

**Shelley L. Fernald**

California State University, Long Beach  
Department of Science Education  
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**Certification**

- California Professional Clear Multiple Subject Teaching Credential
- California Clear Cross-Cultural Language and Academic Development Certificate (C.L.A.D.)

**Professional Experience**

- California State University Long Beach: Long Beach, CA '01 - Present  
Instructor - Science Education
- Long Beach Unified School District: Long Beach, CA  
Alice M. Birney Elementary '90 - Present  
Science Specialist '95 - Present  
Grades Pre-K - 5 Science Discovery Lab Instructor  
Teacher, Grade 5, all subjects '90 - '95
- Project Developer and Sales for commercial furniture and design '87 - '90
- St. Peters Episcopal School: San Pedro, CA '84 - '87

**Educational Preparation**

- University of California, Irvine: Irvine, CA '95 - '00  
Courses in Life, Physical and Earth Science:  
Content and Instructional Methodology/Pedagogy  
Elementary Physical Science: Instructional Strategies  
Elementary Life Science  
Elementary Environmental Science:  
Instructional Strategies  
Elementary Environmental Science  
Elementary Life Science: Instructional Strategies  
Elementary Life Science
- Fresno Pacific College '91  
Instruction in Math & Science
- United States International University: Irvine/San Diego, CA '92  
Masters of Arts in Curriculum & Instruction
- University of Arizona: Tucson, AZ '83  
Bachelor of Science in Education

## Leadership

NSTA - National Science Teachers Association Conference Co-chair Evaluations committee	Spring 2006
• Long Beach Unified School District District Science Fair Committee	'00 - Present
Science Fair Chairperson - Alice M. Birney Elementary	'95 - Present
Science Magnet Coordinator - Alice M. Birney Elementary	'95 -

## Present

Materials & Curriculum New Teacher Coach	'95 - Present
Peer Assistance & Review (PAR) Consulting Teacher	'00 - '02
K-5 Textbook Adoption Committee	2001 & 2006
Site Based Decision Making Co-Chair Alice M. Birney Elementary	'99 - '01
Mentor Teacher	'95 - '00
District Science Standards Implementation Team	'99 - '00
California Science Integration Network (C. S. I. N.) Lead Teacher	'95 - '99
District Representative to Yokkaichi, Japan Presenter at Environmental Education Symposium	'96
New Teacher Coordinator	'95
Master Teacher California State University, Long Beach California State University, Dominguez Hills	'92 - '95
Science Workshop Developer/ Presenter California Science Teachers Association (C.S.T.A.) Long Beach	2003
Presented numerous workshops for LBUSD in the areas of constructivist teaching techniques; Life, Earth Physical and Environmental Science; Science and Literacy integration; Comprehension Skills; Effective use of the Houghton Mifflin texts (2001) and instruction in the use and implementation of district standards.	1995- present

## Professional Educational Conferences

- National Science Teachers Association annual meeting: 1994, 2000, 2006
- California Science Teachers Association annual meeting: 1995 - 2006

## Professional Affiliations

- California Science Teachers Association (C.S.T.A.)
- National Science Teachers Association (N.S.T.A.)