

# **MEMORIAL RESOLUTIONS**

**Robert J. Bauske**

**Jean Cook**

**Don Duvick**

**William Charles Merrill**

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**Joel Snow**

**W. Wayne Weber**

**Iowa State University Faculty Senate  
December 12, 2006**



## Robert J. Bauske

Professor Robert J. Bauske retired from the Department of Horticulture, Iowa State University in 1986, after 20 years of service. He died on February 26, 2006 in Okoboji, IA at the age of 84.

Robert J. Bauske was born in Chicago, IL on July 16, 1921. After graduating from high school in Des Plaines, IL, Robert received a B.A. degree in Botany from Carleton College in 1943, then was commissioned as a lieutenant in the U.S. Navy. He served in the Atlantic and Pacific theaters during World War II and was in Tokyo Bay in September 1945 for the Japanese surrender. After the war, Robert worked for a time in the family's greenhouse business, then completed his education, receiving the Ph.D. degree in Plant Pathology at Iowa State University in 1966.

Robert taught the introductory horticulture and greenhouse crops classes for the department, but it was the introductory course for which he was best known. Many Iowa State alumni can recall this introductory class because of an intense interest in gardening during the 1970s and Robert's popularity as a teacher. The result was a class that attracted hundreds of students each fall, winter, and spring quarter. During this period, he also wrote his textbook *Home Horticulture*. For his teaching and writing, he received the Distinguished Teaching Award in 1978 from the American Society for Horticultural Science and in 1982 the Outstanding Teacher Award from Iowa State University.

Robert retired as professor emeritus in May, 1986. He was a valuable member of the faculty, providing strong leadership in advising, course and curriculum development, orientation, and Hort Club activities. He was also an excellent bowler, at a time when there was fierce competition amongst department teams for the league championship.

Robert and Grace (Redmond) Bauske (now deceased) were married for 62 years, until his death. He is survived by four children, David (Carol) of Pueblo, CO, Mark (Nancy) of Oklahoma City, OK, Clay (Lennie) of Weston, MO, and Lynn Hogan (Ken) of Boulder, CO; four grandchildren and one great-granddaughter.

Robert will be remembered fondly by his colleagues as a gentleman and a scholar, with an elegant yet friendly demeanor, and as an academician with a truly collegial attitude toward students and colleagues alike.

Submitted by:

Loren Stephens  
(with contributions from working and retired colleagues)  
Iowa State University, Ames, Iowa



### **JEAN COOK IN MEMORIUM**

Jean Cook, Professor Emerita, passed away on Monday, September 18, 2006, at Wesley Acres in Des Moines at the age of 79. She retired from the Library in 1991 from her last position, as Head of the Acquisitions Department. Jean graduated from the Centerville Community Schools in 1945, received her B.A. degree in Journalism from the University of Iowa in 1949, and a Master's Degree in Library Science from the University of Oklahoma in 1969.

Jean's first professional library position was as an Instructor and Serials Cataloger at Iowa State University from 1969-1973. She became Assistant Professor and Head of the Serials Cataloging Section in 1973, but in 1976, Jean left ISU to accept a position as Head of the Serials Department at Duke University. In 1980, she returned to ISU as Associate Professor and Head of the Serials Department. In 1988, Jean was promoted to Professor. In 1989, the departments in Technical Services were reorganized and Jean became Head of the new Acquisitions Department.

Jean Cook was one of the earliest recipients of an important national award, the American Library Association's Bowker/Ulrich's Serials Librarianship Award. This was given to her in 1990 "in recognition of her distinguished contributions to serials librarianship, among them, active participation and dedicated service to the American Library Association, the Serials Industry Systems Advisory Committee, and the Iowa Newspaper Project; her contributions to serials literature including co-editorship of the series 'Advances in Serials Management' and author of numerous articles; and for being an outstanding serials librarian well-respected by her peers for her depth of knowledge, experience, and excellent judgement."

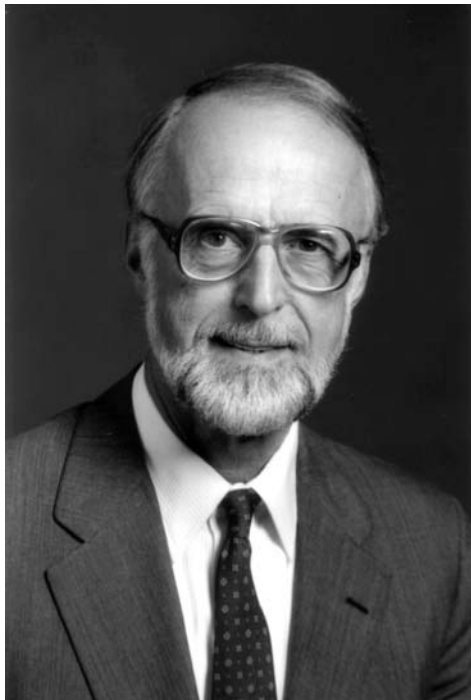
At ISU, Jean was the "Mother of the Serials Catalog," instrumental in developing and implementing the innovative book-format catalog that was in use here during 1973-1990. She was actively involved in the selection and introduction of ISU's first two online systems, from Carlyle and NOTIS. Staff in

areas she supervised will remember how Jean used to walk around the department to say hello to people in the morning. Her strong leadership and warm personal style were appreciated by her colleagues in the library, and we missed her when she retired.

Jean was born the daughter of James and Bertha (Furstenburg) Gavronsky on April 28, 1927 in Centerville, Iowa. Jean is survived by: her daughters, Dr. Jennifer Cook and her husband, John Kisner of Des Moines, Iowa, Amy Porter and her husband, Paul of Colorado Springs, Colorado and Elizabeth Jensen and her husband, Robert of Austin, Texas; and five granddaughters.

Funeral services were held on Wednesday, September 20, 2006 at the Schmidt Family Funeral Home in Centerville with Chaplain Kay Singley officiating. Burial was in the Hebrew Cemetery north of Centerville. A memorial service held for Jean Cook by the Ames Jewish Congregation on September 23 was attended by a number of her former ISU colleagues.

Respectfully submitted by Janet Arcand and Lori Osmus Kappmeyer



Don Duvick, agronomy affiliate professor and retired senior vice president of research at Pioneer, died on May 23, 2006 from complications of a brain tumor.

Donald N. Duvick was born December, 18 1924 in Sandwich, IL, USA. He grew up on a dairy farm near Sandwich. He received a B.S. in agriculture from the University of Illinois in 1948 (following service in the military during World War II), and a Ph.D. in botany (majors in genetics and biochemistry) from Washington University (St. Louis) in 1951. Pioneer Hi-Bred International, Inc employed him from 1951 to 1990. He held positions, successively, of Geneticist/Corn Breeder, Coordinator of Corn Breeding, Director of Corn Breeding, Director of Plant Breeding, Vice-president/Research, and Senior Vice-president/Research. In 1990 he joined the Agronomy faculty at Iowa State as an affiliate professor of plant breeding.

As Senior Vice-president/Research for Pioneer he was responsible for research operations employing 1000 people (approximately 250 scientists) dealing with nine field crops as well as bacteria used for agricultural benefit. The research programs were conducted in 85 locations distributed among 25 countries. Products (e.g., crop varieties and bacterial products) of these research groups were widely acknowledged as industry leaders in performance and sales, nationally and internationally. Notable accomplishments of the research groups include development of U.S. and European maize hybrids with outstanding records for yield and standability, innovations in application of computer technology to field plant breeding, and international leadership in application of restriction fragment length polymorphism technology to plant breeding.

Dr. Duvick's research laid the foundation for plant breeding. In the cytology and biochemistry of the developing maize endosperm in the late 1940s he established the cytological site of zein storage in the maize endosperm. His research in genetics of cytoplasmic male sterility in maize, in the 1950s and 1960s, resulted in publications on the genetics of fertility restoration, on the effects of environment on expression of cytoplasmically-mediated sterility and fertility, and on other phenotypic changes associated with cytoplasm that induce male sterility. His description and analysis of evolutionary changes in maize hybrid performance since the advent of hybrid maize has been a research emphasis

since the 1970s. Plant germplasm resources and their utilization in plant breeding were the focus of Duvick's activities in lecturing, publication and service on boards and committees, starting in the 1970s, and increasingly so after his retirement from Pioneer Hi-Bred.

Dr. Duvick provided public service to agronomy and other fields of biology through many years of service on committees, boards and as an officer of societies concerned with agronomy and other fields of biology. He was a member of the American Society of Agronomy, the Crop Science Society of America, the Iowa Academy of Science, the American Association for Advancement of Science, the New York Academy of Science, the Council for Agricultural Science and Technology, and the National Academy of Sciences.

He served on numerous committees of the American Society of Agronomy (ASA), the Crop Science Society of America (CSSA), the American Seed Trade Association (ASTA), the National Council of Commercial Plant Breeders (NCCPB), the Council for Agricultural Science and Technology (CAST), and the American Registry of Certified Professional Agronomists, Crop Scientists, and Soil Scientists (ARCPACS). He served on advisory boards for the U.S. Congress's Office of Technology Assessment, and the National Academy of Sciences' National Research Council.

Dr. Duvick won the Industrial Agronomy Award and the Agronomic Service Award from the American Society of Agronomy. He received the DEKALB Crop Science Distinguished Career Award and the Genetics and Plant Breeding Award for Industry from the Crop Science Society of America. He received the Distinguished Service Award from the Iowa Chapter of the Nature Conservancy.

## Memorial Resolution



**WILLIAM CHARLES MERRILL**

William Merrill, Professor Emeritus of Economics, died from pancreatic cancer on September 3, 2006. Known to family, friends and colleagues as “Bill,” he was a teacher, research scholar, development expert, and photography and amateur radio enthusiast through his long and varied professional career.

William Charles Merrill was born March 2, 1934, in Webster City, Iowa. He grew up there attending public schools and Webster City Junior College. He served in the U.S. Army for two years during the Korean War. He married Mavis Schnurr on December 20, 1958. He is survived by his wife Mavis, two daughters Jeannette and Allison, and two grandchildren.

Bill completed a bachelor of science degree in agricultural business at Iowa State University in 1957. He then earned a master’s degree in statistics (1963) and a Ph.D. degree in economics (1964) from the University of California, Berkeley.

Dr. Merrill was appointed Assistant Professor of Economics at Iowa State University in 1964. He was promoted to Associate Professor in 1967 and Professor of Economics in 1970. He was a faculty member in the Department of Economics for 36 years, retiring from the university in 1999.

Bill began his career teaching and doing research in industrial organization and microeconomics. He published a textbook in economic statistics jointly with Karl Fox. In 1965 and 1966, he took his interests to Peru where he worked as an economic advisor to the National Food Corporation and Ministry of Agriculture as a member of an Iowa State University advisory mission funded by the U. S. Agency for International Development (USAID). After returning to the campus in 1966, he engaged in a broad range of research and advisory activities in developing countries including Peru, Guatemala, Panama, the Philippines and Uruguay, as well as working as a consultant to USAID, the Inter-



American Development Bank, the Ford Foundation, the World Bank and private consulting companies.

Following this period of work on international development, Dr Merrill was named by Iowa State University to work in the Washington Bureau of USAID. During this four-year assignment, he developed techniques and assisted USAID missions around the world with policy analysis, capacity building, and project design and evaluation. In the last two years of this period, he served as Chief of the Economics and Sector Analysis Division of USAID's central bureau.

Returning to the campus in 1978, Bill continued his work in international development and participated in Iowa State University projects in Indonesia, Peru and Zambia. He contributed to assessments and project design activities in Malawi, Kenya, and other countries. He taught microeconomics and introduced numerous students to the subject in large lecture sections of principles of economics.

Bill was an early adopter of micro computers and recognized their potential for use in businesses and households. In 1978, he and his wife established Beacon Electronics to sell computers and other electronics. The store was renamed Beacon MicroCenter and expanded to stores in Des Moines and Mason City. The Merrills operated the successful business for 24 years, selling it in 2003 four years after Bill retired from the university.

Bill was known for his good humor, sound judgment and recreational interests. He was widely admired for his analytical capabilities, his understanding of public policies affecting firm and market performance, and his ability to work effectively in complex institutional, cultural and political environments.

William Merrill was buried in Graceland Cemetery in Webster City, Iowa. Memorial contributions can be made to the Amanda the Panda Family Grief Center in Des Moines and the Israel Family Hospice House in Ames.



Deborah Muenchrath, assistant professor of agronomy at Iowa State University, died on July 10, 2006, after a courageous struggle with ALS (Lou Gehrig's Disease). She was 50 years old.

She received her B.S. in agronomy and Ph.D. in plant physiology at Iowa State, and her M.S. in plant breeding at the University of Minnesota.

Muenchrath joined the Department in 1997. She considered teaching her passion, and her expertise in the area was widely recognized including an ISU Foundation Early Achievement in Teaching Award and a Wakonse Teaching Fellow. A gifted teacher, Deb was instrumental in creating the MS in Agronomy distance education degree program at Iowa State, designing Internet courses in crop science to actively engage students and enhance their professional skills.

In addition to her teaching courses in the MS in Agronomy program, her undergraduate courses expanded student understanding of international perspectives. With colleagues she developed and taught World Agronomic Systems (Agron 446) and the Global Seminar: Environment and Sustainable Food Systems (Agron 497x).

Teaching, learning, and interacting with students gave Deb much joy and satisfaction. Her excellence in teaching was well known and recognized by the ISU Foundation Early Achievement in Teaching Award.

Her research encompassed maize diversity, ecophysiology, and adaptations to abiotic stress,

emphasizing maize native to the American Southwest. To develop an integrated understanding of these time-tested cultivars and agroecosystems, she collaborated with anthropologists, ecologists, geneticists, soil scientists, and Native American groups.

Deb was an advocate for women in science and academia by serving on the University Committee on Women, co-authoring an influential report on the status of women in the College of Agriculture; and participating in events and projects to promote interest in science by youth, especially girls.

Deb was devoted to her family, with whom she shared many adventures. She enjoyed the outdoors, especially walking in local woodlands and prairies, mountain backpacking, working in cornfields, and exploring diverse environments and cultures. She loved being with her young granddaughter Nicole.



### **Memorial Resolution for Professor Joel Snow**

Joel Snow, who was a Professor in the department of Electrical and Computer Engineering, passed away on May 28 of this year.

Professor Snow came to Iowa State in 1993. He initially served as Director of the Institute of Physical Research and Technology, from 1993 to 1998. Later, he became Executive Associate Director of the International Institute of Theoretical and Applied Physics ( IITAP) at Iowa State, and also joined the Electrical and Computer Engineering Department that same year. As Director of IPRT, he administered 11 research centers with a combined staff of 1100 full and part time employees. He played a major role in raising the funds for building a replica of the original Atanasoff-Berry computer on Iowa State campus. He also played a major role in the development of UNESCO supported IITAP and in setting up of the FAA supported Airworthiness Assurance Center of Excellence (AACE) at Iowa State, a major center for testing the integrity of airplanes, and in setting up of the Center for Sustainable Energy Technology, which has now become a major center for research on biofuels. In the Electrical Engineering department, he taught several courses on the relationship of engineering to society and on professional ethics in engineering and participated in mentoring senior design projects.

Prior to his service at Iowa State, he had served as Director of Science and Technology Affairs at US DOE , and had also served in the Science and Technology Office of the President of the United States and at National Science Foundation.

Professor Snow received his B.S. degree in Physics from the University of North Carolina and a Ph.D. in Physics at the Washington University in St. Louis. He served in the U.S. Navy as Lieutenant. He was a Fellow of the American Physical Society and of the American Association for the Advancement of Science. He was member of both Phi Beta Kappa and Sigma Xi. He was the author of numerous articles and talks dealing with science and public policy.

The faculty of the Electrical and Computer Engineering department observed a moment of silence in memory of Professor Snow on December 8, 2006.



**W. Wayne Weber, Ph.D.**  
**August 31, 1920 – October 22, 2006**

Dr. W. Wayne Weber, Emeritus Associate Professor of Industrial Education and Technology, passed away on October 22, 2006 at the age of 86.

Dr. Weber received a certificate from the Armed Forces Institute in Electrical Engineering in 1944; and his B.S., M.S., and Ph.D. from Iowa State University in Industrial Education in 1968, 1970 and 1978 respectively. He spent 20 years as an engineer, technical writer, instructor in national technical services schools, and field research. He began his appointment in Industrial Education in 1970 as an Instructor; in 1978 he continued as an Assistant Professor and was promoted to the rank of Associate Professor in 1980. He served as the interim chair of the Department of Industrial Education and Technology from February- August, 1983. He retired from service to the department on August 31, 1985.

Dr. Weber's extensive electronics experience in the armed services and industry made his classes stimulating, creative and challenging for his students. He served as the coordinator of the energy and power section of the department. He developed curriculum materials and laboratory exercises for electronics and fluid power classes. He pioneered in the area of research and development in the application for robots. Dr. Weber devoted considerable time and energy to the design and testing of a multi-microphone matrix sound level monitoring system which would automatically record sound levels for computer processing and generating isograms. Dr. Weber was awarded the Phi Delta Kappa Meritorious Doctoral Dissertation Award in 1979 for this outstanding doctoral research.

Dr. Weber's colleagues shared some of the following comments in a nomination for a teaching award:

“Dr. Weber has a unique gift of humor which allows students a chance to relax while the difficult electrical concepts and phenomena are being presented.” -Larry Bradshaw

“The technical knowledge and skill that Wayne possesses is legendary. Perhaps more important is his ability to share this knowledge and skill with the students in his classes.

His ability to secure the attention of groups through the use of humor and maintain this attention by sharing knowledge and experience is the envy of his colleagues.” -John C. Dugger

“Dr. Weber’s most outstanding quality is his deep conviction to and sincere caring for his students. He is concerned that each of his students achieve to the best of his/her ability in school and in life. Dr. Weber spends many hours outside the classroom working with groups of students in various club activities and also with individual students should the need arise.” -William D. Paige

“Here at Iowa State, Wayne has been a constant champion of excellence, setting high, but attainable, goals for his students in electricity and fluid power. Mixing his “Mark Twain” humor with an exceedingly deep technical preparation and practical experience, he motivates students and prepares them for responsibilities in teaching and in industry as no other person on our staff has done in the sixteen years I have been here.” –Gerald A. Parks

Dr. Weber had many interests and hobbies and particularly enjoyed music. He played the pipe organ and piano, developing his own natural talent to hear music and then playing his own version “by ear.” He also played original tunes. He was a member of the NC Harmony Masonic Lodge and the Sioux City Consistory for more than 60 years.

Dr. Weber is survived by his wife of 60 years, Verna Weber, of Ames, IA; two daughters, Peggy Weber and her husband, John Carella, of Mountain View, CA, and Jeanne Weber, of Eagle, ID; and one grandson, Jonathan Covault of Norwalk, CT.