

Dean, Library & Learning Resource Center
Cypress College
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Carol A. Welsh
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VITA Education and Credentials

Pepperdine University, Ed. D., Educational Technology, 2003
California State University, Long Beach,
M.A., Biology, 1977 and B.A., Biology, 1976
California Community College Lifetime Teaching Credential
California Community College Lifetime Supervisory Credential

Teaching Experience

Long Beach City College

Professor, Life Sciences, 1977 to 2005

- Contemporary Biology for the K-8 Teacher
- Biology for Science Majors
- General Education Biology

California State University, Long Beach

- *Lecturer, Biology Department (2002 to present)*
 - Biology 200 (General Education Biology)
 - Biology 439 (Plant Morphology: Lecture and Lab)
- *Lecturer, Science Education (2004 to present)*
 - SCED 401: A Process Approach to Science
 - SCED 500: Life Science Concepts for K-8 Teachers

Additional Professional Experience

Cypress College/North Orange County Community College District

Dean: Library and Learning Resource Center, 2006 to present

National Science Foundation

Grant Proposal Field Reader, 2003 to 2005

US Department of Education

Grant Proposal Field Reader, 2000 to present

Title V Coordinator, 1998 – 2001

Title III Coordinator, 1995-1998

California State University, Long Beach

Long Beach Elementary Science/Math Teacher Education Partnership, 2000-2004

Seamless Education Initiative: Member and co-chair, 1994-1999

Bridges to the Baccalaureate (NIH): LBCC Liaison, 1991-1997

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Honors and Awards

- *Colleagues Award*, Pepperdine University, 1999 Graduate School of Education & Psychology
- *Outstanding Teacher Recognition*, Alpha Gamma Sigma, LBCC - 1996, 1997, 1998, 2002
- *Great Teachers' Seminar* - 1994
- *Inter-segmental Faculty Seminar* (CSU/CCC joint faculty development) - 1989
- *National Institute for Leadership Development* - 1986

Presentations and Publications

Doctoral Dissertation: "Community College Peer Mentors: Factors Influencing Adoption of Email" (Pepperdine University, 2003)

Presenter: "Multiple Intelligences: Teaching and Learning in the Introductory Biology Lab". *College Science Teaching Strategies Workshop*, October 2002. Long Beach City College.

Presenter, "Technology and the Under-Prepared Student: Myths and Realities". *Conference on Undergraduate Teaching and Learning*, California State University Dominguez Hills and El Camino Community College. April 2000.

Presenter, "HighTech + HighTouch = Student Success" *Title III/Title V National Workshop*, US Dept of Education, Atlanta GA. November 1999.

Presenter, "Beam it UP! Developing Interactive Courseware for Faculty of Various Disciplines", *U. S. Dept of Education, Title III National Workshop*, San Diego, CA. November 1998.

Presenter, "Science on the Internet", *College Teaching Strategies Workshop*, Santa Monica Community College (1998) and Richland Community College (2001).

Presenter: "Biology on the Internet", *Connected Classroom Conference*, Anaheim, CA. 1998.

Presenter, "Core Science Concepts for K-8 Teachers", *Life Sciences Institute for Teacher Professional Development*, Long Beach Unified School District, April 1998.

Author, *Web-Based Interactive Exercises for High School and College Biology Students*, The Biology Place, 1996 to 1998 Peregrine Publishers, Boston, MA. (Pearson Publishing, Inc.)