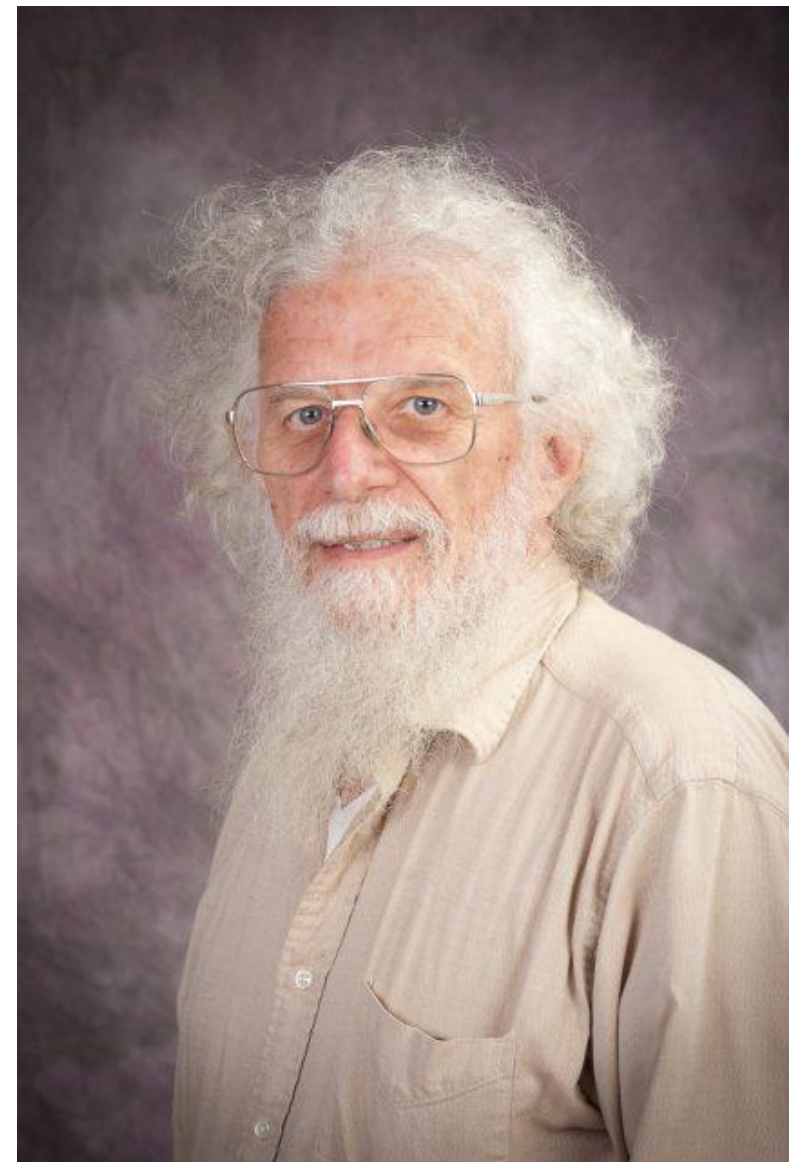


# GIREP medal 2019 to Dean Zollman

for significant and durable  
contributions at all levels to  
the physics education  
community



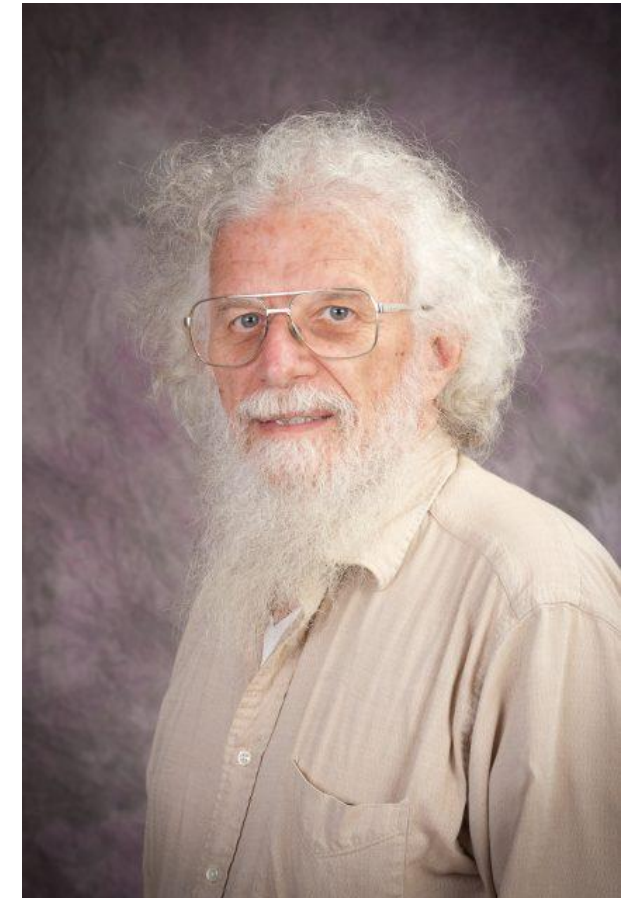
Dean Zollman is University Distinguished Professor Emeritus of Physics and Director of the Center for Research and Innovation in STEM Education (CeRISE) at Kansas State University. From 2001 to 2011 he was the William & Joan Porter University Distinguished Professor, and Head of the Physics Department. He also holds the title of Distinguished University Teaching Scholar Emeritus. He has focused his scholarly activities on research and development in physics education since 1972.



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# GIREP medal 2019 to Dean Zollman

- He has received four major awards – the National Science Foundation Director's Award for Distinguished Teacher Scholars (2004), the Carnegie Foundation for the Advancement of Teaching Doctoral University Professor of the Year (1996), and American Association of Physics Teachers' Robert A. Millikan Medal (1995) and Oersted Medal (2014).
- Dr. Zollman served on International Commission for Physics Education from 2002 to 2011. He has twice been a Fulbright Fellow in Germany, once each at Ludwig-Maximilian University in Munich (1989) and the Institute for Science Education at the University in Kiel (1998).



# GIREP medal 2019 to Dean Zollman

- Dr. Zollman is part of the Kansas State Universality Physics Education Research group (KSUPER) which was founded in 1972 and now has three faculty members. His present research concentrates on investigating the mental models and operations that students develop as they learn physics and how students transfer knowledge in the learning process. He also applies cutting edge technology to the teaching physics and to providing instructional and pedagogical materials to physics teachers, particularly those teachers whose background does not include a significant amount of physics.
- In addition to numerous papers in refereed journals, Dr. Zollman is co-author of six videodiscs for physics teaching, the Physics InfoMall database, a textbook and the Visual Quantum Mechanics and Modern Miracle Medical Machines projects.
- He was co-coordinator of PhysWare, a series of workshops to introduce active learning methods to university physics faculty in developing countries.

