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## In Memoriam: Edward Bartow; James Russell Jenness; Colonel Jack J. Hinman, Jr.

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## IN MEMORIAM

EDWARD BARTOW

1870-1958

On Saturday afternoon of April 12, 1958, Professor-Emeritus Edward Bartow died quietly at his home in Iowa City at the age of 88. He served the University as Head of the Department of Chemistry and Chemical Engineering from 1920 to 1940 and was responsible for getting the Chemistry Building built in 1923. During his administration good curricula for training chemists and chemical engineers were developed and many graduate students were trained in the field of water chemistry. Dr. Bartow and his students published over 200 papers on all phases of water treatment. After retirement he taught the course in water chemistry and came to his office daily to carry on correspondence with chemists in his field of specialization; a practice which he continued until only a few days before his death.



Edward Bartow

Edward Bartow was born in Glenham, New York, on January 12, 1870, attended a preparatory academy at Fishkill, New York and graduated from Williams College, Williamstown, Massachusetts in 1892. His doctorate was obtained from the University of Göttingen, Germany in 1895. Upon his return to the United States, he married Miss Alice Abbott on September 3, 1895, and started his academic career as an instructor at Williams College. He taught at the University of Kansas from 1897 to 1905, and then moved to the University of Illinois where he was Professor of Sanitary Chemistry and Director of the Illinois Water Survey, 1905 to 1920.

Edward Bartow served in the American Expeditionary Forces in France, 1917-18, first as a major and then lieutenant colonel. He directed the work of 80 officers and many privates in the difficult task of providing good drinking water and proper sanitation for the armed services. His work was recognized by the French Government with the award of the *Medaille d'Honneur*.

Professor Bartow was a member of Phi Beta Kappa, Sigma Xi, and many scientific societies. He served as President of the Kansas Academy of Science in 1904 and thirty years later, as President of the Iowa Academy of Science. In 1922, he was President of the American Water Works Association, of which he was a life long member. He was a member of the American Institute of

Chemical Engineers and a Director of that organization 1923-25 and again 1936-1939. From 1934 to 1938 he was a vice-president of the International Chemical Union as the representative of the United States. In 1936 he was elected to the Presidency of the American Chemical Society, the highest office and honor his chemistry contemporaries could bestow. He attended many meetings of the International Congresses of Chemistry, representing the United States and the American Chemical Society.

In Iowa City, Edward Bartow was a member of the Congregational Church and a loyal Rotarian. His chief hobby was stamp collecting and first day covers. He was a member of the American Philatelic Society, the Society of Philatelic Americans and the Trans-Mississippi Stamp Society.

Edward Bartow will be remembered as a pioneer scientist in the chemistry of water purification and the treatment of wastes to avoid pollution of streams. His friends, locally, nationally and internationally remember him as the tall smiling gentleman with his hand always outstretched in friendship.

RALPH L. SHRINER

## JAMES RUSSELL JENNESS

1880-1957

Dr. James Russell Jenness, professor emeritus of physics at Parsons College, Fairfield, Iowa, died August 1, 1957. Dr. Jenness had many friends in the

Academy and was well known for his teaching at Georgia Institute of Technology, Atlanta, Georgia; Southern Methodist University, Dallas, Texas; Kansas State College, Manhattan, Kansas; College of the Ozarks, Clarksville, Missouri; and Parsons College, Fairfield, Iowa.

He was born on March 14, 1880, at Cherry Point, Illinois. In 1906 he graduated from Denison University, Granville, Ohio. His graduate work in physics was begun at the University of Chicago and continued at Cornell University, Ithaca, New York, where he received his M.A., and his Ph.D. in 1928.

Dr. Jenness married Gertrude M. Denison of Red Wing, Minnesota in 1916. Mrs. Jenness; a son, James R. Jenness, Jr., now a research physicist with the Haller, Raymond and Brown Company at State College, Pennsylvania; and two grandchildren survive.



James Russell Jenness

Dr. Jenness became head of the department of physics at Parsons College in 1940 and continued until his retirement in 1952. In 1953 he suffered a stroke

from which by determined effort he partially recovered. He maintained his interest in science until his death. He was a member of the Iowa Academy, the American Association of University and College Professors, the American Association for the Advancement of Science, American Association of Physics Teachers; and the Phi Kappa Phi and Chi Beta Phi honorary fraternities. His name was also listed in the American Men of Science, and Who's Who in Science.

PAUL B. SELZ

## COLONEL JACK J. HINMAN, JR.

1888-1956

Colonel Jack J. Hinman, Jr. was born October 14, 1888, in Indianapolis, Indiana, and died quietly in his sleep July 20, 1956, at Orleans, France.



Col. Jack J. Hinman, Jr.

Colonel Hinman received his A.B. degree in 1911 from Butler College and his M.S. from the same institution in 1915. He earned two degrees from the State University of Iowa; a B.S. in Engineering in 1937 and a degree in Civil Engineering in 1938. Colonel Hinman never satisfied his thirst for knowledge and completed unrequired courses at The State University of Iowa and other American schools. While with the American Expeditionary Forces during World War I he took a number of courses at the University of Rennes, France.

In 1914 Colonel Hinman was appointed Assistant Director of the State epidemiological laboratory at the State University of Iowa, leaving in 1918 to enter the Army as a first lieutenant with the Chemical Warfare Department. He returned to Iowa City in 1919 as assistant professor of epidemiology and chief

of the water laboratory division of the State Hygienic Laboratory. In 1921 he was appointed associate professor of sanitation and taught related courses in the College of Engineering.

During World War II Colonel Hinman served first with the Chemical Warfare Department and later with the Corps of Engineers. Most of this service was in the Pacific theater. He attained the rank of lieutenant colonel in 1934 as a member of the Army reserve. Following the war he was a member of the Iowa National Guard. In 1948 he retired from military service with the rank of Colonel and many military decorations.

Colonel Hinman became a member of the Iowa Academy of Science in 1915 and belonged to more than twenty additional scientific societies. He served as president of a number of these, was an officer in many others and a charter member of at least one (Inter-American Society of Sanitary Engineers). Colonel Hinman was the author of more than 120 scientific papers.

Upon his "retirement" in 1948, Colonel Hinman entered a new phase of his career by becoming a full-time consulting engineer. In addition to his American assignments, his work in this connection took him to Puerto Rico and a number of South American countries. In each position he served with distinction, solving or alleviating many troublesome or dangerous problems in connection with water sanitation. He was the recipient of many commendations and a number of professional awards for outstanding service.

He is survived by his widow, Charolotte; one daughter, Mrs. Frances Dykstra; one son, Commodore Jack J. Hinman III and his mother-in-law, Mrs. T. O. Loveland. One son, Theodore, preceded him in death.

Funeral services were held in Orleans, France, and his ashes were buried with military honors in Arlington National Cemetery.

H. L. DEAN