

JOHN DAVIES

EDUCATION

UNIVERSITY OF ALASKA, Fairbanks, Alaska

Ph.D., Geophysics, Seismological Investigations of Plate Tectonics in Southcentral Alaska, 1975

M.S., Geophysics, Crustal Morphology of Central Alaska, 1970

REED COLLEGE, Portland, Oregon

B.A., Physics, Angular Momentum in Visual Binary Star Systems, 1967

PROFESSIONAL EXPERIENCE

COLD CLIMATE HOUSING RESEARCH CENTER, Fairbanks, Alaska, 2009-present.

Senior Researcher – Public Policy

- Carry out research on public policy related to energy efficient building techniques for cold climates.
- Responsible for revising and advancing the Building Energy Efficiency Standard for the State of Alaska.

COLD CLIMATE HOUSING RESEARCH CENTER, Fairbanks, Alaska, 2003-2009.

Research Director

- Supervise and direct research on energy efficient building techniques for cold climates.
- Responsible for revising the Building Energy Efficiency Standard for the State of Alaska.
- Provide broad administrative and budgetary support for CCHRC.

ALASKA STATE HOUSE OF REPRESENTATIVES, Fairbanks/Juneau, Alaska, 1993-2003.

Representative for District 29, University District

- Responsible for securing significant funding for the International Arctic Research Center (IARC), the Natural Sciences Building, and the UAF Lena Point Fisheries Facility in Juneau.
- Served on the Finance, Resources, Legislative Budget and Audit Committees, and for 10 years on the University Budget Subcommittee.
- Appointed to budget conference committees; helped to negotiate the key end-of-session budget.
- Instrumental in keeping the State Virology Lab in Fairbanks.
- Wrote legislation to establish the Alaska Seismic Hazards Safety Commission.
- Selected Outstanding Freshman Legislator, *Alaska Journal of Commerce*, 1993.
- Friend of Education Award, Fairbanks Education Association, 2000.

FAIRBANKS NORTH STAR BOROUGH ASSEMBLY, Fairbanks, Alaska, 2011-present.

Assembly Member, Deputy Presiding Officer, 2014-present

- Co-chair, Finance Committee, 2013
- Legislative liaison to Alaska Legislature and Alaska Congressional Delegation, 2013-present
- Wrote ordinance funding expansion of recycling at transfer stations.
- Established energy efficiency position for the FNSB
- Member, IGU Conversion Committee

FAIRBANKS NORTH STAR BOROUGH ASSEMBLY, Fairbanks, Alaska, 1989-1992.

Assembly Member, Deputy Presiding Officer, 1991-1992

- Co-chair, Solid Waste Recycling Committee & Finance Committee.
- Wrote the ordinance establishing the Chena Riverfront Commission.
- Significant responsibility for passage of initiative funding the transfer stations.

GEOPHYSICAL INSTITUTE, UNIVERSITY OF ALASKA, Fairbanks, Alaska, 1986-1992.

State Seismologist/Research Associate

- Helped create the Alaska Volcano Observatory, a joint operation with the U.S. Geological Survey and the Alaska Division of Geological and Geophysical Surveys.
- Developed the seismic zone map for the Uniform Building Code for the State of Alaska.
- Secured funding for and managed operation of the State seismic network, including hiring of field crew, data analysts, and technical maintenance personnel

PROFESSIONAL EXPERIENCE (CONT.)

DEPARTMENT OF NATURAL RESOURCES, STATE OF ALASKA, Fairbanks, Alaska 1981-1986.

State Seismologist/Geophysicist, Division of Geological and Geophysical Surveys

- Led the formation of the Alaska Earthquake Information and Data Center, a joint operation with the U.S. Geological Survey.
- Designed and helped install a large portion of the seismic network for Alaska.
- Recipient Best Paper award, with C.H. Estabrook, and D.B. Stone, Pacific Coast Society of Exploration Geophysicists, 1985.

LAMONT-DOHERTY GEOLOGICAL OBSERVATORY, COLUMBIA UNIV., New York, 1974-1981.

Research Associate in Seismology

- Worked on Alaska problems, including designing and installing a seismic network at Shumagin Islands seismic gap, another in the vicinity of Dutch Harbor, and a volcano monitoring network for Pavlov Volcano, near Cold Bay, Alaska.

GEOPHYSICAL INSTITUTE, UNIVERSITY OF ALASKA, Fairbanks, Alaska, 1968-1974.

Senior Research Assistant, Research Assistant

PHYSICS DEPARTMENT, UNIVERSITY OF ALASKA, Fairbanks, Alaska, 1967-1968.

Teaching Assistant

UNIVERSITY, COMMUNITY & PROFESSIONAL SERVICE

Chair, Chancellor's Task Force on Alumni Relations Transition, 2014

President of the Board, University of Alaska Fairbanks Alumni Association, 2004-2007.

Vice-Chancellor for Advancement and Community Engagement's Advisory Committee, 2007- 2009.

University of Alaska Fairbanks Vision Task Force, 2007-2008.

University of Alaska Fairbanks Board of Visitors, 2006-present.

Founding Member, Interior Issues Council, Energy Task Force. 2006.

Founding Member, U.S. Green Building Council--Alaska Chapter, 2003.

Founding Member, GVEA Green Power Advisory Committee. 2003-present.

National Earthquake Hazards Reduction Panel & National Earthquake Prediction Evaluation Council.

President, American Association for the Advancement of Science--Arctic Division, 1984-1985.

Conference Chairman, Arctic Science Conference, Anchorage, Alaska, October 1984.

Graduate Student Representative, University of Alaska Assembly, 1969-1970.

Resident Advisor, Skarland Hall, University of Alaska, 1968-1969