

# Montana Professional Engineers Hall of Fame

## **Theodore T. "Ted" Williams, P.E.**

Montana Professional License Number 861PE

- \* United States Army Air Corp, 1944-1946 – Active duty in Mississippi and Germany.
- \* Colorado State University - B.S. Degree, Civil Engineering, 1949  
Colorado State University - M.S. Degree, Irrigation Engineering, 1956
- \* Assistant Civil Engineer for Fort Lyon Canal Company in Arkansas Valley, Colorado, 1949-1954.
- \* Hired by Eldon Dodge as Instructor of Civil Engineering at Montana State University in Bozeman, 1956.
- \* Served Montana State University from 1956-2002. Assistant Professor and Professor teaching courses in water resources, engineering mechanics, and fluid mechanics. Head of the Department of Civil Engineering and Engineering Mechanics, 1975-1976 and 1978-1983; Interim Vice President for Research, 1977-1978; Associate Dean of Engineering, 1983-1990; Professor Emeritus, 1990; Post-retirement part-time, 1990-2002.
- \* Founding adviser of the MSU student chapter of Chi Epsilon, the civil engineering honor society, 1971; Member of Supreme Council, 1988-2000; National President, 1996-2000.
- \* Presented with the American Society for Engineering Education (ASEE) Pacific Northwest Western Electric Teaching Award, 1974.
- \* Administered EPA grant to study impact of coal strip mining on water quality in Montana, Wyoming, and North Dakota, 1977-1980.
- \* Associate director of the Montana Water Resources Center, 1973-1974. Original funding for the national system of 54 Water Resource Centers was sponsored by Montana Senator Mike Mansfield (Majority Leader, 1961-1977). Dr. Roland Renne (MSU President, 1943-1964) was the first federal administrator of the program.
- \* First director of the Institute of Applied Research (IAR), 1974-1975.
- \* Teamed with electrical engineering Professor Don Weaver to automate a communications system to monitor water runoff. Original system was installed at Bridger Bowl. Similar systems were installed in the Hyalite and Sourdough drainages near Bozeman and the Big Sky Ski Resort.
- \* Winner of the Montana State University Blue and Gold Award, 1990.
- \* Fellow, American Society of Civil Engineers (ASCE); Member, National Society of Professional Engineers (NSPE) and Montana Society of Engineers (MSE).
- \* Active leader, Boy Scouts of America, Masonic fraternity, Rotary International, and the Presbyterian Church.

Inducted November 6, 2013

Presented by the Montana Society of Engineers  
A state society of the National Society of Professional Engineers

