



Philip Manning Allen, 86, passed away on July 2, 2017, in Fargo, N.D. A memorial graveside service was held at 11 a.m. on Aug. 11, in Ames Municipal Cemetery.

He was the son of the late E.H. (Ed) and Irene (Loomis) Allen, of Ames, graduating from Ames High School in 1949 and attended the Kansas City Art Institute and School of Design and the University of Northern Iowa. He received a bachelor of fine arts degree (1960) and a master of fine arts degree (1961) from Drake University in Des Moines.

His teaching career of art and design began at Lincoln High School in Des Moines for six years was followed by a career of 29 years at Iowa State University retiring as professor emeritus in 1996. He developed the ceramics studio for the art department of ISU in 1967. Over the years, he taught watercolor painting, drawing, lettering, visual foundation courses, including the color studio and studios focusing on three-dimensional design.

He received funded grants related to ceramics exploring coloring oxides in crystalline glazes on porcelain. Professor Allen maintained an outstanding exhibition record in regional, national and international juried art shows receiving numerous honors and awards. He received the ISU's Alumni Association Faculty Citation in 1988.

Allen was stationed in Germany during the Korean Conflict. His interest and participation in music continued throughout his life.

He is survived by his Brother John of Crowley, several brother and sister-in-laws, nieces and nephews.



Jon Barr Applequist
March 19, 1932- December 18, 2017

Jon Barr Applequist, 85, Professor of Biophysics, died on December 18, 2017 in Ames, IA. Jon was born in Salt Lake City, UT on March 19, 1932. In 1954, he earned a B.S. degree in Chemistry from the University of California, Berkeley. He pursued graduate studies in Chemistry for one year at Heidelberg University in Germany and at Harvard University, Cambridge, MA, earning a PhD in Chemistry in 1959. After short-term faculty appointments at University of California, Berkeley and Columbia University, he joined the Department of Biochemistry and Biophysics at ISU in 1965, retiring in 2000. He married Nancy Bruce in 1960.

Jon's research interests included studies on ordered conformations and conformational transitions in polypeptides and polynucleotides, statistical thermodynamics of macromolecules, and theory of molecular optical properties. He was quoted as saying that "deriving and performing computational predictions gives the most insight per square foot of laboratory space".

Jon's extracurricular interests included teaching Sunday School at Collegiate Presbyterian Church with his wife Nancy, playing banjo, painting watercolors, crafting shelves, tables, and doors in his wood shop, fixing his Volkswagens, and cultivating trees 'that last a lifetime'. In retirement, he delved into compiling extensive genealogical reports on his family's ancestry.

Jon is survived by his wife, Nancy of Ames, IA; children, Karen (Lennie) Clement of Boone, IA, Reid (Carmen) Applequist of Bonita, CA, Jennifer (Kent) Chittenden of Big Timber, MT, Scott (Cheryl) Applequist of Asheville, NC, and George Applequist of West Lafayette, IN, brother Reid Applequist of Colorado Springs, CO, sisters-in-law Linda Applequist of Champaign, IL and Diana Eskin of Washington D.C., seven grandchildren, one great granddaughter, and eight nieces and nephews. He was preceded in death by his parents Einar and Margaret Applequist, his brother Doug Applequist, and his sister-in-law Kathy Bruce.



Irene Beavers

(June 4, 1926 - November 5, 2017)

Professor emerita of Home Economics Education, leader, enthusiastic advocate and mentor – was born in Hopkinsville, Kentucky, and graduated from Hopkinsville High School in 1944. From a very young age, Irene displayed characteristics of becoming a dynamic and articulate educator and leader.

Irene was born in 1926 in Hopkinsville, Kentucky. She received her early education in Gallatin and Morristown, Tennessee, later returning to Kentucky and receiving her high school graduation at Hopkinsville High School in Kentucky in 1944.

She attended Peabody College in Nashville, Tennessee, graduating in 1948 with a B.S. degree in Home Economics education.

Her first job was with the Kentucky Cooperative Extension Service as a Home Demonstration Agent in Frankfort, Kentucky.

In 1952, Beavers started her master's degree in home economics education at Iowa State University. After completing her M.S. degree in 1953, Irene worked as a district home economics supervisor for the Iowa Cooperative Extension Service until 1960.

In 1962 Irene completed her Ph.D. from the University of Wisconsin in extension administration. She then returned to the Iowa Extension Service in the same position she had previously held. In 1963 she joined the Federal Extension Service as a program leader for low income families.

In 1965, Beavers joined the home economics education at Iowa State University as a faculty member in adult education. She taught adult education methods courses for undergraduates, and program planning for adults at the graduate level.

In October 1965, Beavers was assigned her first international student, from Kasetsart University in Bangkok, Thailand. Thus, began her long association with Thai students and with international students.

Beavers was invited in April 1977 to Kasetsart University under the World Bank Development of Kasetsart University to help the home economics education department

develop a master's program. This was a three-month assignment, resulting in the development of a plan. Several years later, the plan was put into action.

Beavers held other international assignments, in Malaysia and Kenya as an outside evaluator for the home and science departments of universities in the two countries, and in Malaysia for three months editing the proceedings of a regional meeting of extension workers, resulting in a book, "Improving Extension Strategies for Rural Development," published by the University of Pertanian in Malaysia.

Irene retired in May 1988 after 33 years with Iowa State University.

In retirement Beavers was active on numerous boards: Green Hills Resident Association, Green Hills Advisory Council, Heartland Senior Citizens Foundation, Collegiate Presbyterian Church Endowment Committee, and Collegiate Presbyterian Church Nominating Committee. She was an avid ISU football and basketball fan.

She was a member of the Presbyterian Church U.S.A. for over 72 years. Over 55 of those years she has been active at Collegiate Presbyterian Church in Ames.

Awards included: Faculty Citation (1980) ISU Alumni Association, ISU Alumni Association for devoted Alumni Service (2000), and Iowa Association of Family and Consumer Service, Hall of Fame Award (2010).

Irene passed away November 5, 2017 at Green Hills Retirement Community, Ames, Iowa.



Clayton L. Christensen died Jan. 15, 2018, at the age of 95 in Storm Lake, Iowa. Christensen was an alumnus and former professor of the Department of Electrical and Computer Engineering (ECpE) at Iowa State University.

Christensen was born on July 7, 1922, in Moorhead, Iowa, to Tenus and Meddie (Losh) Christensen. Christensen was preceded in death by his first wife Helen and his second wife Martha.

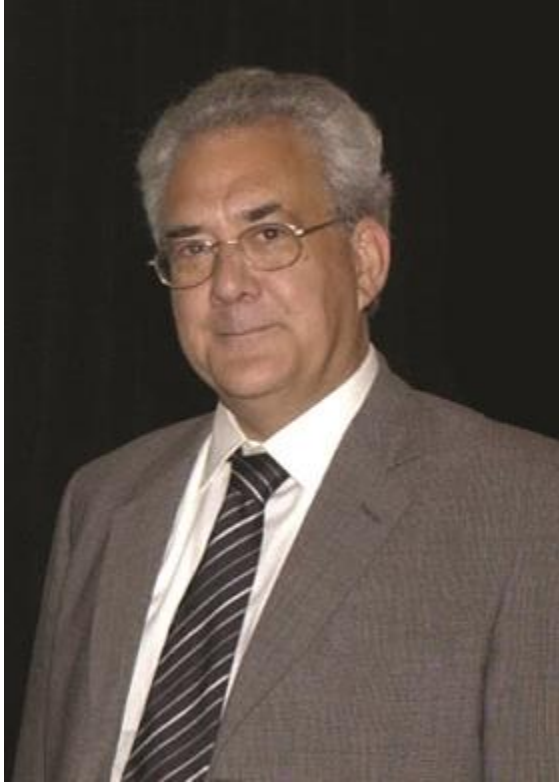
Before enlisting in the United States Air Force, where he was a second lieutenant during World War II, Christensen studied at Wayne State University. While in the military, he studied at Carleton College for meteorology, Yale University for communications and Harvard and MIT for mass electronics. After being honorably discharged in 1946, he continued his education at Iowa State, earning a bachelor's degree in electrical engineering.

Christensen worked for IPS (now MidAmerican Energy) for 36 years. He began as a district and field engineer in LeMars and Storm Lake, Iowa, and eventually assumed the position of chief engineer and vice president of engineering at the Souix City Corporate Office.

After retiring from IPS in 1984, Christensen became an adjunct professor at Iowa State, where he was a leader who made a great impact with the Iowa Power affiliates (now the Electric Power Research Center) and organized electrical engineering extension-related short courses. In 1985, Christensen returned to Storm Lake and remarried after the passing of his first wife. He served as the Storm Lake Rotary Club president and District Governor in 1970 and 1971. He lead groups of Rotarians to Japan and South Africa, hosted three Rotary exchange students in Storm Lake and Sioux City and was recognized as a Paul Harris Fellow.

Christensen is survived by his three daughters, four step-daughters, 15 grandchildren, 27 great-grandchildren and one great-great-grandchild. Services were held on Jan. 19 at St. Mark Lutheran Church in Storm Lake.

James Corones



On Friday, April 28, 2017, James (Jim) Peter Corones, 13-year resident of Annapolis, MD, passed away, succumbing to complications from his 2 ½ year battle with paraneoplastic Stiff Person Syndrome due to SCLC.

He graduated with a Sc.B. in Physics from Brown University and received his Ph.D. in Physics from Boston University. He was an academic grandson of Albert Einstein and a Fulbright Scholar. In 1973, after a Post-Doc at the University of Calgary, Jim was hired by Iowa State University as an Assistant Professor of Mathematics. In 1982, Jim was promoted to Professor. During his time at ISU, he taught math, joined and then directed the Applied Mathematics program within Ames Laboratory, an ISU managed Department of Energy facility, a legacy of the Manhattan Project. He also collaborated extensively with researchers across the world, as a twice recipient of National Academy of Sciences Exchange Scientist, as invited speaker/scholar and as host to foreign researchers. He mentored several Post Docs and Ph.D. candidates during his tenure at ISU. In addition to these activities, he also served in other administrative posts, including program director of environmental technology development, deputy director and, also, acting director of the Lab. During Jim's scientific career, he conducted research in linear and nonlinear wave propagation, including extensive work in acoustic and electromagnetic inverse scattering. Funding agencies included by DOE, ONR, AFOSR and NSF. Also, he served on many editorial and advisory boards.

In 1997, Jim founded Krell Institute in Ames, Iowa. Krell is a non-profit organization designed to promote the education of superior scientists for the US workforce. These scientists can help assure that the United States will continue to be a world leader in as many disciplines as possible. Computational Science, a discipline that Jim was instrumental in establishing, High-Performance Computing and National Nuclear Safety are among the areas of Krell's educational and informational focus. Completely confident that Krell's future was safe with its current leadership, guidance and, above all, dedicated staff, he retired in December of 2016,

In his personal and professional life, Jim was acknowledged as an eclectic man, with a penchant for high energy, zest, and humor. His intellect and his interests ranged wide: jazz, blues & classical music; ancient Greek coins and antiquities; football, baseball and basketball; national and international politics and political history; science education and national science policy; religious and philosophical underpinnings of Western thought, history and art of Magna Graecia and the Near East; gardening; fishing; poetry and literature; history of the 20th century, particularly of Eastern Europe and life behind the Iron Curtain; golf; visual arts such as painting, sculpture and film, including classic science fiction and film noir; fossil and rock hunting and polishing; live theater; Melville, Dante and Blake. The list goes on. When he decided to learn about something, he delved deep. This trait was with him throughout his entire life.

Spencer Dickson



Spencer E. Dickson passed away in his home on July 1, 2017. A memorial service will be at 1:30 p.m., on Sept. 3, 2017, at the Ames Friends Meetinghouse at 121 S. Maple Ave.

Spencer was born in Topeka, Kan., on Dec. 17, 1938, the son of Alexander Dickson and Marie Schwanke Dickson. He grew up excelling in math and science and graduated with honors from Kansas University. He went on to earn a Ph.D. in mathematics at New Mexico State University in 1963 and became internationally recognized for his remarkable scholarship.

In 1968, he joined the Mathematics Department at Iowa State. Although his career was sadly shortened by mental illness, he remained passionate about mathematics throughout his life.

John J. Fitzpatrick
1943-2018

John Fitzpatrick died January 20, 2018. He was born in 1943 and grew up in Bridgeport, Ohio. He graduate from Georgetown University and obtained a PhD in political science from State University of New York at Buffalo. John taught political science at Iowa State University in the early 1970's with a joint appointment with ISU's College of Education to supervise student teachers. He was active in designing courses on practical politics. He resigned from Iowa State to work in Washington, DC for a non-governmental organization promoting non-chemical organic farming. He also was active in Iowa politics. In 1974 he joined newly-elected Representative Tom Harkin (later Senator) and served as his chief of staff and campaign manager for 10 years.

After retiring from politics, John managed the internship program for American University and for SUNY at Brockport, where he served for over 20 years. John and his wife Holly Burkhalter adopted their daughters Grace Bofa from China in 1995 and Josie Bao-ngan from Vietnam in 1997. In addition to his wife and daughters, John is survived by his sisters, Joyce and Maureen, his nieces Nicole, Maria, and Regina, and his nephew Frank.



(Picture on the right shows Dr. Fouad (R) with Jim McCalley, who is mentioned in this text)

Abdel-Aziz A. Fouad, distinguished professor emeritus of the Department of Electrical and Computer Engineering (ECpE) at Iowa State University, passed away at the age of 89 on Oct. 21, 2017.

Aziz was a pioneer in the electrical engineering field of power systems dynamics and stability, most notably in his visionary contributions to academic research, teaching and publication, collaboration between academia, the power industry and early explorations of technology and social change. Aziz was elected to the U.S. National Academy of Engineering (1996), was named an Anson Marston Distinguished Professor (1990), received the Anson Marston Medal from the ISU Alumni Foundation and is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE).

Aziz was co-author of two widely-read books, “Power System Control and Stability” and “Power System Transient Stability Analysis Using the Transient Energy Function Method.” Throughout his 35 years teaching at Iowa State he taught multiple classes, including creation of several early computer-based educational courses, and he authored over 100 publications in his field. Aziz also served as a visiting professor at the University of the Philippines, the Federal University of Rio de Janeiro, Brazil, and the Electric Power Research Institute of Palo Alto, California.

One of his most significant contributions to the industry and academia was the co-founding of Iowa State’s Power Affiliate Research Program in 1963, now known as the Electric Power Research Center.

ECpE Professor Jim McCalley said Aziz’s legacy will continue to be remembered at Iowa State for years to come.

“Aziz was an excellent educator and researcher,” McCalley said. “His vision provided the basis for rigor, innovation and industry interaction that is still very much alive today among the ISU Electric Power and Energy Systems faculty and students. Perhaps his most enduring influence was his willingness to spend a great deal of time and effort on mentoring students and younger faculty colleagues.”

Aziz was born in Cairo, Egypt, in 1928, received a bachelor’s degree in engineering from the University of Cairo (1950), immigrated to the USA in 1952 and received a master’s degree from the University of Iowa (1953) and a Ph.D. from Iowa State (1956). While at the University of Iowa, Aziz met his wife of 56 years, Maria Elisabeth (Leal) Fouad, who passed away in 2009. Aziz and Elisabeth are survived by their two children, Nadya Fouad and Sam H. Fouad, five grandchildren and two great-grandchildren.

Aziz’s daughter Nadya said her father was deeply committed to Iowa State and established a family connection to the university.

“He felt a strong connection to the [ECpE] department,” Nadya said. “But he also had a strong camaraderie with faculty from all over the campus.”



Lowell F. Greimann

Lowell Frederick Greimann was born October 27, 1942 in Klemme, Iowa to Eugene and Doris (Barz) Greimann. He grew up on the family farm and graduated from Klemme High School in 1960. Lowell received a B.S. degree from Iowa State University in 1964, and one week after graduation, he and Jane Renner were married.

Lowell and Jane moved to Boulder, CO where he received his M.S. and PhD. in structural engineering from the University of Colorado. The young family, which included son Chad, moved to San Antonio, where their second son, Blair, was born. While in Texas, Lowell worked at Southwest Research Institute. In 1973 the Greimann's returned to Ames to be closer to family, and in 1975 their daughter Amy arrived from Vietnam.

Lowell started as an assistant professor in civil engineering at Iowa State University in 1973, teaching courses in structural engineering, and conducting research in bridges, nuclear containments, and lock and dam structures. He became a professor in 1981, and served as chair of the Civil, Construction and Environmental Engineering Department from 1990 until his retirement in 2005. Following Jane's death in 2006, Lowell worked part time at ISU's Institute for Transportation's Bridge Engineering Center until his death.

Beyond his professional life, Lowell lent his lively intellect and talents to any number of activities in the Ames community. He was an active member of Collegiate Presbyterian Church, serving as deacon, elder and member/chair of numerous committees. Lowell also designed and laid out, with Jane's help, the Labyrinth at CPC. Lowell's affinity for hands-on activities led him to become a member in 1984, and later president, of Ames Town and Country Kiwanis Club. He helped design and build the picnic shelter at McFarland Park, and participated actively with other construction projects at the park. He was also a member of the Story County Dental Clinic Advisory Board. Lowell established and endowed the Jane Greimann Legacy of Heroines Scholarship through the Carrie Chapman Catt Center for Women and Politics, for ISU women students who have demonstrated outstanding leadership at school and in the community. After the bridge collapse in Minneapolis a decade ago, Lowell shared his expertise with host Ira Flatow on Public Radio International's Science Friday. Lowell was a staunch Democrat. He loved lively discussions, laughing freely and frequently.

Lowell and Jennie Laing were married in August, 2008. They took delight in hosting family trips to Hawaii, Disneyland and, most recently, the eastern shore of Lake Michigan. Lowell took his older grandchildren, individually, to New York City, Washington D.C., Alaska and even, in a helicopter, to the Field of Dreams. He and granddaughter Emma recorded a conversation for NPR's StoryCorps. Lowell recently sent grandson Alex a thoughtful reflection on his ideas about the American Dream.

One of many meaningful events in Lowell's family's lives occurred in 2014, when he took his children, spouses, and granddaughter Bella to visit Vietnam. Investigations by agencies reported that, to their knowledge, Amy's birth mother had died many years prior to 2014. Months after returning home to the U.S., Amy received a phone call from her birth brother. At that time he indicated that Amy's birth mother was indeed alive and living in the United States with another sibling. Amy established a relationship with her new-found family over the next few years and finally, in September 2017, Lowell met Amy's birth mother for the first time. It was a joyous gathering of family.

Lowell was informed only last month that he had been named a 2018 recipient of the Iowa State University Foundation Order of the Knoll Faculty and Staff Award in recognition of his dedicated and long-term professional and volunteer service and creative leadership to Iowa State and the Iowa State Foundation through the advancement of philanthropy. He will receive this award posthumously in April 2018.

Lowell is survived by his wife, Jennie; son Chad (Chris Sharp); son Blair (Angie); daughter Amy (Winston) Trotter; sister Janette (Art) Hoffman; sister Janelle Bremer; stepdaughters Valerie (Jason) Maggitti; Sara (Pat Ronan) Madole; Amy (Brian) Coquyt. Survivors also include 10 grandchildren: Zach, Emma, Alex and Evelyn Greimann; Eve, Diego and Mac Greimann; Bella Trotter; Bronwyn Maggitti; Lily Coquyt.



Earl Hammond
November 21, 1926 – May 10, 2017

Earl Hammond, age 90, died on May 10 at Northcrest Health Care after a long, productive and rewarding life.

Earl received his BS and MS degrees in chemistry from the University of Texas at Austin. He continued his studies at the University of Minnesota where he received a PhD in biochemistry in 1953.

While a student at the University of Texas he got called into the army in 1946. He served for one year in New York and Washington. He returned to Austin, and was working on his MS degree when he met Johnie Wright at the University Baptist Church. Following a long courtship, they were married at University Baptist Church in Minneapolis on September 17, 1951.

After completion of their degrees, Earl received an offer from Iowa State College. He and Johnie moved to Ames where Earl taught cheesemaking and food chemistry, and did research on fats, oils and lipids for the next 50 years. He officially retired in January 2003, but continued to do research and work with students until 2014.

Earl's research on lipids was awarded honors on several occasions by the American Oil Chemists Society as well as international honors including an honorary doctorate degree from the University of Olzytin, Poland. His work has resulted in over 30 patents and is used in several commercial products. What he loved the most was the opportunity to work with and guide the research of graduate students from all over the world. His love of science and chemistry was reflected in the microscopes and chemistry sets his children received for Christmas.

Earl was an active member and frequent teacher at First Baptist Church. He was a founding member of Story County Housing and Ames Ecumenical Housing and contributed his time to providing affordable housing for low-income families. He also loved to play recorder and played in small groups for many years. Earl and Johnie enjoyed international travel and frequently took along one of their grandchildren when they visited other countries.



Marvin G. Julius

Marvin Gottfried Julius, Emeritus Professor of Economics, died January 22, 2018 in Ames at the age of 95.

Marvin Julius was born June 6, 1922 in Pocahontas County, Iowa. He served in the U.S. Army during World War II and again for eighteen months during the Korean Conflict. He earned a BS degree in Animal Husbandry at Iowa State College in 1948.

Marvin's employment career with Iowa State began in 1955 when he was appointed County Extension Director for Humboldt County. He served in that capacity until 1963 when he joined the campus-based Extension Service as a three-quarter-time Extension Associate. He also began graduate study in the Economics Department in 1963. (Graduate study was the reason for the three-quarter rather than full-time appointment.) Marvin completed his graduate education in early 1968 and was awarded the PhD degree in Economics. He was then promoted to Associate Professor with tenure in the Department of Economics. He was promoted to Professor in 1972. He retired from ISU in 1980.

Professor Julius was a public policy Extension specialist. His duties involved doing research on policy issues important to the people of Iowa and then presenting his findings to government officials and/or members of the public. He worked on such topics as the availability of medical services throughout the state, land use policy, rural economic development, the distribution of airports throughout the state and valuation systems for agricultural property taxation. He served on important public policy committees and boards. These include: member of the Governor's Rural Economic Development Committee (1971), member of General Assembly's Tax Advisory Committee (1975), Director of the Economic Stabilization Program of the emergency plan for the Iowa Civil Defense Division (1972-75), Research Director for the governor's Local Government Task Force (1976-77), and Consultant to the Iowa Department of Revenue on methods of determining use-value of agricultural property (1977-80).

Marvin Julius married Maxine Meeske in Pocahontas, Iowa in 1947. She as well as their four children: DeAnne of London, England; Kent of Reunion, Florida; and Mark and Lane of Ames and four grandchildren survive him.

Respectively submitted by Dennis R. Starleaf



Janet Klaas – December 6, 1941 – January 26, 2018

Janet (Engler) Klaas was born in Kansas City, Mo., on Dec. 6, 1941. She attended Paseo High School, earned a bachelor's degree from the University of Kansas City in 1963 and a master's degree in library science from the University of Denver in 1965. Before moving to Ames, she worked as a librarian at University of Denver, California State University at Long Beach, Kansas City Public Library and the University of Missouri-Kansas City.

Janet came to Ames in 1975. She served as director of the Engineering Reading Room in Marston Hall from 1977-79 when she joined the Reference and Government Documents Department in the ISU Parks Library. In 1987, she worked for a short time as a proofreader, indexer and editor for Iowa State

University Press. From 1988 until retirement in 2007, she was an information services Librarian at Ames Public Library.

Her professional career as a librarian was marked by a spirit of service to the people in her community. She had an immense book collection at home. Often someone would come in looking for a book that the library didn't have, and she would tell the patron, "Oh, I have that. I'll bring it in tomorrow for you." Amongst her duties at Ames Public Library, she catalogued articles published in the Ames Tribune, including the obituary section.

Soon after moving to Ames, Janet was one of the original founders of a women's book group which began in 1981 and met continually on the final Monday of every month, including meeting at Northcrest Healthcare facility in December 2017, which Janet was pleased to attend. Like the librarian she was, Janet saved these books, folding in printed reviews and notes about the book and author. The book group looked to Janet always for her wisdom, her humor and irreverence.

Throughout her 35 years in library service, Janet enjoyed finding answers for people regardless of the nature of their questions. Her specialty was local history. She worked extensively with the photograph collection that Ames historian Farwell T. Brown donated to the Ames Public Library. She worked with Farwell for more than 20 years, organizing and indexing the photographs, with captions, in an effort to preserve the community's history. This collection is now accessible to all through an online database on the Ames Public Library website. Additionally, she was editor for Brown's books on Ames history and his grandfather's Civil War writings. Her passion for local history continued after retirement. As a volunteer with the Ames Historical Society, she assisted in collecting and transcribing the life stories of many current and past Ames residents. In October 2017, Janet received Ames Historical Society's Farwell T. Brown award for exceptional service to the Ames Historical Society.

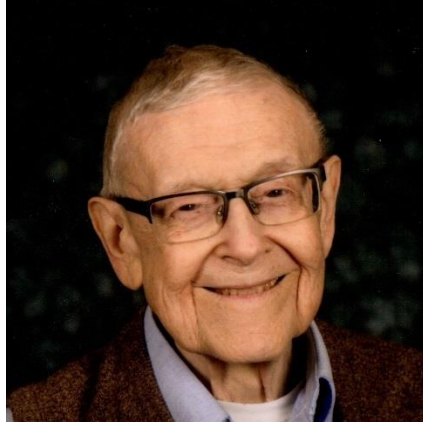
Janet served as president of the Unitarian Universalist Fellowship of Ames and was on the boards of both Town & Gown and the Central Iowa Symphony. Behind the scenes, she was a major benefactor of these organizations as well.

Janet also was involved in getting KHOI 89.1 community radio started. Together with Mary Richards, she founded and co-produced the Community Bookshelf program, highlighting authors with local connections. She donated a large collection of classical recordings for the station, and in 2017 KHOI dedicated a recording studio in her name.

Her family and friends remember Janet's sharp intellect and biting wit, but also her heartfelt kindness and dedicated support of the Ames community and progressive causes over the past decades.

Janet is survived by her husband of nearly 49 years, Erwin Klaas, her sons, Zak Klaas, of Gatineau, Québec, and Ben (Wendy) Klaas, of Minneapolis; and daughter, Abby (Jeffrey) Chungath, of Des Moines. She took great pride and joy in her six grandchildren, Colin and Rowan Klaas, Carson and Piper Klaas, and Theo and Ellie Chungath. She is also survived by her brother Albert (Charlotte) Engler, and sister, Barbara Klausmeier. She was preceded in death by her father, Garlin Engler, and her mother Olga (Saak) Engler.

In the last months of her life, the staff and care specialists at Northcrest Healthcare Center and St. Croix Hospice were of unbelievable support and compassion. She also received an outpouring of support from the friends that visited her during that difficult time. It meant so much to her and to her family. A celebration of life will be at 2 p.m. on March 3, 2018, at Unitarian Universalist Fellowship of Ames. In lieu of flowers, donations can be made to any of the above organizations above that Janet shared her time and talents.



Edwin "Ed" Lewis

December 1, 1933 – February 22, 2018

This obituary prepared for the ISU Faculty Senate, is an edited version of an article by Emily Barske published in the February 27, 2018, issue of the *Iowa State Daily* with additional information provided by Dr. Fred Borgen, a colleague of Dr. Lewis.

Former Associate Provost Ed Lewis was known as a listening ear and advocate in his more than 40 years at Iowa State. Ed served in several capacities in his time at Iowa State, starting as an assistant professor of psychology in 1957. At the time of his retirement in 1998, he was associate provost and psychology professor. He was asked to come back part time in the university's Ombuds Office from 2006 to 2008. Ed died at age 84 in Minneapolis on February 22, 2018.

Nancy White and Ed Lewis met at Wittenberg College in Ohio. They ranked 1 and 2 in their 1955 graduating class. With their modest and generous spirits, their four kids were never sure who was first. Ed earned an Ohio State Psychology M.S. in his fourth year at Wittenberg and then a Ph.D. in 1957. He joined the Iowa State faculty at age 23, looking like a young undergraduate. In fact, according to colleagues, a graduate student tried to kick Ed out of his Psychology office.

Some of Ed's notable accomplishments at Iowa State include developing the doctoral program in Psychology, working with colleagues to establish the University Honors Program, advocating for women, and being a champion of change whether that was through big initiatives like policy creation or helping people find common ground.

Establishing well-known doctoral training programs. Ed was a counseling psychologist -- always looking for ways to help others, within a model combining science and practice. In his first decade at Iowa State, he helped to build a Psychology graduate program that granted its first Ph.D. in 1966. Ed was a key part of the doctoral program in Counseling Psychology, now accredited by the American Psychological Association (APA), and the doctoral training program in the Student Counseling Service, also now accredited by APA.

Catalyst for the University Honors Program. Some would say Ed's passion for students was best shown in the work he put into the Honors program. He believed that students should be exposed to a variety of topics outside their major to advance their world views. The University Honors Program was established in 1960 and Ed became the Chair of Honors in 1966, according to the Honors website. He created Honors Seminars, which are still part of the program today, meant to "encourage breadth of intellectual experience."

Under his leadership, the Honors Program branched out to the colleges. Ed also helped establish the Freshman Honors Program and created "an intensive training" for those leading seminars for first-year students, according to the Honors website. Even with his busy schedule in the years serving as associate provost, he still led weekly leadership classes for the sophomores who taught the first-year honors seminars. His own leadership style was to listen first and then make recommendations without telling people what to do, said Elizabeth Beck, retired director of the Honors Program. But when something needed to be done, he got it done. The Honors Program, which began with 40 students, now has 1,400 students.

Champion for women. Much of Ed's research as a psychology professor focused on gender equity. In his time as a psychology professor affiliated with the Student Counseling Center, he noticed that many of the materials about seeking careers or interest tests were geared toward men. Ed decided to write about this and eventually created a proposal to start the University's Committee on Women. The committee was established in 1972 and was one of the many activities in which Ed participated to advocate for women. Ed served on the Governor's Commission on the Status of Women under Gov. Robert D. Ray. He also supervised the Women in Science and Engineering program for a time. "I think that it certainly became more acceptable for women to be in non-traditional fields," he said in a 2004 interview about changes in opportunities for women during his time at Iowa State. "Certainly in math, or the engineering and science area, the fact that we were actively recruiting women students for those areas..."

Helping the university adapt. During his time at Iowa State, Ed led the university through several changes. His daughter, Iowa State alumna Mynda Lewis, said he helped lead the university in its transitions from quarters to semesters. At various points he oversaw the Lectures program, Career Services, the Instructional Technology Center and the International Students and Scholars Office. Brenda Behling, director of academic policy and personnel in the provost's office, noted that Ed was known as the university historian and policy expert. At the time of his retirement, he had written or had a hand in shaping almost every policy the university had on file. In addition to his love of working with students, he was an advocate for faculty and staff.

Ed was adept at personnel issues and brought a solutions-oriented mindset to constituencies like Faculty Senate. As noted by Warren Madden, former senior vice president of business and finance, Ed was able to organize policies in way that was very challenging before computers and the internet were widely used.

Ed Lewis is survived by his four children, Elizabeth of St. Paul, Jon of Minneapolis, Kendrick of St. Paul, and Mynda of Woodbury, Minn.; many grandchildren; and by a sister, Marilyn Drunasky of Anaheim, Calif. He was preceded in death by his wife and his parents.



When Morris H. Mericle died Monday, Jan. 23, 2017, in Santa Clara, Calif., Iowa State University's Electrical and Computer Engineering (ECpE) department lost a distinguished alum and faculty member. Morris was a beloved professor, as well as an admirable father and husband. During his time at Iowa State, Morris received his bachelor's, master's and doctorate degrees from Iowa State, and he was a professor for the Electrical Engineering Department for 30 years.

Morris was born in Toledo, Iowa, on March 26, 1925. He began his college career in 1943, but he was commissioned by the U.S. Naval Academy in 1944 and served in World War II. Mericle

later graduated from ISU in 1947; he went on to receive his master's in 1956 and his doctorate in 1963, both in electrical engineering.

"My recollection is that Morrie Mericle and I took some of the same basic electrical engineering courses together back in 1941 and 1942. With World War II intervening, our paths parted for many years until 1986 when I returned to ISU as an Adjunct Professor in ECpE," Emeritus Adjunct Professor Glenn Hillsland said when recalling his memories of Morrie. "I then met Morrie again over a cup of coffee in the coffee shop in Coover Hall. From those conversations, I got the impression that Morrie was a very practical-minded guy who effectively applied knowledge gained in academia to solving problems out in the world of blood, sweat and tears."

Morris' first became interested in electrical engineering in the winter of 1936. In a personal essay Morris wrote for the Ames Historical Society, he reminisces on the struggles his family faced after they lost their Toledo home to foreclosure. As Christmas approached, Morris was living in a tiny house with his parents, grandparents and his two younger siblings. Though his mother had told him not to expect anything for Christmas that year, Morris' father couldn't resist getting him something.

"It was then I saw what [his] jacket had been hiding: An eight-and-a-half erector set, the largest size. It had probably cost \$14, a huge amount at that time. A prudent person could eat for two weeks on \$14," Morris wrote, as he recalled the memory. "Only later did I learn that my dad had originally bought me a five-and-a-half erector set, only to learn from our neighbor that their son would be getting the seven-and-a-half set. It was then that my dad took my present back and exchanged it for the best erector set offered. I think he needed to give it as much as I needed to get it."

Eileen Mericle, who has been married to Morris for 57 years, looks back at her late husband's years at Iowa State as a fun time. According to Morris, many of the faculty members and professors would play jokes and pranks on each other. Eileen remembers one story where someone even put a weather balloon in another person's office, and it exploded when they opened the door.

"Morrie was an unforgettable character. He was a great storyteller, whether he was talking about his time in Alaska, in the Chicago steel mills, in the aircraft industry in Southern California or just adventures around Ames," Emeritus Professor Terry Smay said, recalling his memories of Morrie. "He had a long and adventure-laden life, and I remember him fondly."

During his time as an associate professor at Iowa State, Morrie taught control theory, along with Distinguished Emeritus Professor Grover Brown. Morrie also taught electronics and was among the most popular faculty members, according to Emeritus Associate Professor Tom Scott.

"He often socialized with students in evenings as well as working hours. Students regarded him as a friend, not just a task master," Scott said.

However, Morris did not only spend his time teaching. He spent many years working for Republic Steel, the Corps of Engineers, Lockheed (Martin) and Autonetics.

After he retired, Morris enjoyed his days traveling with his wife around the country visiting old friends. They ultimately resided in Silicon Valley, Calif., but have had an Ames, Iowa, phone number for the last 55 years, which they insisted the phone company let them keep after their move out of the state.

“He was a fantastic father, best father there ever was. He was crazy about his daughters and they were crazy about him,” Eileen said.

Eileen also said their two daughters looked up to him very much, and one even got a degree in electrical engineering and worked as an electrical engineer for the U.S. Navy where she worked on advancing electrical simulations. The other is a vice president of Adobe in Silicon Valley.

“He wanted his legacy to be his children, and that turns out to be true,” Eileen said.

Eileen has set up a tax-deductible memorial in Morrie’s name. Any contributions may be made to the ECpE Department, Coover Hall, ISU, Ames, Iowa, 50011.

A graveside service will be held on July 3 at ISU Cemetery at 10:30 a.m. After the service, guests are invited to have lunch at Olde Main Brewing Company in Ames.

“Morrie was the historical bridge between Veteran WWII faculty and GI-bill grad student TAs for newbies like me. His embellished stories about their unique idiosyncrasies and moments were colorful and hilarious,” Emeritus Professor Dick Horton said. “Our time together spanned 30 exciting years, during which the solid-state analog and digital electronics era began and was quickly followed by the microprocessor and personal computer era. Change was constant, and Morrie embraced it.”

James Murdock



James was born on February 8, 1945 and passed away on Tuesday, August 22, 2017. James was a resident of Ames, Iowa at the time of passing.

He attended Brown University in Providence, Rhode Island (1962-1966) and New York University (Courant Institute of Mathematical Sciences, 1966-70), earning a Sc.B (bachelor of science) degree in Applied Mathematics (1966) and a Ph.D. in Mathematics (1970).

Dr. Murdock came to Iowa State as an Assistant Professor of Mathematics in 1976, was promoted to Associate Professor in 1979, and Professor in 1985. He retired as an Emeritus Professor in 2007.



Peter J. Reilly died on November 2, 2017 of duodenal cancer. Reilly was born in Newark, New Jersey, on December 26, 1938 to Edward and Anita (Galdieri) Reilly. After early years in Philadelphia and on Long Island, New York, his family moved to Pompton Lakes, New Jersey, where he attended Pompton Lakes High School, graduating as valedictorian and unanimously selected by his classmates as “Outstanding Boy.” He attended Princeton University, where he received his A.B. in Chemistry in 1960, and the University of Pennsylvania, where he was awarded a Ph.D in Chemical Engineering in 1964.

After a brief stint at the DuPont Company in its Organic Chemicals Department in Deep Water, New Jersey, Reilly began his academic career at the University of Nebraska in 1968. He joined the faculty of the Department of Chemical Engineering at Iowa State University in 1974. In Ames he met Rae (Messer), and they married in 1976. To this marriage he brought twin daughters, Diane and Karen.

Reilly remained on the faculty of Iowa State for forty years, until his retirement in 2014, becoming Anson Marston Distinguished Professor in Engineering in 1992. He also served as visiting professor at the École Polytechnique Fédérale de Lausanne, Switzerland, at the School of Chemical Engineering at the University of Queensland, Australia, and at the Zuckerinstitut of the Technische Universität Braunschweig, Germany.

Reilly’s research at Iowa State focused on enzymes – proteins produced by living organisms that accelerate chemical reactions – and in particular, enzymes that convert starch and cellulose found in plants to into glucose. He also worked in the areas of computational biology, carbohydrate chromatography and utilization of agricultural residues. At the time of his retirement, he was credited with more than 150 technical publications, more than 150 presentations at technical meetings and more than 250 invited presentations around the U.S. and the world.

In addition to extensive traveling internationally both personally and professionally, Reilly also worked for many years with exchange students from Iowa State and other institutions. He launched three international exchange programs at Iowa State; one of which was unique in the world that exchanged students, faculty, and staff from across Iowa State with those at the University of Glasgow, Scotland. He also initiated two university-wide programs with the Université de Lausanne and École Polytechnique Fédérale de Lausanne in Switzerland, which continue to this day. He enjoyed leading summer programs for chemical engineering students to University College, London and the Universidad de Oviedo, Spain. He also served on a number of doctoral committees in countries such as India and Sweden; and supervised 22 Ph.D students from 11 countries, including Korea, Nigeria, the former Yugoslavia, Turkey, Taiwan, Portugal, Switzerland, India, and China, as well as the United States. He took particular pride in the fact that 11 of his students chose careers in university research and teaching.

Beyond scientific pursuits, he enjoyed serving on and then chairing the ISU Library Advisory Committee. In his retirement, he served on the board of the Ames International Orchestra Festival Association, serving as its president for two years.

Memorials may be directed to the Peter Reilly AIOFA Fund (Ames International Orchestra Festival Association) through the ISU Foundation, or the William R. Bliss Cancer Center or MGMC Hospice, both through the Mary Greeley Medical Center Foundation.



David "Dave" Dow Robb died Dec. 21, 2017, in Salina, Kansas, at the age of 95. Robb was a former professor of the Department of Electrical and Computer Engineering (ECpE) at Iowa State University and the Department of Electrical Engineering and Computer Science (EECS) at the University of Kansas.

Robb was born on Feb. 13, 1922, in Salina to Francis and Florence May (Dow) Robb. Robb was preceded in death by his beloved wife of 47 years, Mildred Hershey Robb, who passed away in 1994.

He earned electrical engineering undergraduate, graduate and doctorate degrees from the University of Kansas (BSEE 1943, MSEE 1948 and Ph.D. 1964). He was a member of The Institute of Electrical and Electronics Engineers (IEEE) and the Sigma Xi and Eta Kappa Nu honorary societies and is the namesake of the Robb Award, a gift for graduate students to present papers at a conference or workshop, attend conferences or other activities that would enhance the educational experience and knowledge of the student.

Robb began his time at Iowa State University in 1948 and was an assistant professor until leaving in 1952. He later returned to ISU in 1968 and was an electrical engineering professor until retiring in 1977. During his time away from Iowa State, Robb worked at Wilson & Company in Salina and was an instructor at the University of Kansas.

"Dave was a very capable engineer and Iowa State professor," said Anson Marston Distinguished Professor James McCalley. "He was very knowledgeable in electric power and the energy systems group."

While at Iowa State, Robb worked alongside Mervin S. Coover and Warren B. Boast, two notable figures in the history of the Department of Electrical and Computer Engineering at Iowa State. Coover became the namesake of the department's building in 1969 to honor his service and dedication to the department and the College of Engineering. Boast assisted in the designing process of Coover Hall, which opened in 1950.

"Dave Robb was a dear friend. Almost every day we walked together to have lunch in Campustown," said ISU ECpE Professor Emeritus Thomas Scott. "Dave and Mildred invited us to dinner at their house and asked us to bring our baby, whom they doted on her as if she were theirs."

Upon retirement, Robb returned to Salina and practiced consulting engineering in the area of electric power generation and transmission until he reached the age of 80. Thereafter, he maintained an office in downtown Salina and was a familiar face to many in the town.

Robb is survived by his two children, four grandchildren and one great-grandchild. Funeral services were held Dec. 28, 2017, at First Presbyterian Church, followed by a burial in Gypsum Hill Cemetery in Salina.



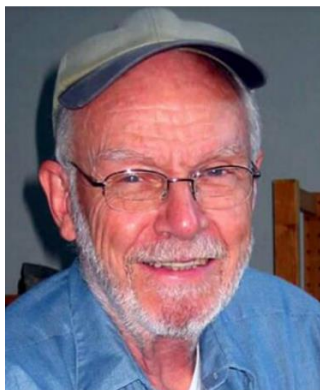
John Francis Robyt
February 17, 1935 – February 25, 2017

John F. Robyt, 82 Professor of Biochemistry, was born in Moline, IL. He earned a B.S. degree in Chemistry from St. Louis University in 1958 and married Lois Teft Kennedy that same year. He earned a Ph.D. degree in Biochemistry from Iowa State University in 1962. After teaching at Louisiana State University for one year, he conducted research at the Lister Institute of Preventative Medicine in London, England. He returned to Iowa State University in 1964 and, in 1967, became a faculty member in the Department of Biochemistry, Biophysics, and Molecular Biology until 2017.

John became internationally known as an outstanding carbohydrate biochemist. He taught a variety of biochemistry classes and a graduate-level course on carbohydrate biochemistry. Besides numerous refereed journal publications, he authored two editions of a textbook on *Essentials of Carbohydrate Chemistry*.

In his leisure time, John enjoyed coaching hockey and baseball. In addition to being the student advisor for the Iowa State hockey team, he served as president of the Ames Minor Hockey Association for many years. John also enjoyed gardening, watching Chicago Cubs baseball, and many activities with his family including extensive travel.

John is survived by his wife, Lois (nee Kennedy) Robyt, daughter Clare Robyt, son William (Michelle) Robyt, five grandchildren, and one great granddaughter.



Malcolm A. Rougvie
February 4, 1928-November 13, 2017

Malcolm A. Rougvie, 89, Associate Professor of Biochemistry and Biophysics, died November 13, 2017. Malcolm was born February 4, 1928 in Belmont, MA. He graduated from the Lawrence Academy in Groton, MA. In 1945, he enrolled in the MIT and was awarded a B.S. degree in 1946 in Quantitative Biology. He earned an M.S. degree in Physical Biology in 1951 and a Ph.D. degree in Biophysics in 1954 also at MIT. He served as Instructor of Biophysics at MIT until 1955. Malcolm came to Iowa State University in 1955 where he was a Research Associate in the Department of Physics. In 1957, he joined the Department of Biochemistry and Biophysics as a founding member and retired in 1993. He met his wife Barbara Jeanne Spillers in Ames and was married March 7, 1959. Barbara was employed as instructor in the College of Family and Consumer Sciences until her retirement.

Malcolm's research interests focused on the application of physico-chemical methods, such as hydrodynamic methods, X-ray diffraction, and spectroscopy to study biological molecules including fibrous proteins, structure and reactivity of associating protein systems, and self-assembly of biological organelles. He taught both undergraduate and graduate lecture and laboratory courses in biophysics.

After retirement, Malcolm enjoyed working with the University Museums. He donated a beautiful antique crystal glass dated 1894-1903, which is on display at the Brunnier Art Museum. As Museum volunteer, he was instrumental in locating the Christian Petersen bronze Panther statues, "providing such things as maps of the area where the estate had been and learning that the land had been acquired by the Navy during World War II." He was also involved with the Ames Town and Gown where he served as a board member.

Malcolm is survived by his three children, David (Stacey) Rougvie, of Appleton, WI, Ann (Jeff Simon) Rougvie of St. Paul, MN, and James (Brenda Plakans) Rougvie of Beloit, WI, five grandchildren, and two great grandchildren. He was preceded in death by his parents James and Edith, sister Janet, and his loving wife, Barbara.



Dr. Harry J. Weiss passed away at the age of 94 on Nov. 22, 2017, with his wife of 70 years at his side, at the Green Hills Health Care Center in Ames. The family will hold a memorial service in celebration of Harry's life at 3:00 p.m. on Saturday, Dec. 16, 2017, at the Ames Jewish Congregation, to which their friends and acquaintances are invited.

Harry was born Feb. 15, 1923, in Pittsburgh, Pennsylvania, to Ralph and Bessie (Denson) Weiss. He served in the U.S. Army from 1943-1946, fighting in the European Theater of Operations in Germany and France, and remained in the army reserves until honorably discharged in 1953. While in the military, Harry received a field commission as staff sergeant and later became a 2nd Lieutenant in charge of his platoon. A member of the 100th Division, he earned, among multiple medals and badges, a Bronze Star and a Purple Heart. At war's end, Harry's military duties included helping persons displaced by the war, including concentration camp survivors.

After returning from his military duty overseas, Harry met the woman who would become his wife, Marion Ruth (Rivkees) Weiss. They were married on May 30, 1947. After his military service, Harry resumed his education and received his B.S. (1947) in Mathematics, an M.S. (1949) in Applied Mathematics, and a D.Sc. (1951), also in Applied Mathematics, from the Carnegie Institute of Technology (now Carnegie Mellon University) in Pittsburgh, Pennsylvania.

Prior to accepting a position at Iowa State University and moving to Ames, Harry was an Assistant Professor of Mathematics (1947-1951) at Carnegie Institute of Technology and then Assistant Professor of Applied Mathematics (1951-1953) at Brown University. He joined the faculty at Iowa State College (now University) in 1953 as an Assistant Professor (1953-1956) of Mathematics and was promoted to Associate Professor (1956-1962), Professor (1962-1989) and then Head (1964-1986) of the Department of Engineering Science and Mechanics. Harry retired in 1989 and was named Professor Emeritus of Aerospace Engineering/Mathematics. Throughout his career Harry's main focus of research was in applied mathematics, continuum mechanics, and integral transforms. After retiring from Iowa State, Harry spent two years in Germany and Italy teaching mathematics at Army and Air Force bases.

Once he officially retired from teaching, Harry continued to donate his time and talents to the academic and Ames community at large through multiple volunteer and professional activities. He served as Executive Secretary of the local chapter of Sigma Xi, the Scientific Research Honor Society, an international research society that works to promote the health of the scientific enterprise and honor scientific achievement, and in 2010 Harry received their Evan Ferguson Award for excellence in service. He also served as treasurer of the Free Medical Clinic in Ames, which serves underinsured and indigent individuals, treasurer for the Ames chapter of the League of Women Voters, and as a board member for the Ames Public Library. When Harry and Marion moved to Ames in 1953, they helped found the Ames Jewish Congregation. He continued to volunteer his skills and time to the congregation and, driven by his desire for harmony and understanding among people of different faiths, served as Ames's representative on the Iowa Interfaith Council.

Harry had a lifelong love of jazz music and a passion for bringing that music, and an appreciation and understanding of jazz music, to the larger Iowa community. For at least 14 years, Harry and Marion and their good friends Don and Donna Newbrough sponsored a jazz party in Ames. Each year they brought in top-flight musicians and hosted the event at the Gateway Center Hotel, with 250-300 jazz fans from around the state attending each event. Harry often presented programs on jazz and popular music to Senior Centers and Elder Hostels, including at Iowa State.



Richard L. Willham was born May 4, 1932 in Hutchinson, Kansas. He received a B.S. (1954) in animal science from the Oklahoma A&M College and a M.S. (1955) in animal breeding and genetics and a Ph.D. (1960) from Iowa State University.

Before receiving his Ph.D., Dr. Willham served as an officer (1956-1957) in the United States Army in Korea. After returning to the United States, Dr. Willham worked as an Assistant Professor (1959-1963) in the Animal Science Department at Iowa State University. He accepted a position as an Associate Professor (1963-1966) at Oklahoma State University. Dr. Willham returned to Iowa State in 1966 as an Associate Professor (1966-1971) and was soon promoted to Professor (1971-1997). In 1979, the University bestowed Dr. Willham with the title of C.F. Curtiss Distinguished Professor in Agriculture. He became Professor Emeritus in 1997.

While at Iowa State University, Dr. Willham was a moving force to develop national sire evaluation and he worked closely with the beef industry to develop genetic predictions, known as EPDs. He also created the "Computer Cow Game," (1966) a computer program used to interest undergraduate students in beef cattle genetics through the use of a simulated cattle herd. Dr. Willham also conducted a beef-dairy crossbreeding experiment (1967-1978), which studied the lifetime production of dairy introductions. This project was Iowa State University's contribution to the North Central Regional Beef Cattle Breeding Project.

Dr. Willham has published over 200 articles and books. His works include *a Heritage of Leadership: a Story of the First 100 Years of the Animal Science Department at Iowa State University* (1996) and *the Legacy of the Stockman* (1985). Dr. Willham was also the guest curator for the "Art About Livestock" exhibition for the 1990 American Society of Animal Science annual meeting. In 1999, he also painted a mural entitled "the Coffee Time Mural," which illustrates the history of animal breeding and genetics.

Dr. Willham belongs to several professional organizations including the American Society of Animal Science and the Beef Improvement Federation. He has also received numerous honors and awards including a National Science Foundation Fellowship, the J.R. Prentice Memorial Award in Animal Breeding and Genetics from the American Society of Animal Science (1978), a Continuing Service Award from the Beef Improvement Federation (1974), and a distinguished service award from the Red Angus Association of America (1981). Dr. Willham was named the recipient of the 2004 Saddle and Sirloin Portrait Award for his outstanding contribution to animal science. A copy of the portrait hangs in the Saddle and Sirloin Club gallery at the Kentucky Fair & Exposition Center in Louisville, Kentucky and in Kildee Hall, Iowa State University.

Dr. Willham married Esther Burkhart (1954); they have two children, Karen and Lee.



Roy James Zingg, alumnus and former professor with the Department of Electrical and Computer Engineering (ECpE) at Iowa State University, died Jan. 30, 2018, at Mary Greeley Medical Center in Ames, Iowa, at the age of 86.

Zingg was born on Sept. 12, 1931, to Emil and Martha (Biekert) Zingg in Charles City, Iowa. Upon returning from serving in the U.S. Navy during the Korean War, he married Carol Schuldt on May 12, 1966.

Successful alumnus, Zingg, earned electrical engineering undergraduate, graduate and doctorate degrees from Iowa State (BSEE'58, MSEE'61 and PhDEE'68). He was a member of The Institute of Electrical and Electronics Engineers (IEEE), a professional society, as well as the honorary societies Sigma Xi, Phi Kappa Phi, Tau Beta Pi and Eta Kappa Nu, where he served as chapter president in 1957.

Zingg began as an instructor in September 1958 and was later promoted to a tenured professor in 1974. During his time at Iowa State, he taught several courses in electrical engineering and computer science and he conducted research in architecture and design of various experimental digital systems. He left academia in 1983 and worked at McDonnell Douglas (now a part of Boeing), until his retirement in 1998.

“Professor Zingg hired me to work as a programmer on the SYMBOL computer research project in the Cyclone Computer Laboratory,” said alumnus David Ditzel, who noted Zingg as his favorite professor. “I worked on the project throughout my undergraduate education, spending every spare hour in the lab.”

“Roy was a longtime mentor and friend. I did my undergrad research with him in the early '80s,” said ECpE Professor Diane Rover. “After he left for McDonnell Douglas, I had an internship in one of his labs. He has quite a history with early computers in the department.”

Zingg worked jointly with Iowa State and Fairchild Camera and Instrument Corp. in the design of an experimental digital system, was a co-investigator of a five-year funded time-shared computer systems research project and consulted with Textronix, Inc., in the calculator division.

“Roy was a longtime mentor and friend. I did my undergrad research with him in the early '80s,” said ECpE Professor Diane Rover. “After he left for McDonnell Douglas, I had an internship in one of his labs. He has quite a history with early computers in the department.”

Zingg is survived by his wife, two children and five grandchildren.