

List of Publications

2002

<p><u><i>American Biology Teacher Journal</i></u> , "Using Cooperative Groups, Active Learning and Stations to Provide a Comprehensive Understanding of the Human Genome Project"</p>
<p>"Separation and Identification of a Mixture of Group VI Transition Metal Carbonyl Compounds using GC-MS in the General Chemistry Curriculum" <u><i>Journal of Chemical Education</i></u></p>
<p><u><i>Journal of Chemical Education</i></u> , "Introduction of Mass Spectrometry in a First-Semester General Chemistry Laboratory"</p>
<p><u><i>Journal of Geoscience Education</i></u>, "Using Online Homework to Engage Students in a Geoscience Course or General Education"</p>

2001

<p>Authors: Joanne Rossi Becker, Barbara J. Pence (SJSU) Title: <u>Capstone Courses for Secondary Mathematics Teachers: Math 201A and Math 201 B</u></p>
<p>Authors: S.E. Branz and M.A. Scharberg (SJSU) Title: <u>A Four Semester Course Sequence Integrating general and Organic Chemistry</u></p>
<p>Authors: Randy Charles and Cheryl Roddick (SJSU) Product: <u>Projects and assessment materials developed for a three-course sequence in mathematics, designed for prospective K-8 teachers</u></p>
<p>Author: Barbara Pence Title: <u>Deep Understanding of School Math Needed by Teachers- Mathematics</u></p>

2000

<p>Authors: Joanne Becker and Barbara Pence Title: <u>Capstone Courses In Problem Solving For Prospective Secondary Teachers: Effects on Beliefs and Teaching Practices</u></p>
<p>Authors: Roddick, Becker and Pence Title: <u>Effects on Beliefs About Problem Solving and Its Instruction As a Result of Capstone Courses</u></p>

Author: Barbara Pence Title: <u>Capstone courses For Secondary Mathematics Teachers, Preliminary report</u>
Author: P.R. Backer Title: <u>Training students to become web authors: Evaluation of a training model. In J. Bourdeau & R. Heller (Eds.), Proceedings of ED-MEDIA 2000 (pp. 1214-1215)</u>
Author: Patricia Backer (SJSU) Title: <u>Training students to become web authors: Evaluation of a training model.</u>
Author: Patricia Backer (SJSU) Title: <u>Development of an Effective Multimedia/WWW Training Model for Faculty</u>
Author: Paula Messina (SJSU) Title: <u>Bay Area Field Trips: Educators' Guide to Local Resources</u>
Author: Choo W. Song Lab Manual: <u>General Chemistry, Chem 1B students at San Jose City College and Evergreen Valley College</u>

1999

Author: Rhea L. Williamson Title: <u>Water Quality Monitoring Methods in Local Creeks</u>
Authors: Joanne Rossi Becker, Barbara J. Pence Title: <u>Capstone Courses in Problem Solving for Prospective Secondary Teachers: Effects on Beliefs</u>
Authors: S.E. Branz and M.A. Scharberg Title: <u>A Four Semester Course Sequence Integrating general and Organic Chemistry: A Mid-Project Update</u>
Author: Carlene Tonini Title: <u>"Concept Mapping Companion Guide for Introductory Biology"</u>
Author: Robert Hyde Title: <u>Research Project (Generic design for writing-research projects in Biol 54)</u>
Authors: Patricia Backer, Mariam Saltmarch Title: <u>Evaluation of a Multimedia workshop model: Training instructors to use technology in the classroom</u>
Authors: Patricia Backer, Mariam Saltmarch Title: <u>Development of a workshop to train faculty to use multimedia and the WWW in the classroom</u>

Author: Patricia Backer Paper Title: <u>Getting On Board with Multimedia and Internet Training</u>
Authors: Reed, D.L. And J. Moreno Title: <u>Arctic mud, computer pixels, and fish scales: Using multimedia to enhance learning in an oceanography course</u>
Authors: Mohsen Janatpour, Barbara Uchida, Jon Celesia (CSM) Product: <u>Preparation for Physics workbook</u>
Author: Patricia Backer Paper Title: <u>Getting On Board with Multimedia and Internet Training</u>
Authors: Reed, D.L. And J. Moreno Title: <u>Arctic mud, computer pixels, and fish scales: Using multimedia to enhance learning in an</u>
<u>Geological Society of America, V.31, P.A-87</u>

1998

Authors: Robert Hyde and Carlene Tonini Title: <u>Lifelong Learning in Science Survey</u>
Author: Robert Hyde Title: <u>"Health Plan"</u>
Authors: C.R. Landis, G.E. Peace, M.A. Scharberg, S.E. Branz, J.N. Spencer, R.W. Ricci, S.A. Zumdahl, D. Shaw Title: <u>"The New Traditions Consortium: Shifting from a Faculty-Centered Paradigm to a Student-Centered Paradigm" J. Chem. Educ. 1998, 75, 741</u>
Authors: Scott Gronert (SFSU), Jim Keeffe (SFSU), Jonathan Frank (SFUSD) Title: <u>"Molecular Modeling for Introductory Organic Chemistry Manual"</u>
Authors: John Stubbs, Nan Carnal, Jeff Holmes Title: <u>"Biology 230 Lab Supplement"</u>

1997

Authors: Skip Curtis (SJSU), Wilbur Mellema (SJ City College), Billie Risacher (SJSU), and Susan Title: <u>Participative Activities for Learning</u>
Author: Don Reed Title: <u>Surfing a Tsunami in Ocean Science Education</u> Scientific Journal: <u>Computers and Geosciences</u>

1996

No Publications
