

Montana Professional Engineers Hall of Fame

Daniel M. McCauley, P.E.

Montana Professional License Number 6142PE

- * Montana State University, Bozeman, Montana – B.S. with Honors, Civil Engineering, 1980. Member; Tau Beta Pi and Chi Epsilon
- * Civil and Structural Engineer, 1977-Present. Founder of Great West Engineering, President, 2005-Present; Entranco, Inc., Vice President and Helena Branch Manager, 1999-2005; Damschen & Associates, Inc., Vice President, 1984-1999; Robert Peccia & Associates, Civil/Structural Engineer, 1981-1984; Montana Department of Transportation, Survey and Inspection Crews during Summers, 1977-1981.
- * Project proposal, design, management, and funding for a great variety of civil and structural engineering projects: Water systems, Wastewater systems, Street Drainage systems, Roads, Bridges (more than 100 for State, County, Forest Service, and Private), Culverts, Rest Areas, Pedestrian Walkways, Parking Lots, Solid Waste Disposal, and Transfer Stations.
- * Grant writer and planner helping small Montana governments secure multiple grants and loans. Grant/Loan providers included Department of Environmental Quality (DEQ), Rural Development (RD), Department of Natural Resources and Conservation (DNRC), Treasure State Endowment Program (TSEP), State Revolving Fund (SRF), Community Development Block Grant (CDBG), Economic Development Administration, and Environmental Protection Agency (EPA).
- * Worked with a great variety of Montana cities, towns, and counties to implement public works improvement projects including: the counties of Madison, Stillwater, Sweet Grass, Lewis & Clark, Powell, Toole, Dawson, Hill, Granite, Glacier, Valley, Roosevelt, Fergus, Mussellshell, Jefferson, and Mineral and the communities of Big Timber, Harrison, Chinook, Box Elder, Townsend, Twin Bridges, Chester, Glendive, Cut Bank, East Helena, Ennis, Fort Benton, Dillon, Helena, Whitehall, Big Sandy, Sheridan, Malta, Canyon Ferry, Clyde Park, Opheim, Jackson, Virginia City, Basin, Havre, Alder, Belt, Boulder, Butte, Cascade, Choteau, Hingham, Roundup, Sunburst, and Wilsall.
- * Member of Montana Board of Professional Engineers and Land Surveyors (1997-2005). Youngest person to serve as MT PELS Board Chairman (1999-2000). Served on Continuing Education Committee (Chair); Fire Protection Committee (Chair); Geomatics Advisory Committee (Chair); and Joint PELS/Architects Committee. Instrumental in creating the Montana Continuing Education requirement for renewal of Professional Engineering License. This requirement strengthened the annual Joint Engineers Conference which is attended each November by over 400 practicing engineers, presenters, and vendors.
- * Member of Montana Society of Engineers (BOD 1989-1994; President 1993; State Mathcounts Coordinator 1992-1993); National Society of Professional Engineers (NSPE); Past Governor of Montana Professional Engineers in Private Practice; Helena Chapter of Engineers (President 1986-1989); Helena Chapter of NSPE Outstanding Engineer Award (1985); Order of the Engineer; American Society of Civil Engineers (ASCE); American Consulting Engineers Council (ACEC); Association of Conservation Engineers (ACE).
- * Recipient of Montana State University College of Engineering Alumni Achievement Award (2017).
- * Active member of Montana State University College of Engineering Advisory Committee (2016-Present) and Montana State University Civil Engineering Department Advisory Committee (2000-2002).

Inducted November 1, 2017

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

