

BIOGRAPHICAL SKETCH FOR PHILIP D. WADE

Professional Preparation

San Diego State University, San Diego, CA	Geological Science	BS, 1988
San Diego State University, San Diego, CA	Education	MA, 1991
California Single Subject Credential	Physical Science	1989
California Supplemental Credential	Mathematics	1989

Appointments

Lecturer	Western Oregon University, Monmouth, OR	1998-Present
	Teach Physical Science Methods and Earth and Space Science Methods for K8 grade pre-service teachers. Teach Earth Systems Courses and Honors Program Science Courses.	
Science Content Panel Member		2009-Present
	Oregon Department of Education, Salem OR	
Education Board Member		2000-2004; 2009-Present
	A.C. Gilbert Science Museum, Salem OR	
Education Consultant		1995-1999
	Department of Education Programs, Lawrence Livermore National Laboratory, CA	
Lecturer		1997
	Chemeketa Community College, Salem, OR	
Board Member Project VISTA		1995-1999
	Center for Research in Science and Mathematics, San Diego State University, San Diego	
Curriculum Developer		1991-1996
	Department of Geoscience, Oregon State University, Corvallis, OR	
Laboratory Coordinator		1992-1996
	Department of Geoscience, Oregon State University, Corvallis, OR.	

Publications: Related to Proposed Project

- Aas, Tanja and Wade, Philip (2009) Google Earth in the K-8 Classroom: Geological Society of America Abstracts with Programs, v. 41, No. 7, p. 318
- Lederman, N. G., Wade, P. D. and Bell, R. L. (1998) Assessing Understanding of the Nature of Science: A Historical Perspective. 1998 Association for the Education of Teachers in Science Special Monogram; The Nature of Science. Kluwer Academic Publishers, The Netherlands.
- Lederman, N. G., Wade, P. D. and Bell, R. L. (1998) Assessing the Nature of Science: What Is The Nature of Our Assessments? *Science & Education*, Kluwer Academic Publishers, The Netherlands (7) p. 595-615.

Wade, P. D. (1996) An Evaluation of the Science and Engineering Research Semester Internship Program. Lawrence Livermore National Lab; Educational Programs, Department of Energy. 69 pages.

Wade, P. D., Lawrence, R.D., and Morris, R. J. (1996) Investigating The Earth Kendall/Hunt Publishing Company, Dubuque, Iowa. 158 pages.

Wade, P. D. and Lederman, N. (1995) College Students' Conceptions of Science and Science Content. Proceedings of the Third International History, Philosophy, and Science Teaching Conference, p. 1271-1286.

Synergistic Activities

Undergraduate STEM Education Workshops - Leader:

- Wade, Philip, Schoenfeld, William, Schepige, Adele, Anderson, Deanie and Padman, Laurence. (2008) Is Earth Catching a Fever? Illustrating and Assessing the Data. (Workshop) National Science Teachers Association Annual Meeting, Portland OR
- Wade, P. D., McCormack, A. & Latz, M. (2002). Visual Earthquakes: Building Mountains One Earthquake at a Time. (Workshop). National Science Teachers Association 2002 annual meeting, San Diego, CA.
- Wade, P. D., Lederman, N. G., & Lederman-Sweeny, J. (2002). Viewing the Unviewable: The Nature of Science, Seismology and Earth's Interior. (Workshop) National Science Teachers Association 2002 annual meeting, San Diego, CA.
- Wade, P. D., McCormack, A. & Peterson, R. (July, 1997). Visualization in the Earth Sciences (Workshop session on use of visualization in teaching and learning science). Pacific Division of the American Association for the Advancement of Science 1997 meeting, Oregon State University, Corvallis, OR.

Undergraduate STEM Education Workshops - Participant:

- August 2-5, 2003, *Digital Library for Earth System Education 4th Annual Meeting*: University of Colorado, Boulder, CO.
- Fall, 1996 AGU Meeting, Innovative & Effective Teaching in the Geosciences (Workshop): San Francisco, CA.
- October 24-25, 1994, Geologic Society of America Annual Meeting: Teaching Introductory Earth Systems for Non-Science Majors: An Interactive Approach (Workshop). Seattle, WA

Collaborators and Contacts;

Dr. Sherman Bloomer: Dean of Oregon State University College of Science, Corvallis OR

Dr. Alan McCormack: President (2010) of National Science Teachers Association, Washington, D.C.

Barry Goldman: Director of Education Programs, Lawrence Livermore National Laboratory, CA

Dr. Norman Lederman: Chair of Mathematics and Science Education, Illinois Institute of Technology