Faculty Accomplishments 2003

The Cal State Channel Islands mission statement declares that the University “...facilitates learning within and across disciplines.” An essential element in facilitating learning is the dissemination of the results of scholarly and creative activities to the campus community, to our students, and to the greater academic and general community.

In support of the University’s mission, the faculty members of CSUCI are active teacher/scholars. Since the founding of the University in mid 2001, faculty members have been performing scholarly research and creative/artistic endeavors. They have disseminated the results of their scholarly/creative activities in a variety of modes and forums: exhibits, presentations, speeches, and publications.

This booklet contains a summary of the principal scholarly/creative activities of faculty members since the founding of the University through July 2003. Additional summaries of new accomplishments will be published periodically during the academic year.

This summary demonstrates an engaged and active faculty. In addition to teaching classes and contributing to the ongoing development of our new University, faculty members have continued their scholarly/creative work. The work of the faculty is recognized as an essential element for our students’ success. The scope and quality of their continuing scholarly/creative work contributes to the excellence of our learning environment.
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William Hampton Adams
Associate Professor of Anthropology

Publications:


Simone Aloisio  
Assistant Professor of Chemistry  

Publications:  
“Complexes of Hydroperoxyl Radical with Glyoxal, Methylglyoxal, Methylvinyl Ketone, Acrolein, and Methacrolein: Possible New Sinks for HO2 in the Atmosphere?” (with J. S. Francisco) in *Journal of Physical Chemistry A*, v107, pp. 2492-2496.  

“Processing of Unsaturated Organic Acid Films and Aerosols by Ozone” (with Eliason, T.L.; Donaldson, D.J.; Cziczo, D.J.; Vaida, V) in *Atmospheric Environment*, v37, pp. 2207-2219.  


Harley Baker  
Assistant Professor of Psychology  

Publications:  


*Defense Department program uses O*NET data to expand career opportunities for youth* (with Department of Labor). 2003. Washington, DC:  


Exhibitions/Presentations:


Terry Ballman
Associate Professor of Spanish

Publications:


Exhibitions/ Presentations:
“Interacción y comunicación” at the 7th Annual Congreso de Didáctica del Español, Indianapolis University-Purdue University at Indianapolis, IN, Sept. 28, 2002. [Keynote]
Robert Bleicher
Assistant Professor of Education

Publications:


Exhibitions/Presentations:
Rainer Buschmann  
Assistant Professor of History

Publications:  


Exhibitions/Presentations:  

Lillian Castaneda  
Professor of Education

Publications:  


“Designing Programs for the 21st Century: Practice and Research Informing Program Development for English Learners, Preservice Teachers and Teacher Educators” (with Rios, F., Ulanoff, S., Green, J.S., and D. Whitehorse) in *Examining Practices in Multicultural Education*. College Station, TX.

Exhibitions/Presentations:


Grants and Other Activities:


“Developing Language and Literacy for English Speakers and English Language Learners.” (April, 2003). The Nebraska Department of Education, Omaha, Nebraska.

**Renny Christopher**  
**Associate Professor of English**

**Publications:**


**Exhibitions/Presentations:**


William Cordeiro  
Professor of Management

Publications:


Exhibitions/Presentations:
“Perspectives on Business Ethics” at Senior Summer School, July 8, 2003 in Oxnard, CA.


“Leadership and Ethical Perspectives” at Los Angeles County Training Academy course on Fiscal Operations, in Alhambra, CA in September 2002.

“Using Student Assessment to Evaluate Curricula” (with J. Karp and K. Volkan) at Western Association of Schools & Colleges (WASC) Conference - Continuing the Dialogue: Using Accreditation to Enhance Student Learning, San Diego, March 10-12, 2002.

Irina Costache
Associate Professor of Art

Exhibitions/Presentations:


*Grants and Other Activities:*
“Shouts, Whispers and Cheers”, catalogue coordinator and introductory essay.

**Nikolaos Diamantis**  
Assistant Professor of Mathematics

*Publications:*


*Exhibitions/Presentations:*
Invited Lecture at the Mathematics Seminar of University of Crete (July 2002).

Invited Lecture at the UCSB Seminar of Geometry and Arithmetic (February 2003).

**Geoffrey Dougherty**  
Professor of Physics

*Exhibitions/Presentations:*
A colloquium entitled “Recollections of Kuwait: Life and Research” at the Department of Physics and Astronomy, CSU Northridge. April 9, 2003.

Jeanne Grier  
Assistant Professor of Education

*Exhibitions/Presentations:*  

Ivona Grzegorczyk  
Professor of Mathematics

*Publications:*  


*Exhibitions/Presentations:*  
“Mathematics Project Leadership Institute - Probability and Statistics in Educational Settings” - (with C. Wyles) series of lectures, California Lutheran University, June 2003.


Mathematics Colloquium - Topics in Geometry - University of Massachusetts, May 2002.

Mathematics Project Leadership Institute - Geometric Thinking - series of lectures, California Lutheran University, June 2002.


CSUPERB Bioinformatics conference, Pomona, CA, January, 2002 - panel member.

Grants and Other Activities:
T.E.C.H./ Equity Project (with B. Thorpe and D. Nissen) - $744,919 (3 years).

EUROPOJ travel and research grant - $2,000, Portugal, July 2003.


SUN Corporation equipment grant - $40,000, November, 2002.

California Mathematics Project (with Y. Lux, California Lutheran University), $570,000, January 2002-2005.

“AlgebraLab.” An online quiz/homework system (all word problems) for students in Intermediate Algebra at CSUCI. With Bill Wolfe, Brian Howe, Mike Maisel. Implemented in Fall 2003.

Jacquelyn Kilpatrick
Professor of English

Exhibitions/Presentations:
Grants and Other Activities:

“Imaging Indians” at Senior Summer School, July 10, 2003 in Oxnard, CA.


Jack Reilly
Professor of Art

Publications:


Exhibitions/Presentations:
Solo Exhibition, Ventura College New Media Gallery, Ventura, CA. 2003.
Electronics Alive, Scarfone/Hartley Galleries, University of Tampa, FL. 2003.


Kansas City Film Festival Jubilee, Kansas City, KS. 2002.

Retrospective Exhibition: Channel Islands Art Center, Camarillo, CA. 2002.

CSUCI Faculty Exhibition, Channel Islands Art Center, Camarillo, CA. 2002.


Studio Channel Islands Art Center Invitational, Camarillo, CA. 2001.

Grants and Other Activities:
Panelist, City of Ojai Public Arts Program, Ojai, CA. 2003.


Featured Artist, Focus on the Masters, Ventura CA. 2002.

Juror, Student Art Exhibition, Ventura College, Ventura, CA. 2002.

CSU Media Arts Festival, Campus Coordinator. 2002.

Special Jury Award for Short Drama, Silver Sprocket Film Competition, FL. 2002.

Panelist for the City of Ventura Cultural Affairs Division. Reviewed grant submissions and made recommendations for public funding to artists and community art organizations. 2001.


Bautzer Faculty Award Recipient for University Advancement, California State University Channel Islands. 2001.

Peter Smith
Professor of Computer Science

Grants and Other Activities:

Kevin Volkan
Professor of Psychology

Publications:


Grants and Other Activities:


Ching Wang  
Professor of Biology

Exhibitions/Presentations:  

Grants and Other Activities:  
Received the Bautzer Faculty Advancement Award from the CSU System, Division of University Advancement, April, 2003.
William Wolfe  
Associate Professor of Computer Science  

Publications:  
“Student Peer Reviews in an Upper-Division Mathematics Class,”  

Exhibitions/Presentations:  

Grants and Other Activities:  


“Online Peer Review System.” Allows students to review each others homework, submit comments and scores. Includes modification for writing exercises.  

“MathLab.” An online quiz system (all word problems) for students in Intermediate Algebra at CSUCI. With Brian Howe, Ivona Grzegorczyk, Mike Maisel. Implemented in Fall 2003.  

“Student Scheduler.” An online scheduling system.  

“Discussion Board for International Students.” An online discussion system for students around the world. With Ashish Vaydia and Irina Costache.  

“Part Time Faculty Hiring System.” An Access application that facilitates the process of hiring part time faculty at CSUCI. With Brian Parra and Ed Fang.
“Online Curriculum Development System.” An online system for adding, editing and deleting courses from any curriculum. Includes: textbooks, learning goals, topics, and responsible faculty. Automates the production of “Course Proposal” forms.

“Millionaire.” An online system of quiz questions that poll the class for their response, and then shows a summary chart of the class-wide response. (Based on the TV Program Who Wants to be a Millionaire). A tool for leading into a classroom discussion. Implemented in Spring and Fall 2003.


Mark Zacharias
Assistant Professor of Environmental Science and Resource Management

Publications:


Exhibitions/Presentations:
“Marine habitat assessment as it relates to Arctic biodiversity assessment.” Invited speaker to the Arctic Coastal Dynamics (ACD) project, November 10-13, 2003, St. Petersburg, Russia.
“Introduction to marine classification and habitat mapping.”  
Marine Habitat Classification Workshop, May 27, 2003. Moss  
Landing Marine Labs. Hosted by the California Department of  
Fish and Game.

“Marine monitoring and ecological classification.” Channel  
Islands Marine Protected Areas Socioeconomic and Biological  
Monitoring Workshop. March 14-16, 2003, University of  
California, Santa Barbara. Hosted by the Channel Islands  
National Marine Sanctuary and California Department of Fish  
and Game.

Grants and Other Activities:
Province of British Columbia, Ducks Unlimited, Fisheries and  
Oceans Canada. “Development of probabilistic models of marine  
wildlife - intertidal habitat associations in Hecate Strait and  
Queen Charlotte Sound: An assessment of vulnerability and  
sensitivity to offshore development.” ($40,000). Principal  
investigator.

Province of British Columbia. “Characterizing coastal and marine  
habitats to develop management and conservation guidelines” ($80,000).  
Co-investigator with the Whale Research Laboratory, University of  
Victoria.