

Timothy K. Williamson

California State University, Long Beach
Department of Science Education
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Certification

- California Professional Clear Multiple Subject Teaching Credential, (expires July 2007)
- California Clear Cross-cultural Language and Academic Development Certificate (C.L.A.D.) (Life)
- State of Arizona Public School Teacher's Certificate (renewable)
- State of Indiana Life General Elementary Public School Teacher Certificate (Life)

Professional Employment

- Los Angeles County Office of Education; Downey, California
-Education Center-Clark; 2002-Present
-Science Consultant, Elementary
- California State University, Long Beach; Long Beach, California
Science Education Department; 1998-Present
Science Methods Instructor, SCED 475-(Elementary Science Pedagogy)
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- Long Beach Unified School District; Long Beach, California
-District Science/Math Resource Center; 1999-2002
District K-12 Science/Math Resource Center, Head Teacher
-Carver Elementary School; 1991-1999
Teacher, Grade 3, all subjects and Science Specialist/Lab Instructor
-Bret Harte Elementary School; 1981-1991
Science Specialist, Grades K-6 and Science Lab Instructor
Interim Assistant Principal; Spring, 1988
- Washington School District; Phoenix, Arizona
Chaparral Elementary School; 1976-1981
5th Grade Science Teacher
- Richmond Community Schools; Richmond, Indiana
Joseph Moore Elementary School; 1971-1976
6th Grade Teacher, all subjects & Science, self contained
- Centerville-Abington School District; Centerville, Indiana
Rose Hamilton Elementary School; 1970-1971
6th Grade Teacher, all subjects

Educational Preparation

- University of California, Irvine: Irvine, California; 1994-2000
Courses in Life, Physical and Earth Science: Content and Instructional Methodology/Pedagogy
 1. *Elementary Physical Science-Instruction Strategies- 3 units*
 2. *Elementary Physical Science- 3 units*
 3. *Implementing Physical Science- 3 units*
 4. *Elementary Earth Science- 3 units*
 5. *Elementary Earth Science: Instructional- 3 units*
 6. *Implementing Earth Science- 3 units*
 7. *Elementary Life Science: Instructional Strategies- 3 units*
 8. *Elementary Life Science- 3 units*
- University of the Pacific; Stockton, California; Fall 1996
 1. *Methods/Topics in Science Education- 1 unit*
 - University of California, Los Angeles; Los Angeles, California; 1987-1994
Project R.I.S.E. (Renewed Incentives in Science Education)

1. *Teaching Elementary Science- 9 units*
2. *Peer Leadership In Science Education, K-12- 9 units*

Project L.E.A.D.S. (Leadership Enhancement and Dissemination of Science)

1. *Science For Teachers- 4 units*
2. *Principles/Methods For Teaching Science- 6 units*
3. *Spanish Language Acquisition- 9 units*

- California State University, Long Beach; Long Beach, California; 1985-1986
 1. *Health Science, Mainstreaming- 3 units*
 2. *Drug and Substance Abuse- 3 units*
- Glendale Community College; Glendale, Arizona; 1977-1978
 1. *Arizona Government and Constitution-4 units*
- Ball State University; Muncie, Indiana;
 - Master of Arts in Education; 1975*
 - Major: Elementary Education, Minor: Natural Resources/Science Ed, (G.P.A.-3.920)*
 - Bachelor of Science; 1970*
 - Major: Elementary Education*

Professional Experience

- Los Angeles County Office of Education (LACOE)
 - Independent Contract Consultant; BTSA/Intern Program, Elementary Trainer, Science*
 - 1999-Present*
- California State University, Long Beach; Long Beach, California
 - Long Beach Science Educator's Network, K-16 Partnership Alliance*
 - Board Member, 2000-2005*
- Boeing Aerospace's "Educators To 'Advanced' Space Camp"
 - Huntsville, Alabama & Kennedy Space Center, Cape Canaveral, Florida
 - K-12 Curriculum Development Writer/Consultant*
 - Worldwide Participant, July 2002*
- Boeing Aerospace's "Educators To Space Camp"
 - Huntsville, Alabama & Houston, Texas
 - K-8 Curriculum Development Writer/Consultant*
 - Worldwide Participant, July 2001*
- California State University, Long Beach; Long Beach, California
 - Long Beach Elementary Science/Math Teacher Education Partnership; L.B.E.S.T.E.P.*
 - Advisory Board Member, 1999-2004*
- National Science Teacher's Association, N.S.T.A.
 - 2006 N.S.T.A. National Conference on Science Education; Anaheim, California*
 - Co-Chairperson, Local Arrangements*
- California Science Teacher's Association, C.S.T.A.
 - Board of Directors, Region 3 Director, 2005-Present*
- California Science Teacher's Association, C.S.T.A.
 - 2007 C.S.T.A. State Conference; (To be held in Long Beach, California)*
 - State Conference Chairman*
- California Science Teacher's Association, C.S.T.A.
 - 2006 C.S.T.A. State Conference; San Francisco, California*
 - State Conference Committee Member*
- California Science Teacher's Association, C.S.T.A.
 - 2003 C.S.T.A. State Conference; (To be held in Long Beach, California)*
 - State Conference Co-Chairman*
- California Science Teacher's Association, C.S.T.A.
 - 2002 C.S.T.A. State Conference; San Francisco, California*
 - State Conference Committee Member*
 - Pre-conference Day Co-chairman*
- California Science Teacher's Association, C.S.T.A.

- 2001 C.S.T.A. State Conference; Palm Springs, California*
State Conference Committee Member
Pre-conference Day Co-chairman
- California Science Teacher's Association, C.S.T.A.
1999 C.S.T.A. State Conference; Long Beach, California
State Conference Committee Member
 - Long Beach Unified School District; Long Beach, California
Elementary Chairperson, LBUSD Science Standards/California Standards Correlation Team; 2002
Elementary Chairperson, Science Assessment Development Team; 1996-Present
K-5 Science Textbook Adoption Committee Chairperson, 2000-2001
K-12 District Science Fair Steering Committee, 1998-Present
Member of the K-8 Science Standards Writing & Implementation Team; 1995-2001
 - California State University, Long Beach; Long Beach, California and Long Beach Unified School District; Long Beach, California
K-16 Seamless Education Hub, Staff Developer, Southern California Region; 1997-Present
 - Long Beach Aquarium of the Pacific; Long Beach, California
Education Advisory Board, 1998-Present
 - California Science Integration Network (C.S.I.N./K-12 Alliance
School Staff Developer, Long Beach Unified School District; 1996-1999
Lead Teacher, Long Beach Unified School District; 1994-1996
 - California Systemic Initiatives Collaborative: C.S.I.A.C.
Member of the State Science Assessment team with Kathy Comfort; 1996-1997
Developed a rubric related science assessment instrument for statewide pilot programs.
 - State of California Dept. of Education/Long Beach Unified School District
Program Quality Review (State P.Q.R.) Consultant/Site Reviewer in Science Education; 1997-Present
 - School Research Services (SRS), Mission Viejo, California
Independent contractor (writer/consultant) for national science achievement test questions firm, writing science assessment questions for SAT-9 Science Tests and Iowa Test of Basic Skills (I.T.B.S.) tests. 1996-1998
 - Science Workshop Developer/Presenter
Presented numerous workshops in Los Angeles County in the areas of: conducting research using scientific methodology; constructivist teaching techniques; pedagogy; science assessment; making and using science rubrics; earth, life, and physical science content instruction; training in the effective use of the Macmillan/McGraw-Hill Science Texts; and instruction to all K-8 teachers in the Long Beach Unified School District in the use and implementation of the new district and state science standards as well as the new state science lab safety rules and regulations; 1987-Present.
 - Presenter/Speaker at numerous California Science Teacher's Association (C.S.T.A.) conferences; 1991-Present (see above topics)
 - Presenter/Speaker at the National Science Teacher's Association (N.S.T.A.) conference held in Long Beach, California; 1991
 - Author/Presenter of "Labs & Literacy" In-services (teaching Reading/Literacy using Science textbooks) for all of LBUSD's K-5 Faculty; 2001-Present
 - Author/Presenter of "Science Assessment, the Good, the Bad, & the Ugly!" LBUSD's K-8 Faculty; Spring 2002

Awards/Personal Best

- Long Beach Aquarium of the Pacific; Long Beach, California
 2002 Recipient of the "**Steward of the Pacific**" award for spreading the spirit of marine education and conservation to the Southern California Community, June 2002

- Long Beach Parent/Teacher's Association; Long Beach, California
Recipient of the "**Continuing Honorary Service**" award for recognition of continued outstanding service to the children and youth of the greater Long Beach area, January 1995
- Long Beach Parent/Teacher's Association; Long Beach, California
Recipient of the "**Honorary Service**" award for recognition of outstanding service to the children and youth of the greater Long Beach area, January 1987