

PRISCILLA BELL

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Education:

- 2010 Herbal Information Specialist Certification from American Botanical Society, 2 online courses 2010
- 2003 Chicano Studies 106 “Health In the Chicana/o Latina/o Population” UCLA, Spring 2003.
- 2003 Statistics (PSYCH 314) at Whittier College
- 1986-89 Graduate (2) and undergraduate (6) Geology classes at Fullerton College, Whittier College, and California State University, Los Angeles
- 1978 Doctor of Philosophy from The Ohio State University, research conducted under Dr. Andrew Wojcicki, dissertation title “A Kinetic Study of the Cycloaddition Reactions of Toluenesulfonyl Isocyanate with Transition Metal Sigma-Allyl and Propargyl Complexes”
- 1975 Master of Science under Dr. Wojcicki at The Ohio State University
- 1972 Bachelor of Science from Mount Union College, Alliance Ohio Magna cum Laude with Honors in Chemistry (A.C.S. Professional Chemist)

Professional Experience:

- 2012 Instructor at Lingnan University in Hong Kong, China, taught “Medicine and Culture” May-July 2012
- 2011 Participated in a medical clinic and survey of childhood health in Nakuru, Kenya July 2011
- 2011-present Professor of Chemistry at Whittier College
- 1993-present Part-time Instructor in Chemistry at Cerritos College, Norwalk, CA
- 1982-present Co-Chair of the Health Sciences Advisory Council

- 1993- 2011 Associate Professor of Chemistry at Whittier College
- 1999- 2005 Consulting Scientist to the Whittier City School District
- 2004-present Director of the Whittier College Health Professions Shadowing Program
- 2004 Interviewer for Premedical Advisor's Reference Manual published by the National Association of Advisors to the Health Professions
- 2001-2 Participant in the pilot program for the American Chemical Society Conceptual Learning Program in General Chemistry
- 1982-1993 Assistant Professor of Chemistry at Whittier College
- 1990 Part-time Instructor of Chemistry at Fullerton College, Fullerton, CA
- 1989-90 Lecturer at California State University, Los Angeles, CA
- 1988 Research Chemist at the Sanitation Districts of Los Angeles County, Whittier, CA
- 1980-82 Lecturer in chemistry at The Ohio State University, Columbus, OH
- 1980-1 Coordinator of Lecture Demonstrations for introductory chemistry at The Ohio State University, Columbus OH
- 1978-80 Research Chemist at Ashland Chemical Company, Dublin, OH
Priscilla Bell Resume Page 2
- 1972-78 Graduate Teaching and Research Associate at the Ohio State University, Columbus, OH

Publications, Presentations and Grants:

- 2012 Ahn A, Phung,B, Nguyen L. , Li A, Fradinger, E.† and Bell, P.*
Antibacterial Properties of Selected Herbs on *Escherichia coli* and *Streptococcus pyrogenes*, American Chemical Society National Meeting in San Diego CA March 25, 2012 Poster presentation
- 2010 Bell, P.; Volckmann, D. "Knowledge Surveys in General Chemistry: Confidence, Overconfidence and Performance", Journal of Chemical Education in revision for publication 2010
- 2010 Bell, Priscilla. "Experiential Learning through a Health Professional Shadowing Program". Journal of Cooperative Education and Internships. 2010, 44(1), 34-41.

- 2010 Poster for the National Meeting of the National Association of Advisers to the Health Professions in Atlanta, June 19, 2010
 “Whittier College’s Health Professional Shadowing Program: a short-term exploration in medicine designed for lower-division students.”
- 2009 Presentation to WAVE conference with Alumni at Whittier College, “Forging Real World Models” Jan. 31, 2009
- 2009 Whittier College Faculty research grant for research on Chemical Composition of Herbs
- 2009 Poster for the Western Regional conference of the National Association of Advisers to the Health Professions Meeting April 18, 2009 in Santa Fe New Mexico “A Culturally Based Undergraduate Research Program for Latino Prehealth Students.”
- 2008 Panel Participation at the American Association of Colleges and Universities Conference in Long Beach 10/17/08 “A Comprehensive Approach to Diversity, Inclusion, and Student Learning” Priscilla Bell, Susan D. Gotsch, Jeanne Ortiz, and Lisa Bortman
- 2008 Devin Iimoto and Priscilla Bell. Problem Based Experiments Using HPLC and CE. American Chemical Society National Meeting. Philadelphia, PA. August 17, 2008. Oral Presentation.
- 2008 Devin Iimoto and Priscilla Bell. Problem Based Experiments Involving HPLC and CE. NSF-CCLI PI Conference. Washington DC. August 14, 2008. Poster.
- 2004-2007 Guided the work and paper presentations of 16 undergraduate students at Southern California Conference on Undergraduate Research, at Whittier College November 2004(6), UC Riverside 2005(1), Occidental College 2006(3), and California State University, LA 2007(6)
- 2005 “Development of an Active Learning Program for Hispanic Health Science Students” presented at Innovations Conference, St. Olaf College, Northfield, MN April 7, 2005.
- 2004 Faculty Research Sharing Series “Profiling the Whittier College Physician Graduates” Hartley House, Whittier College November 5, 2004.

- 2004 "Learning in the Community: The Whittier College Physician Shadowing Program" presented to the Whittier College Faculty and Administrators at the annual faculty retreat, August 25, 2004.
- 2004 Bell, Priscilla "Influences on the Baccalaureate and Medical Education of Hispanic Physicians from Southern California" submitted to Academic Medicine August 2004.
- 2003 Montes, David, Andrea Garcia and Priscilla Bell. "A Comparative Study of Premedical Experiences of Hispanic and Non-Hispanic White Students" presented at the Southern California Conference on Undergraduate Research Irvine, CA, November 2004
- 2003 Faculty Research Grant from Whittier College: support for developing and distributing a survey of medical graduates and local Hispanic physicians
- 2002 Faculty Development Grant from Whittier College: to develop a program for Hispanic health science students
- 1997 Faculty Forum: "Advisement of Students interested in Health Fields" Whittier College, November 11, 1997
- 1996 Faculty Development Grant to develop materials for advising into the fields of optometry, pharmacy, physician assistant, physical therapy, chiropractic, and podiatry
- 1994 Presentation of the Whittier College Health Science Advisement Program to the meeting of the National Association for the Advisors for the Health Profession, Denver, CO
- 1992 Irvine Foundation Grant for the revision of General Chemistry Program
- 1988 Report to the Sanitation Districts of Los Angeles County on a ground \water-filtration study
- 1988 Faculty Development Grant to permit the taking of graduate geology classes at CSULA
- 1984 Faculty Development Grant for the assembling and integration of chemistry lecture demonstrations
- 1983 Faculty Research Grant for low temperature and pressure work on Water Gas Shift Catalyst

- 1981 Bell, Priscilla and Andrew Wojckcki, Inorganic Chemistry. 20. 1585-1592. (1981)
- 1978 Presentation to the Joint Central-Great Lakes Regional Meeting of the American Chemical Society, Indianapolis, Indiana, May 24-26, 1978
Abstract no. INOR 7.

Professional Memberships:

American Chemical Society

National Association of Advisors for the Health Professions

Courses Taught:

Whittier College: Chem 91A (Introduction to Chemistry)
Chem 95 (Preparation for General Chemistry)
Chem 110A-B (General Chemistry)
Chem 305 (Quantitative Analysis)
Chem 452 (Advanced Inorganic Chemistry)
Chem 486 (Integrated Laboratory)
Chem 491 (Chemistry Seminar)
NASC 200 Physical Science for Teachers
Freshman Seminar (Introduction to College Life)
Freshman Writing Seminar(s)
History of Science
So you want to be a Doctor
Cultural Competency in Medicine
Cultural Aspects of Medicine
INTD 278 Medicine and Culture

California State University Los Angeles:

Chem 151 (Fundamental of Chemistry)
Chem 101 (General Chemistry)
Chem 201 (Quantitative Analysis)

Cerritos College: Chem 111 and 112 General Chemistry
Chem 110 Elementary Chemistry
Chem 100 Introductory Chemistry
Chem 9T Chemistry Tutorial

Fullerton College: Chem 101 (Introduction to Chemistry)

Ohio State U.: Chemistry 100 (Elementary Chemistry)
Chemistry 121-3 (General Chemistry)
Chemistry 205 (Chemistry for Engineers)

Research Interests: Cultural aspects of medicine and chemical composition of herbs.