professor and senior vice chair of the Department of Ophthalmology and Visual Sciences in the School of Medicine, was named president of the American Society of Cataract and Refractive Surgery (ASCRS) in April at the society's annual convention in San Francisco.

■ **Andra Davis, M.S.N., R.N.**, doctoral student in the College of Nursing, was awarded a \$30,000 scholarship in January from the American Cancer Society for her dissertation work on self-efficacy for Hispanic cancer patients in New Mexico.

■ **Jason Druzgal, M.D., Ph.D.**, neuro-radiology fellow in the School of Medicine, received the first-place award for his poster "Interhemispheric Synchrony of Resting State MEG Power Fluctuation" from the American Society of Functional Neuroradiology at its February conference.

■ **Kenneth K. "Bo" Foreman, Ph.D., P.T.**, assistant professor of physical therapy in the College of Health, received one of the U's 2009 University Early Career Teaching Awards.

■ **David W. Grainger, Ph.D.**, professor and chair of the Department of Pharmaceutics and Pharmaceutical Chemistry in the College of Pharmacy, was elected last January as a fellow of the American Association for the Advancement of Science.

■ **Barbara Graves, Ph.D.**, professor and chair of the Department of Oncological Sciences in the School of Medicine, and senior director for laboratory research at Huntsman Cancer Institute (HCI), received a one-year Prostate Cancer Foundation Creativity Award to further her research in prostate cancer.