

Kenneth Golden named 2011 Neal Thorpe Memorial Lecturer for Murdock College Science Research Program Annual Conference

Kenneth M. Golden is a Professor of Mathematics and Adjunct Professor of Bioengineering at the University of Utah. His scientific interests lie in sea ice, climate change, composite materials, phase transitions, and inverse problems. He has published 54 papers in mathematics,



physics, geophysics, electrical engineering, mechanical engineering, and biomechanics journals, and given over 300 invited lectures on six continents, including three presentations in the US Congress. Dr. Golden has journeyed six times to Antarctica and seven times to the Arctic to study sea ice. In high school he became fascinated by the polar regions, studying satellite images of sea ice at NASA/Goddard Space Flight Center. As an undergraduate he worked at the US Army Cold Regions Research and Engineering Laboratory on radar

propagation in sea ice, while completing degrees in Mathematics and Physics at Dartmouth College. Dr. Golden received his Ph.D. in Mathematics at the Courant Institute of NYU in 1984. Prior to moving to Utah in 1991, he was an Assistant Professor of Mathematics at Princeton University, and a National Science Foundation Postdoctoral Fellow at Rutgers University in mathematical physics. Professor Golden has received teaching awards from Princeton and the University of Utah. In March of 2011 he was selected as a Fellow of the Society for Industrial and Applied Mathematics, for "extraordinary interdisciplinary work on the mathematics of sea ice." His research and polar expeditions have been covered in over 30 newspaper, magazine, and web articles, including a profile in *Science* in April 2009 and features in *Science News* in 2000 and 2010. He has also been interviewed numerous times on radio and television.