

Curriculum Vitae

Patricia H. Kelley, University of North Carolina Wilmington

EDUCATION:

Patricia Kelley received her B.A. in geology from the College of Wooster (1975; Phi Beta Kappa) and her A.M. (1977) and Ph.D. (1979) in geology from Harvard University.

TEACHING EXPERIENCE:

Dr. Kelley joined the University of Mississippi in 1979 as the first and only woman on the School of Engineering faculty. Following two years as program director at the National Science Foundation, she served as department chair at University of North Dakota. She was hired as department chair at University of North Carolina Wilmington in 1997. She has directed 3 Ph.D. dissertations, 25 MS theses (+4 in progress), 4 senior theses and 27 REU projects.

AWARDS AND HONORS:

Dr. Kelley received two national awards from the Association for Women Geoscientists: the 2003 Outstanding Educator Award and the 2011 Professional Excellence Award. She was the University of Mississippi Outstanding Engineering Faculty awardee in 1990 and at UNCW has received the Chancellor's Teaching Excellence Award, 2012; *Discere Aude* Award, 2008, 2013; Distinguished Teaching Professorship Award, 2013; Board of Trustees Teaching Excellence Award, 2013; and the 2014 Board of Governors Award for Excellence in Teaching from the UNC System. In addition to receiving awards for outstanding research from UND and UNCW, she is a Fellow of the Geological Society of America, Paleontological Society, and American Association for the Advancement of Science. She has been funded almost continuously by NSF since 1986, including a Research Experiences for Undergraduates award (2008-2013).

SCHOLARSHIP OF TEACHING:

Dr. Kelley has edited five books and published 52 peer-reviewed articles, 39 non-peer reviewed articles, and 207 abstracts; she has co-authored papers or abstracts with 54 graduate students and 134 undergraduate students. In addition to 14 pedagogy-related abstracts at professional meetings, her publications related to teaching include:

- The Evolution-Creationism Controversy II: Perspectives on Science, Religion, and Geological Education* (242 p.), 1999.
- An Honors course on evolution and creationism: teaching experiences in the deep South* (in above volume), 1999.
- Studying evolution and keeping the faith*. *Geotimes*, 2000.
- Moonsnail Project: roles of technology and research in learning science*. Int. Conf. College Teaching & Learning, 2002.
- Moonsnail Project: a scientific collaboration with middle school teachers and students*. *J. Geosci. Education* 2003.
- Time saving through institutional collaboration*. *Council on Undergraduate Research Quarterly*, 2004.
- A College Honors Seminar on Evolution and Intelligent Design: Successes and Challenges*. *J. Effective Teaching*, 2009.
- Teaching Evolution in the Galapagos*. *J. Effective Teaching*, 2009.
- Teaching Evolution during the Week and Bible Study on Sunday: Perspectives on Science, Religion, and Intelligent Design*. In *For the Rock Record: Geologists On Intelligent Design Creationism*, 2009.
- Strategies for teaching evolution in a high-enrollment introductory paleontology course for non-science majors*. In *Teaching Paleontology in the 21st Century*, 2012.
- Learning paleontology through doing: Integrating an authentic research project into an invertebrate paleontology course*. In *Teaching Paleontology in the 21st Century*, 2012.
- Controversial topics in the classroom: (how) do we dare discuss them?* In *Best Practices in University Teaching*, 2014.

LEADERSHIP AND SERVICE:

In addition to extensive university service (90 different committees, including Director of UNCW's Evolution Learning Community), Dr. Kelley served as President of the Paleontological Society (2000-2002) and President of the Board of Trustees, Paleontological Research Institution (2004-2006). She has served on or chaired 66 committees for professional societies; organized and/or convened 20 symposia, short courses, and technical sessions for professional societies; and held technical/associate editor positions at *Journal of Paleontology* (11 years), *Geology* (3 years), and *Palaaios* (12 years). She has been a reviewer for 49 different journals, publishers, and granting agencies and served on nine NSF panels, one NSF visiting committee, and one NSF steering committee. She has been a Distinguished Lecturer for the National Association of Geoscience Teachers (2006-2009) and the Paleontological Society (1994-1996, 2006-present), offering public lectures on evolution and leading workshops on teaching evolution across the U.S.