

Biography for Andrew C. Klein  
October 2009

Andrew C. Klein is a Professor of Nuclear Engineering and Radiation Health Physics at Oregon State University (OSU), having served in this capacity since July 1996.

From March 2005 to September 2009 Dr. Klein was on loan from OSU to the Idaho National Laboratory (INL) as Director of Educational Partnerships, served as a member of the Leadership-Management Team at INL, and also held an appointment as a Visiting Professor at Massachusetts Institute of Technology.

From September 1985 to July 1990 he was Assistant Professor at Oregon State and Associate Professor from July 1990 to July 1996 at Oregon State, and was Visiting Assistant Professor of Nuclear Engineering at the University of Cincinnati from August 1983 through August 1985.

Professor Klein received his B.S. in Nuclear Engineering from Pennsylvania State University in 1977. He completed his M.S. in Nuclear Engineering and his Ph.D., also in Nuclear Engineering, from the University of Wisconsin, Madison in 1979 and 1983 respectively.

Dr. Klein served as Head of the Department of Nuclear Engineering and Radiation Health Physics at Oregon State University from July 1996 to March 2005. From October 2002 to March 2005 he also served as Director of the Oregon State University Radiation Center. From August 1993 through October 2002 he was Director of the Oregon Space Grant Program.

His research interests include nuclear energy policy, space nuclear systems design, transient analysis of nuclear power systems, radiation shielding, nuclear nonproliferation, safeguards and security, and fusion energy systems design. He has been an author on more than 80 technical publications.

Dr. Klein is registered as a Professional Engineer (Nuclear) in the State of Oregon and is a member of the American Nuclear Society, the Health Physics Society, and the American Society for Engineering Education. He is currently a member of the Board of Directors for the Foundation for Nuclear Studies and was a member of the Board of Directors of the American Nuclear Society from June 2000 to June 2003, the Board of Directors of the National Space Grant Alliance, Inc. from January 2001 through October 2002, and as a founding Regional Director of the Ultimate Players Association was co-author of the Association's original bylaws in 1979. He was a member of the U.S. Department of Energy's Nuclear Energy Research Advisory Committee from 2001 to 2005 and chaired subcommittees on world-class national laboratory definition, nuclear engineering education, and space reactor development. He was a member of the National Aeronautics and Space Administration's Space Science Advisory Committee from 2003 to 2006. He also served as a member of the Engineering Accreditation Commission for ABET, Inc. from 2005 to 2009 and the Board of Directors of the Idaho Falls Symphony Society, also from 2005 to 2009. Dr. Klein was a member of the Advisory Committee for *Nuclear Technology* from 1997 to 2009 and continues as an Advisory Editor for the *Annals of Nuclear Energy* since 1996.

In April 2006 Dr. Klein received the Outstanding Engineering Alumnus award from the Pennsylvania State University for his distinguished career and exemplary leadership abilities and in April 2004 he received the Distinguished Alumni Award from Wilson High School in West

Lawn, PA. In September 1998 he received the Loyd Carter Award from Oregon State University for outstanding and inspirational teaching.

Andy Klein began playing ultimate in 1975 while an undergraduate at Penn State and was a co-captain of the Easterns Champion Penn State Ultimate Frisbee Team in 1977. Upon moving to graduate school in the fall of 1977, he and his wife Tracy were founding members of Madison (WI) Ultimate, and Andy was captain from 1977 to 1980. In the fall of 1979, he and Tracy became founding members of the Ultimate Players Association and together with Tom Kennedy, the founding Director of the UPA, contributed to the development of the initial structure of the UPA at the 1980 East Coast Captains meeting and wrote the original bylaws for the operation of the UPA. Klein was the initial Midwest Regional Director of the UPA. He continued playing ultimate over the years in Hartford, CT in 1979, returning to Madison, WI, from 1980 to 1983, Cincinnati, OH from 1983 to 1985, Corvallis, OR from 1985 to 1994 and Cleveland, OH in the summers of 1986 to 1988. He continued playing ultimate in the Corvallis, OR Summer Ultimate League from 1999 to 2004.