

News From Around the CollegeBiology

Dr. Sandra Banack is currently working on a paper that will be published in the Proceedings of the National Academy of Science. Her article will be listed as: *Diverse taxa of cyanobacteria produce BMAA, a neurotoxic amino acid*, Co-Authors: Paul Alan Cox, Sandra Anne Banack, Susan J. Murch, Ulla Rasmussen, Georgia Tien, Robert Richard Bidigare, James S. Metcalf, Louise F. Morrison, Geoffrey A. Codd, and Birgitta Bergman

Sarah Millus, Kelly Connell and Cindy Duong, who do research in the laboratory of **Dr. Kathryn Dickson**, were awarded Fleckles Awards for travel to scientific conferences with their advisers. An awards ceremony, with **Dr. Giles Brown**, who has donated the funds to support this award and the university graduate committee, was held on February 18th.

Cindy Duong, a graduate student in the Dickson lab, presented the results of her soon-to-be-completed thesis research project at the Annual meeting of the Society for Integrative and Comparative Biology (SICB), held January 4th-8th in San Diego, CA. The title of her talk was, *The contribution of mitochondrial proton leak as a heat source in lamnid sharks*.

Melissa Romero has been chosen as one of 26 students systemwide for the CSU Louis Stokes Alliance for Minority Participation (CSU-LSAMP) Scholars Program. She has been awarded \$2,500 to attend a summer course at Friday Harbor Laboratories at the University of Washington. Melissa is currently participating in the Southern California Ecosystem Research Program, which examines environmental and ecological issues. Melissa plans to earn a master's degree and possibly a Ph.D. in biology. The California State University-Louis Stokes Alliance for Minority Participation (LSAMP) Program is a statewide program dedicated to increasing the number of students from under-represented minority groups graduating from campuses of the California State University with baccalaureate degrees in science, technology, engineering, and mathematics disciplines. Funded by the National Science Foundation.

Diana Lloyd won an ASI research grant for \$450 to purchase a Van Dron water sampler.

Chemistry and Biochemistry

Pia Hamer was recently awarded a Chemistry NSF-REU Leadership Group Travel Award to partially fund her travel to present her REU summer research at the Spring 2005, American Chemical Society meeting in San Diego. Pia has worked in Dr. Linder's laboratory and her work focuses on research in the area of regulation of copper transport proteins in liver and mammary cells. Her paper is entitled, *Uptake of ⁶⁴Cu by HEP G2 Cells and Purification of a2M*.

Drs. Christopher Meyer and Katherine Kantardjieff have recently been awarded a five year National Science Foundation Grant of \$800,000 for their proposal entitled, *RUI: Regulation of Diverse Bacterial ADP-Glucose Pyrophosphorylases*.

Dr. Harold Rogers has been selected to be included in the ninth edition of *WhoWho's Among America's Teachers, 2005*.

Geological Sciences

Kelly Bovard, part-time faculty in Geological Sciences, was interviewed by KCBS Channel 2 (airing Thursday, February 24 at 11:00 pm) regarding her work on landslide hazard maps of Orange County.

Dr. Diane Clemens-Knott was invited to participate in an NSF-sponsored workshop at the College of William and Mary, February 24-26 entitled *Geoscience Departments: Developing pathways to strong programs for the future*. She presented a poster on on-campus recruitment of geology majors: *Developing service-learning alternatives to Physical Geology*.

Dr. Jeffrey Knott, Assistant Professor of Geological Sciences, was an in-studio guest on KOCE's *Real Orange*. He commented on the landslides in Orange County residential neighborhoods.

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[NSM News Continued...](#)[Mathematics](#)

Dr. Mori Jamshidian is a principal investigator on a project supported by the National Science Foundation titled “*Development of Statistical Modeling Methods for Analysis of Social and Behavioral Science Data with Nonignorable Nonresponse*.” This is a collaborative project with Ke-Hai Yuan at University of Notre Dame. The project began December 2004, and will be supported for three years by NSF in the amount of \$337,000.

Dr. Martin Bonsangue presented two papers on strengthening mathematics teaching and learning at the secondary and university levels at the International Conference of Statistics, Mathematics, and Related Fields in Honolulu on January 8, 2005.

Dr. Martin Bonsangue and **Ms. Kathy Lewis** presented a series of four workshops in mathematics in January and February to the mathematics teachers of Los Alisos and Corvallis Middle Schools. These workshops were aimed specifically on developing effective lessons based on the essential 6th, 7th, and 8th grade California standards in mathematics.

Dr. Ernie Solheid was nominated by the Southern-Nevada Section of the Mathematics Association of America for a meritorious service award. Dr. Solheid has been the Meeting Coordinator of the Southern California-Nevada section for seven years and has worked on coordinating the conference sites for Spring and Fall meetings of the section.

Each spring, many of the best and brightest high school mathematics students in America are invited to participate in the American Invitational Mathematics Examination (AIME). Their selection is based upon performance in an American Mathematics Competition exam given in the winter. This year, **Dr. Scott Annin** and **Dr. Bogdan Suceava** have joined a team of faculty at Chapman University in Orange as speakers for a series of seminars at Chapman designed to help prepare high school students for the AIME exam. This year’s AIME examination is March 8, 2005.

[Recently Published Articles:](#)

Charles H. Lee and Hien T. Tran, *Reduced-Order-Based Feedback Control of the Kuramoto-Sivashinsky Equation*, Journal of Computational and Applied Mathematics, Vol. 173, (2005), 1-19.

Jamshidian, M., Liu, W., Zhang, Y., and Jamshidian, F. (2005), *SimReg: A software including some new developments in multiple comparison and simultaneous confidence bands for linear regression models*, Journal of Statistical Software, 12, issue 2, 1-23.

Jamshidian, M. (2004), *On algorithms for restricted maximum likelihood estimation*, *Computational Statistics and Data Analysis*, 45, 137-157.

Kantardjieff, K. A., Jamshidian, M., and Rupp, B. (2004). *Distributions of pI Versus pH Provide Prior Information for the Design of Crystallization Screening Experiments: Response to Comment on ‘Protein Isoelectric Point as a Predictor for Increased Crystallization Screening Efficiency’*, *Bioinformatics*, 20, 2171-2174.

Jamshidian, M. (2004), *Strategies for analysis of missing data*, In *Handbook of Data Analysis*, (M. Hardy, and A. Bryman Eds.), Sage Publication, 113-130.

Liu, W., Jamshidian, M., and Zhang, Y. (2004), *Multiple comparison of several linear regression lines*, *Journal of the American Statistical Association*, 99, 395-403.

Zhang, Y. and Jamshidian, M. (2004), *On algorithms for NPMLE of the failure function with censored data*, *Journal of Computational and Graphical Statistics*, 13, 123-140.

Cal State Fullerton Asian Faculty and Staff Association Book Scholarship

Established by: This award was established by the Asian Faculty and Staff Association to recognize academic achievement, active involvement in the local and/or campus community and demonstrated financial need.

Amount: Up to three \$250 scholarships will be awarded.

Open to: This award is open to CSUF full-time undergraduate and graduate students except previous AFSA scholarship recipients.

Criteria: 3.0 GPA for undergraduate students, 3.5 GPA for graduate students, Financial need, Community involvement

Application Procedure:

1. Download application from the AFSA WEB Site at <http://www.fullerton.edu/afsa/> or obtain a copy from the office of Dr. Ellen Junn, Associate Dean, College of Human Development and Community Service in EC-324; or the office of the Assistant Dean of Humanities and Social Sciences in H-211 or H112, H&SS Student Access Center.
2. Complete **page one** of the ASFA application form.
3. Write a 500-word, typed essay that responds to the seven questions on **page two** of the ASFA Application.
4. Enclose the following supporting documents with your application:
 - a. One letter of recommendation from faculty or staff;
 - b. Titan degree audit report;
 - c. Financial aid award summary from Titan Online (if you are a financial aid recipient).

Application Deadline: Postmark deadline - Friday, March 12, 2005. *Scholarships will be awarded at the AFSA reception at the President's House on Wednesday, April 13, 2005.*

**Send applications to:
Committee** **Asian Faculty and Staff Association Scholarship Selection**

c/o Michael Paul Wong
H-211
Cal State Fullerton
800 N. State College Blvd.
Fullerton, CA 92834 FAX 714-278-5052

**For more
information contact:** Susan Balderama at (714) 278-7804 or email: sbalderama@fullerton.edu
Jie Tian at (714) 278-2569 or email: jtian@fullerton.edu
Fran Zareh-Smith (714) 278-3986 or email: fzareh-smith@fullerton.edu



SOCIAL JUSTICE STUDENT SUMMIT
Friday, April 8, 2005
California State University Fullerton
Titan Student Union

Join college students involved in community service, civic engagement, advocacy, justice and activism to share strategies, learn from community leaders and become empowered to increase active participation in our democratic process.

- Keynote speakers bringing you presentations of substance that offer information, entertainment and inspiration.
- Dozens of interactive, thoughtful and stimulating workshops on the civil rights, environmental and labor movements; community service, media, racism and community organizing workshops and development and activism seminars.
- Civic engagement round table luncheon highlighting opportunities to volunteer, conduct internships, and gain employment at local and national nonprofit, political and social justice organizations.
- Academic presentations by your peers surrounding their research and recommendations related to social justice.

To find all of the information you need about the Social Justice Student Summit, registration, and workshop submission visit: <http://www.fullerton.edu/deanofstudents/Volunteer/apathy.htm>

**** Registration Deadline: Wednesday, March 31, 2005**

Registration fee is \$5 for CSUF students and \$10 for general public. Registration fee includes keynote, all workshops, handouts and other printed material, and lunch.

Volunteer & Service Center | Titan Student Union Rm. 2 | (714) 278-7623 | volunteer@fullerton.edu | www.fullerton.edu/deanofstudents | another program from the Office of Student Life, Dean of Students & Student Affairs | "Hey..It's your world! Change it!"

Opportunity Center (MH 488) Spring 2005 Tutor Schedule

	M	T	W	TH	F
9:00	Rosanne	Rosanne (after 9:30)	Rosanne	Rosanne (after 9:30)	
10:00		Rosanne until (10:30)		Rosanne Shivani	
11:00				Rosanne until (11:30)	
12:00		Anthony (after 12:45)		Shivani (until 12:45) Anthony (after 12:45)	
1:00		Anthony Julia	Anthony (after 1:30)	Anthony Julia	
2:00		Anthony (until 2:30) Julia	Anthony Shivani	Anthony (until 2:30) Julia	
3:00			Anthony Shivani		
4:00	Shivani	Andrew Shivani	Shivani	Andrew Shivani	
5:00	Shivani (until 5:15)	Shivani (until 5:30)		Shivani (until 5:30)	

Biology
Andrew 310
Julia 172
Rosanne 171, 172, 273, 274

Chemistry
Andrew 120a/b, 421
Anthony 120a, 301a/b, 421, 423b,
445, 535
Julia 120a/b, 031a/b
Rosanne 120 a/b, 421
Shivani 120a

Physics
Julia 212
Rosanne 211, 212
Shivani 211

Math
Shivani 115, 125, 150a

March is Women's History Month

CSUF and the Women's Center will sponsor several events celebrating Women's History. For more information please go to <http://campusapps.fullerton.edu/womencenter/>

WRITING CENTER WORKSHOPS
Spring 2005



We invite all CSUF students to attend these workshops on topics related to college essay writing. Focusing intensely on one particular topic, they are a useful addition to the one-on-one tutorial sessions we also offer.

Workshops are open to all CSUF students,
but seating is limited.

Workshop topic	Date	Time	Location
Subject/Verb Agreement	March 2	12-1 p.m.	MH45
Organization	March 7	1:30-2:30p.m.	MH45
Sentence Clarity	March 9	4-5 p.m.	MH45
Figurative Language	March 15	12:30-1:30p.m.	TBA
Thesis statements	March 17	10-11 a.m.	MH45
Commas	March 18	1-2p.m.	MH45
Transitions	March 25 th	12-1 p.m.	MH45
Conclusions	April 6	10-11 a.m.	MH45
Run-on sentences	April 26	1-2p.m.	MH45
Editing and Revising	May 6	12-1p.m.	TBA

The University Leadership Conference is Coming
Saturday, March 19th, 2005

Titan Student Union, Cal State Fullerton

8:00 a.m. to 5:00 p.m.

Conference Information:

Dean of Students (TSU Room 235)

(714) 278-3211

<http://www.fullerton.edu/deanofstudents>

For registration information or questions contact:

Juanita Razo

at (714) 278- 3211 or jrazo@fullerton.edu

Anne Kohlmeier,

(714) 278-3211 ak106393@student.fullerton.edu

The cost of the Conference
before (3/11/05):

CSUF Students \$10

Non CSUF Student \$15

Advisors \$20

After (3/12/05):

CSUF Students \$15

Non CSUF Student \$20

Advisors \$25

NSM Seminar Schedule

Chemistry and Biochemistry

Seminars meet Thursdays at 4:00 p.m in MH-468

March 3

Structure and Function of Nitric Oxide Synthetase and the Prospects of Structure Based Drug Design
Dr. Thomas Poulos
Dept. of Molecular Biology & Biochemistry UCI

March 10

Microbial Catalysts for Detoxifying Environmental Pollutants
Dr. Frank Loeffler Department of Civil & Environmental Engineering CSULA

March 17

TBA
Dr. Gordon Lithgow
Buck Institute Novato, California

March 24

TBA
Graduate Student
Department of Chemistry & Biochemistry CSUF

Geological Science

Seminars meet Wednesdays at 4:30 p.m. in MH-327 (unless otherwise noted)

March 2

Volcanology job talk
Volcanology candidate

March 16

Chitons from Ancient and Modern Seas
Doug Eernisse, CSUF Biology

March 23

The Great Martian Climate Change
Gary Petersen, SDSU

Biological Science

Seminars meet Wednesdays at 5:00 p.m. in MH-513

March 9

A Comparison of the Vegetation Structure and Biodiversity Richness in the Mediterranean Type Ecosystems in Lebanon and California
Youssef Atallah
University of Hohenheim

March 16

Dr. Douglas Eernisse
Department of Biological Science, College of Natural Sciences & Mathematics

March 23

Dr. Michael Horn
Department of Biological Science, College of Natural Sciences & Mathematics



Scholarship & Volunteer Opportunities

Dorothy M. Hagan and Juanita W. Hicks Achievement Scholarship

Amount: \$1,000
Criteria: Merit and Financial Aid
Open to: Current CSUF Students in any course of study.
Deadline: March 14, 2005

Application Procedure:

1. Complete the Hagan Hicks Scholarship application form available in the Office of Vice President for Academic Affairs, **McCarthy Hall, Room 133**;
2. Submit two letters of recommendation, as noted on the application form.
3. To establish financial need, complete a *free* Application for Federal Student Aid (FAFSA), or have a completed and current one on file.; and
4. Submit completed application and letters of recommendation in a sealed envelope to:

Hagan/Hicks Achievement Scholarship
 CSUF
 Office of Academic Affairs
 McCarthy Hall, Room 133
 Fullerton, CA
 (714) 278-2614



CHICANO/LATINO FACULTY STAFF ASSOCIATION SCHOLARSHIP

Go Online to the website for information and instructions, then download the University scholarship & award application:

<http://www.fullerton.edu/deanofstudents/CLFSA>

Application Deadline: March 10, 2005

Submit application to:
 Chicano/Latino Faculty & Staff Association
 Selection Committee
 Chicano Resource Center, PLS 170A
 California State University, Fullerton
 P.O. Box 4150

Volunteer and Service Center

1-31 Hygiene Collection Drive-drop off you hotel sized and extra toiletries to be donated to OC Rescue Mission. Drop off at VSC-TSU Rm.2

Sat., 5 *Working Wardrobes for a New Start*- Sort donations @ donation facility (Fountain Valley). 8:45 a.m.- 2 p.m. (limited number of participants)

Sat., 5 *Corazon de Vida* trip to Orphanages to visit, play and interact with children in Baja, Mexico. Requires \$25 donation and RSVP at least one week prior to trip. Leave OC at 6 a.m. return 5:30 p.m.

Tues., 22 CommUNITY connection, arts and crafts at Orangewood Children's Home, 5:45 p.m.-8 p.m.

Tues., 29 Field Gleaning to collect produce in the fields with Orange County Harvest-Irvine. 8:45 a.m. - 11:00 a.m.

Wed., 30 Habitat Restoration at Tucker Wildlife Sanctuary-Modjeska Canyon. 8:45 a.m. - 12 noon.

Thu., 31 Cesar Chavez Day of Service, *Pack a Box* food packaging at Orange County Food Bank, Garden Grove. 8:45 a.m. - 12 noon

For more information please contact the Volunteer and Service Center:

CSUF Volunteer & Service Center
 TSU Rm. 2
 (714) 278-7623
volunteer@fullerton.edu