

September 12-13, 2018

ITEM 180-2004-R0918**Request for authorization to confer the title of Professor Emeritus of Civil Engineering upon Dr. Edward (Ed) Adams, Montana State University**

THAT

Upon the occasion of the retirement of Dr. Ed Adams from the Civil Engineering Department in the College of Engineering at Montana State University, the Board of Regents wishes to express its appreciation for his service to the University, the Montana University System, and the people of the State of Montana.

EXPLANATION

Dr. Ed Adams received a BA degree in English from Mount St. Mary's College, followed by a BS degree in Earth Science, a MS degree in Engineering Mechanics, and PhD in Mechanical Engineering, all from Montana State University. Dr. Adams subsequently joined the faculty of the Civil Engineering Department at MSU as an assistant professor in 1992. He was promoted to associate and full professor in 1998 and 2004, respectively. Dr. Adams retired at the end of Spring Semester 2018, after 26 years on MSU's faculty.

Snow and ice mechanics has been the principal focus of Dr. Adams efforts throughout his professional career. In his time at MSU, he variously was principal investigator, co-principal investigator and collaborator on over 35 sponsored research projects funded by a variety of organizations including the National Science Foundation and the U.S. Department of Defense. He co-authored over 70 presentations and over 70 publications. His work led him around the world, from Antarctica, to India, to Switzerland, to Russia, to Japan. Dr. Adams is a well-liked and highly respected figure in the cold regions science community, being recognized as one of the foremost international experts in snow/ice mechanics that has made substantial contributions to research in it. He enjoyed any opportunity to engage in discussion about snow and ice, from providing training to ski patrollers, to delivering technical presentations at international conferences, to appearing on ABC World News Tonight.

Primarily as a result of Dr. Adams' efforts, MSU continues to be recognized internationally for its expertise in snow, ice, and avalanche mechanics. Dr. Adams was instrumental in securing funding to construct at MSU one of the premier cold regions research facilities in the world, consisting of eight cold chambers equipped with state-of-the-art research tools. This university resource has been used by 95 investigators on various multi- and inter-disciplinary research projects since its completion a decade ago. Dr. Adams has also worked closely with faculty across MSU to further build MSU's expertise and prominence in this field.

Dr. Adams was equally committed to our students, both at the undergraduate and graduate level. Notably, he taught some of the most demanding material in engineering curriculums – engineering mechanics. Whether he was doing so in fundamental sophomore courses or highly advanced graduate classes, students consistently praised Dr. Adams' knowledge of the material and concern for their success.

For these and other contributions, the Board of Regents is pleased to confer the rank of Professor Emeritus of Civil Engineering on Dr. Adams and wishes him well for many years into the future.

ATTACHMENTS

None