

HOLLY SCHAEFER HENEGBRY

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EDUCATION

- 2004 Ph.D., Education; University of Southern California, Los Angeles, CA.
1995 M.A., Education (Curriculum); California State University Dominguez Hills,
Carson, CA.
1992 Professional Clear Multiple Subject Teaching Credential; California State
University Dominguez Hills, Carson, CA.
1988 B.A., History; University of California, Los Angeles, Los Angeles, CA.

AREAS OF PROFESSIONAL INTEREST

My interests encompass Science Education and science teacher preparation for the elementary setting with a focus on early career teachers. My current research agenda focuses on the teaching and learning of the nature of science and professional development in this area.

PROFESSIONAL EXPERIENCES

2005-2006 Lecturer, California State University, Long Beach, Long Beach, CA.
In A Process Approach to Science (SCED 401) I teach the processes of science as they relate to life, earth, and physical sciences. The course emphasizes the nature of science and provides practical approaches to understanding how science works through modeling of inquiry based teaching. The design and completion of independent long term research projects is a vehicle for the teaching of research design and basic statistical controls. This course is a “capstone” course for students wishing to apply to the elementary teaching credential program.

2004 Adjunct Lecturer, University of Southern California, Los Angeles, CA.
In the graduate course Issues, History and Rationale of Science Education (CTSE 507) my teaching included an overview of the history, goals, and issues in science education K-12. Students read and reflected on related literature with the research basis of various rationales for the teaching and learning of science underpinning discussions of past and present issues in science education. This course was a required core course for students seeking a Masters or Doctoral level degree in Science Education.

2001-2003 Lecturer, California State University, Long Beach, Long Beach, CA.
In Elementary Science Teaching Methods (EDEL 475) I teach the objectives, strategies, materials and methods necessary for teaching elementary school science. This includes development of sequenced lessons, integration across content areas; understanding of how children learn science; how to develop inquiry-and experiential-based units which address the needs of all learners as well as how to design academic instruction in English for second language learners.

2002 Lecturer, California State University, Long Beach, Long Beach, CA.
In Introduction to Teaching (EDSS 300c) I introduce students to the profession of teaching in the state of California, with an emphasis on the specific subject area of science. The course covers in an introductory fashion: the structure, organization and culture of schools; curriculum, instruction, assessment, and classroom management primarily in secondary school settings the history and current status of the subject area; becoming a reflective practitioner. Topics are contextualized in the cultural, linguistic, ethnic, and ability diversities represented in California classrooms. The course prepares students for more in-depth study in subsequent courses.

1992-1999 Teacher, Palos Verdes Peninsula Unified School District, Palos Verdes Estates, CA. I taught a fifth grade, self -contained classroom and served as grade level chair from 1995-1997. (Child-care leave status 1998-1999.)

1990-1991 Management Assistant, City of Los Angeles, Department of Transportation, Los Angeles, CA. As part of the budget unit I assisted with preparing department reports and was responsible for monthly status reports to the Mayor on all department projects including Metro Rail construction.

1989 Administrative Aide, County of Sonoma Board of Supervisors, Chairperson, Janet Nicholas, Santa Rosa, CA. I represented Supervisor Nicholas with Federal, State and Local entities as well as working as a liaison to individuals, community groups and the media.

1988-1989 Executive Aide, County of Orange Board of Supervisors, Supervisor Roger R. Stanton, Santa Ana, CA. I represented the Supervisor with various county agencies, was responsible for media research and correspondence with constituent groups.

PROFESSIONAL SERVICE

California State University, Long Beach

2005-2006 Thesis Advisor, Long Beach, CA. I was part of the Thesis Committee for Ms. Amy Edmundson a 2006 CSULB graduate.

2001-2003 University Supervisor, Long Beach, CA. I supervised middle and high school interns and student teachers from the California State University Long Beach Single Subject Credential Program (Science) during their state mandated practicum.

University of Southern California

2000 Teaching Assistant, Earth and Space Science Concepts for Elementary Teachers (CTSE 505), for Dr. William F. McComas, Los Angeles, CA. I assisted with development of the Fall 2000 course syllabus and was responsible for periodic instruction, leading small group discussion, evaluating student work, designing laboratory activities and providing individual student assistance.

2000 Reader, Master's Seminar (CTSE 593a), for Dr. Janice Schafrik, Los Angeles, CA. My responsibilities for Summer 2000 included evaluating student work, providing assistance to individual students about designing their research projects and delivering a lecture on qualitative research methods.

2000 Graduate Assistant for Dr. William F. McComas, Los Angeles, CA. I assisted with academic research for book and journal article publication, prepared manuscripts for submission to professional journals, and performed other research-related tasks as needed.

2000 Regional Judge, Toshiba/NSTA ExploraVision Awards, Washington, DC. I acted as a regional judge for this science recognition program that provides awards and motivation to K-12 students from the United States and Canada.

1999 Teaching Assistant, Advanced Science Teaching Methods (CTSE 509), for Dr. William F. McComas, Los Angeles, CA. I assisted with development of the Fall 1999 course syllabus and was responsible for periodic instruction, leading small group discussion, evaluating student work, and providing individual student assistance.

1998-1999 Program Revisions Facilitator, Education Consortium of Central Los Angeles, Los Angeles, CA. I coordinated the complete curriculum revision of the Intersession Science Enrichment Project in the Family of Five Schools in South Central Los Angeles.

1998 Evaluation Coordinator, Orchid Project Summer Institute, California Science Project at the USC Center for Craniofacial Molecular Biology, Los Angeles, CA. The Orchid Project was a two-week science teacher development institute centered on Problem Based Learning for the faculty of the Venice/Westchester Cluster of the Los Angeles Unified School District. I designed and coordinated participant evaluations of the program as well as contributing my own critical evaluation of the program's activities.

1997-1998 Evaluator, Education Consortium of Central Los Angeles, Los Angeles, CA. I evaluated the Intersession Science Enrichment Project in the Family of Five Schools in South Central Los Angeles, which is supported by a grant from the USC Neighborhood Outreach Program.

Palos Verdes Peninsula Unified School District

1995-1997 Technology Mentor Teacher—I presented numerous workshops on using technology in the classroom during the Annual Technology Inservice Day, as well as in regular and summer terms, assisted in the development of the technology skills matrix and the acceptable use policy.

1995-1996 Program Quality Review (PQR) Consultant – As part of the PQR process for the State of California, I received specific training and was assigned assist with and evaluate the PQR process at an elementary school in the Hawthorne Unified School District.

1995 Spotlight on Our School Cable Television Program – I was a guest on this community cable program where I had an opportunity to discuss the newly adopted district science curriculum with the Superintendent of Schools and other guests.

1993-1997 Science Curriculum Committee – this committee created a science curriculum matrix, evaluated and selected new science materials, implemented the new curriculum, and trained other teachers in its use.

Montemalaga Elementary School

1996-1997 – Program Quality Review (PQR) Leadership Team – As part of the Leadership Team I was responsible for authoring school-wide goals for the PQR, helping the faculty prepare for our evaluation, giving inservices on the PQR process, coordinating Consultant interviews and classroom observations and writing our final report for submission to the State Department of Education.

1995-1997 – Grade Level Chair, Fifth Grade – I acted as liaison to the principal on all grade level matters, conducted monthly grade level articulation meetings, served as a curriculum leader, and coordinated the participation of the entire fifth grade in a five day field trip to Los Angeles County Outdoor Science School.

1996 – Eastern Sierra Institute Field Study Training Program – This institute was given for science leadership development and to improve the skills of teachers in data collection and analysis in ecological, geological and life science studies. We learned concepts and field studies techniques that I directly applied in my classroom.

1992-1997 – Technology Committee—assisted in the development and implementation of a school-wide technology plan that included fundraising, hardware, software, training and teaching components.

1994-1995 – School Site Council – this council acts as a steering committee for school activities and had jurisdiction in school based management decisions, including budget and facilities management.

AWARDS

- 1996 Finalist, Redondo Beach Jaycees Outstanding Young Educator of the Year
- 1996 Certificate of Special Congressional Recognition--Congresswomen Jane Harman
- 1996 Certificate of Recognition – CA State Senate – Senator Ralph Dills
- 1996 Certificate of Recognition -- CA State Assembly –Assemblywoman Debra Bowen
- 1996 Certificate of Recognition -- County of Los Angeles—Supervisor Deane Dana
- 1996 Certificate of Recognition – City of Redondo Beach – Mayor W. Brad Parton
- 1996 Very Special Person Award, Montemalaga PTA

GRANTS

1995 Palos Verdes Peninsula Unified School District Technology Grant (\$5K) Co-authored a grant to obtain computer and video hardware along with related science software.

PRESENTATIONS

Henebry, H. (2005, October). *Early Career Teacher Views of Science Teaching Methods Courses*. California Science Education Conference. Palm Springs, CA.

Henebry, H. (2005, January). *Early Career Teachers Views of Science Methods Courses: The Relationship Between Preservice Preparation and the First Years of Teaching*. Association for Science Teacher Education Annual Meeting. Colorado Springs, CO.

Henebry, H. and Saylor, C. (2003, October). *We ALL Do Science; Adapting Science Instruction for Special Needs*. California Science Education Conference. Long Beach, CA.

Wang, H. A. and Henebry, H. S. (1999, March). *Unveiling the Standards-Based Professional Development: A 21st Century Model with the Application of Problem Based Learning*. National Association for Research in Science Teaching. Boston, MA.

CONFERENCES ATTENDED

2005 Association for Science Teacher Education Annual Meeting, Colorado Springs, CO.
2005 California Science Teachers Association, Annual Meeting, Palm Springs, CA
2003 California Science Teachers Association, Annual Meeting, Long Beach, CA
2001 Association for the Education of Teachers of Science, Annual Meeting, Costa Mesa, CA
2001 California Science Teachers Association, Annual Meeting, Palm Springs, CA
2000 National Association for Research in Science Teaching Annual Meeting, New Orleans, LA
1999 National Association for Research in Science Teaching Annual Meeting, Boston, MA

PROFESSIONAL MEMBERSHIPS

2002-present NSTA-National Science Teachers Association
2001-present AETS-Association for the Education of Teachers of Science
2000-present CSTA—California Science Teachers Association
1999-present NARST --National Association for Research in Science Teaching
1999-2001 ASCD – Association for Supervision and Curriculum Development

BACKGROUND AND INTERESTS

I enjoy traveling but have called Southern California home since 1968. I have visited 35 countries on five continents in addition to pursuing my interests in home renovation, book club, and gourmet cooking. I am active in community service through my elected position as the Vestry Member for Outreach at my church, membership in the PTA for my son's school, and chair of Team Science! (4th Grade Parent Volunteer Science Teachers). I am married to John Henebry, Jr., a small business owner; we live in the South Bay area of Los Angeles with our young son.