Dr. Kathryn Dickson was appointed chair of Biological Science. She previously served as acting chair.

Dr. Marcelo Tolmasky and coauthors published an article in the journal *Clinical Microbiology and Infection* entitled “Multidrug-resistant (MDR) *Klebsiella pneumonia* clinical isolates: a zone of high heterogeneity (HHZ) as a tool for epidemiological studies.”

Dr. Doug Eernisse presented a symposium talk at the Western Society of Malacologists annual meeting held in June 2012 at UC Santa Cruz. He was also a co-author on two other presentations made by undergraduate students working with him, Bryan White (now a new master’s student in Dr. Eernisse's lab) and Chris Gallina.

Dr. Lesley Brooker is visiting Dr. Eernisse’s lab from June to October, 2012. She is on sabbatical from her faculty position at the University of the Sunshine Coast, Queensland, and is collaborating with Dr. Eernisse on the phylogeny of chitons with shell eyes worldwide.

This summer, Dr. Melanie Sacco traveled to the Canadian Phytopathological Society meeting and presented a talk:

Dr. Sacco traveled to Plant Biology 2012, the annual meeting of the American Society of Plant Biologists with two master’s students in her lab, Ken-Der Wang and Kevin Wu. They each presented a poster:

Wang, K.D. & Sacco, M. A. (July 2012) Dissecting Functions of P0 Protein from Beet Western Yellows Virus in Evasion and Elicitation of Plant Defenses. Poster session presented at Plant Biology 2012 in Austin, Texas.

The spring 2012 offering of Biology 417 – Advances in Cell Biology, taught by Dr. Merri Lynn Casem, took a different approach to its curriculum. The course was organized around the contributions of the HeLa cell line to our understanding of how cells function. HeLa was the first immortalized human cell line, established in the 1950’s from cervical cancer cells removed from an African-American woman, Henrietta Lacks. While many important scientific discoveries can be attributed to the availability of the HeLa cells, controversy continues to surround the establishment and subsequent marketing of the cell line. Drs. Lezlee Hinesmon-Matthews (African American Studies) and John Davis (Philosophy) contributed their perspectives on the social and Bioethical issues. In addition to a survey of primary scientific literature, the class also read and discussed Rebecca Skloot’s book, The Immortal Life of Henrietta Lacks.

At the final class meeting, the students composed haiku poetry reflecting on the HeLa theme:

HENRIETTA LACKS
GOT SOME CERVICAL CANCER
DIED IN FIFTY THREE
(Laura T)

HENRIETTA LACKS
WE TOOK CELLS FROM HER CERVIX
WITHOUT HER CONSENT
(John D)

CONSENT WAS NOT THERE
CELLS AND SOUL WERE BOUGHT AND SOLD
SCIENCE MARCHES ON
(Krystal C)

MEANT NOTHING BACK THEN
THE DEATH OF A POOR BLACK MOM
MEANS EVERYTHING NOW
(Elizabeth H)

SCIENCE MAJORS’ GAIN
WAS A FAMILY’S MAJOR PAIN
HENRIETTA LACKS
(Lori H)

HENRIETTA LACKS
DIED SENSELESS BUT MEANINGFUL
NOW WE HAVE HE LA
(Elizabeth H)

HENRIETTA LACKS
VERY HELPFUL IN RESEARCH
THE SACRIFICIAL LIFE
(Noopur D)

POLIO VACCINE
RID POLIO FROM THE WORLD
ALL THANKS TO HE LA
(Ben S)

URBAN LEGEND STATES
HELA WILL LAST FOREVER
LIKE HOSTESS TWINKIES
(Wendy O)

THE IMMORTAL LIFE
SUPERWOMAN OF SCIENCE
HENRIETTA LACKS
(Noopur D)

IMMORTAL CELL LINE
GROWING IN A THOUSAND LABS
REVEALS IT SECRETS
(Merri C)
A manuscript submitted by Dr. Zhuangjie Li’s group to the Journal of Physical Chemistry A has been accepted for publication:

Zhuangjie Li and Baoquan Zhang, “Experimental and Theoretical investigation of Homogeneous Reaction of CO₂(g) + nH₂O(g) + nNH₃(g) → Products (n = 1, 2)”.

The Fall 2010 GEOL 575 - Quaternary Geology class published a journal article based on the class project:


The first Colleagues Colloquium of the year is on October 2, 2012 at 7:30 am at the Fullerton Marriott Hotel adjacent to campus. Dr. Jere Lipps, Director of the John D. Cooper Archaeological and Paleontological Center, will be speaking on the past, present and future of Orange County’s collection of fossils dating back 180 million years and its collection of archaeological artifacts dating from 13,000 years ago. CSUF has partnered with Orange County to preserve and manage these items from our area’s distant past.

The Cooper Center and OC Parks will celebrate National Fossil Day™ and National Archaeology Month by offering the public opportunities to learn more about OC’s rich historical record. Staff and volunteers from the Cooper Center will exhibit items from the collection of fossils and archaeological artifacts on Saturday, September 29, 2012 at Caspers Wilderness Park in San Juan Capistrano; on Sunday, October 7, 2012 at the Santa Ana Zoo in Prentice Park; and on Saturday, October 13, 2012 at Ralph B. Clark Regional Park in Fullerton. Visit www.facebook.com/orangecountypaleo for more information.
Dr. Bogdan D. Suceava was the guest speaker in the Colloquium Series at the California State University of Fresno’s Department of Mathematics. The talk was titled “Geometries Induced by Logarithmic Oscillations and their Natural Extensions.” Dr. Suceava will present a talk of similar content in the colloquium series at Fullerton College on September 26, 2012.

Dr. Angel Pineda and Antonio Gonzalez (graduate from the CSUF master's program in applied mathematics) published a peer-reviewed journal article this summer:


Four CSUF undergraduate research students whom Dr. Pineda mentored—Anne Calder, Eden Ellis, Li-Hsuan Huang and Kevin Park—published a peer-reviewed journal paper this summer:


Project MT2, funded by the National Science Foundation, began its third year of a five-year cycle this summer with a week-long mathematics institute for 30 middle school and high school teachers. The project aims to strengthen mathematics teaching and learning in entry-level middle school and high school math courses, including pre-algebra, algebra 1, and geometry. The project includes ten Master Teaching Fellows and twenty Teaching Fellows working closely together to achieve, among other goals, teaching credentials, master’s degrees, and National Board Certification. In May 2012 the Fellows presented at the Technology Enhanced Classroom Initiative (TECI) Symposium at CSUF. Presentations by the Fellows were also made at professional conferences, including the national Noyce meeting in May 2012 in Washington, DC by co-teaching Fellows Thomas Duarte and Susanne Mesa (pictured at right presenting their poster). Project MT2 is led by Drs. Marty Bonsangue, Mark Ellis, and Ruth Yopp-Edwards.
The Department of Mathematics hosted the first session of the Fullerton Mathematical Circle on the morning of August 25, 2012. Over 60 students from grades 2-12 attended the event in two sessions. In the Junior Session, Dr. Adam Glesser introduced his audience to challenging problems appropriate for grades 2-6. In the Senior Session, Dr. Bogdan Suceava presented several olympiad problems with inequalities. The talk culminated with the solution of one of the problems proposed in the International Math Olympiad that took place in Mar del Plata, Argentina in June 2012.

In the second half of the Fullerton Mathematical Circle, several students presented their solutions to problems from the Romanian monthly journal Gazeta Matematica. The students attending the sessions of the Fullerton Mathematical Circle had solved problems from Gazeta Matematica during the last year, submitting a total of 49 solutions to the editor. Several times the Southern California students’ solutions have been acknowledged by the editor in the Solvers section. The following students presented solutions on August 25, 2012: Nikolay Grantcharov (from M.L. King High School, Riverside), Bryan Brzycki (from Troy High School, Fullerton), Brendan Brzycki (from St. Mark’s School), Kyle Kishimoto (from Fairmont Private School), and Joshua Park (from Columbus Middle School, Tustin).

In a ceremony, the Fullerton Mathematical Circle presented Diplomas of Excellence issued by the office of the President of the Romanian Society of Mathematical Sciences (a Reciprocating Society of the American Mathematical Society) to the following students: Bryan Brzycki, Brendan Brzycki, Alex Glesser, Nikolay Grantcharov, Anagul Ibragimova, Rasul Ibragimov, Ruslan Ibragimov, Kyle Kishimoto, Joshua Park, Samantha Rumford, Albert Suceava, Henry Sun, Emily Yao, and Grace Yao. Additionally, CSUF graduate student Carol Kempiak received an Educator’s Diploma of Excellence for her work on behalf of the students attending the Fullerton Mathematical Circle.

During the academic year 2012-2013, the Fullerton Mathematical Circle is funded through a Mathematical Association of America Dolciani grant and is supported by the work of six facilitators who are CSUF undergraduate students: Charley Conley, Lucy Odom, Kelly Hartmann, Brady Gardener, Duy Ngo, and Rebecca Etnyre.

Department of Physics

- Dr. Keith H. Wanser co-authored "High Accuracy Optical Inverse Square Law Experiment Using Inexpensive Light to Frequency Converters" with students Steve Mahrley and Joshua Tanner and published in Vol. 47, No. 2 of Physics Education. The article has been highlighted as a top download.

- On September 28, 2012 the College of NSM will celebrate the opening of the Gravitational-Wave Physics and Astronomy Center. Dr. Josh Smith is the Center Director.

- Dr. Patricia Cheng was awarded a 3-year National Science Foundation grant. The award gives Professor Cheng $152,689 over three years to support her project entitled “A Spectroscopic Survey of Circumstellar Gas in Lambda Boo Stars.” She has extensive experience in conducting research in the areas of debris disks and extra-solar planets. She plans to determine the percentage of Lambda Boo stars with both circumstellar dust and gas, and to analyze statistically the group properties of this class of stars. With these results, Dr. Cheng will be looking to better discriminate between current theories explaining the Lambda Boo phenomenon and give better insight into planet formation. The grant will provide support for two student research assistants each year. These NSF grants are always highly competitive, as the program supports astrophysics research at a wide variety of institutions in every discipline of astrophysics. This year the competition reached record levels, with fewer than one in six proposals submitted to the Astronomy & Astrophysics Research Grants program accepted for funding. Dr. Cheng is also the principle investigator of another current grant from NASA.
Best of Luck to Dr. Rochelle Woods who has taken on the role of Interim Director of the University Learning Center.

Rochelle was the Assistant Dean for Student Affairs of the College of NSM from 2000 to 2012. She contributed greatly to the success of students and was an integral member of the Dean’s Office team and CNSM.

We look forward to collaborating with her in her new role.

Drop by her new office at the Pollack Library (PLN-209) and wish her the best at her new position!

Ms. Amy Mattern has been appointed Interim Assistant Dean for Student Affairs in the College of NSM. Previously, Amy was the Program Development Specialist, Educational Enhancement Programs, helping to establish and design programs to enhance educational opportunities for low-income, first generation and/or underrepresented background students. In 2005, Amy moved into the Coordinator of the Volunteer & Service Center position under the Dean of Students Office where she facilitated student leadership development, campus and community collaborations, and the annual Social Justice Summit. Amy received her B.A. in American Studies & Psychology with Summa Cum Laude from UC Davis and her M.A. in American Studies at Cal State Fullerton.

Drop by Amy’s office at the Opportunity Center (MH-488) to say hello!

In Memoriam – Kenneth Goodhue-McWilliams

Kenneth L. Goodhue-McWilliams, a zoologist and emeritus professor of biological science who served 33 years at CSUF and founded a scholarship for future physicians and students pursuing careers in other health professions, passed away Aug. 8 following a lengthy illness. He was 72 years old.

Goodhue-McWilliams also supported students with the Kenneth Goodhue-McWilliams First Instar and Metamorphosis awards for teaching excellence, which recognized graduate teaching associates in the Biological Science Department. Throughout his career and retirement, the educator donated approximately $20,000 to student awards, scholarships and campus programs.

He retired in 2001 and is survived by his wife, Nancy, son John, stepdaughter Leanne LeDuc, older brother Charles McWilliams and cousins Denise and Gary Williams.

Adapted from a CSUF News article.
The first annual Summer Research Symposium took place on Friday, August 10, 2012. The event provided an opportunity for students in undergraduate research programs to showcase their summer research activities with their faculty mentors. All STEM summer research scholars were given the opportunity to present their posters. Faculty mentors and family members of students who participated were invited to celebrate these students' accomplishments and examine their research.

This forum not only provided an opportunity for students to present their research, it also allowed students to experience the other research that is being produced around campus by their peers. The Symposium was an excellent way for students to foster their professional development through the presentation of their research, and to enhance their resumes.

The 2012 Summer Research Symposium was a partnership between Math Summer Research Program, (STEM); HHMI, LSAMP, McNair, MARC, BSCR, and SCERP.

Click here to watch the Symposium video!
CSUF is among the top institutions graduating Latino students in science, technology, engineering and math, according to a recent study completed by Excelencia in Education, a Washington, D.C.-based national nonprofit organization with the mission to accelerate Latino student success in higher education.

“Finding Your Workforce: The Top 25 Institutions Graduating Latinos in Science Technology, Engineering and Math (STEM) by Academic Level 2009-2010” is a study that links college completion and the workforce, according to the agency’s website. The study was conducted by Deborah Santiago, co-founder and vice president for policy and research at Excelencia in Education, and Megan Soliz, Excelencia in Education research assistant.

CSUF is listed:
- 5th for master’s degrees awarded to Latinos in mathematics/statistics
- 13th for bachelor degrees awarded to Latinos in mathematics/statistics
- 25th for master’s degrees awarded to Latinos in physical sciences

CSUF’s Project MISS, led by Dr. David Pagni, professor of mathematics and recipient of the U.S. Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, is the lead example cited in the report’s section on “What Works for Latino Students in STEM Programs.” The report indicates that since 1990, Project MISS “has provided an intensive mathematics experience to females from underrepresented ethnic groups. High school girls attend MISS courses in preparatory mathematics at the Algebra II level and above during the summer.” The authors also point out that “Latinas are the largest ethnic group served, accounting for 64 percent of the participants since 1990. The 2012 cohort is 78 percent Latina.”

Adapted from a CSUF News article.

Student researcher Jessica Valadez, left, and Dr. Math Cuajungco, associate professor of biological science, work together in the lab. Photo by Greg Andersen.
### Seminars and Colloquia

<table>
<thead>
<tr>
<th>Department of Biological Science</th>
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<tbody>
<tr>
<td><strong>Speaker:</strong> Arash Adami, Ph.D. candidate, UC Riverside</td>
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<tr>
<td><strong>Title:</strong> Pathophysiology of Juvenile Traumatic Brain Injury: Roles of Edema and a Potential Therapy</td>
</tr>
<tr>
<td><strong>Location:</strong> MH-513</td>
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<tr>
<td><strong>Date:</strong> Wed. Sep. 5, 2012</td>
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<tr>
<td><strong>Time:</strong> 4:00-5:15 pm</td>
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<tr>
<th>Department of Chemistry &amp; Biochemistry</th>
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<tr>
<td><strong>Speaker:</strong> Dr. Sissi Li, CSUF Catalyst Center</td>
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<tr>
<td><strong>Title:</strong> Becoming a Chemist: Step 1, What is a Chemist?</td>
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<tr>
<td><strong>Location:</strong> MH-468</td>
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<tr>
<td><strong>Date:</strong> Thu. Sep. 6, 2012</td>
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<td><strong>Time:</strong> 4:00 pm</td>
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<td><strong>Host:</strong> Dr. Janowicz</td>
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<th>Department of Physics</th>
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<tr>
<td><strong>Speaker:</strong> Brandon Grisanti, Gabriela Serna, Heather Chilton, Cinthia Padilla, George Balch, Daniel Vander-Hyde; CSUF undergrad. students</td>
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<tr>
<td><strong>Title:</strong> Summer Undergraduate Research Reports</td>
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<tr>
<td><strong>Location:</strong> MH 6th floor</td>
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<td><strong>Date:</strong> Fri. Sep. 7, 2012</td>
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<td><strong>Time:</strong> 12:00-1:00 pm</td>
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<td><strong>Host:</strong> Dr. Smith</td>
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<th>Department of Chemistry &amp; Biochemistry</th>
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<tr>
<td><strong>Speaker:</strong> Dr. Phil Janowicz, CSUF</td>
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<tr>
<td><strong>Title:</strong> Seminar on Seminars: More Meta than World Peace</td>
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<td><strong>Location:</strong> MH-468</td>
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<tr>
<td><strong>Date:</strong> Thu. Sep. 13, 2012</td>
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<th>Department of Physics</th>
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<tr>
<td><strong>Speaker:</strong> John S. Briggs, Physikalisches Institut, Universitaet Freiburg</td>
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<tr>
<td><strong>Title:</strong> Max Born’s Legacy to Quantum Mechanics: From Entanglement to Quantum Gravity</td>
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<tr>
<td><strong>Location:</strong> MH 6th floor</td>
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<tr>
<td><strong>Date:</strong> Fri. Sep. 21, 2012</td>
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<tr>
<td><strong>Time:</strong> 12:00-1:00 pm</td>
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<td><strong>Host:</strong> Dr. Feagin</td>
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<th>Department of Chemistry &amp; Biochemistry</th>
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<tr>
<td><strong>Speaker:</strong> Cheryl Sevilla and Jessica Morgan, CSUF undergrad. students</td>
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<tr>
<td><strong>Title:</strong> My Summer Research Experience</td>
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<td><strong>Location:</strong> MH-513</td>
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<tr>
<td><strong>Date:</strong> Wed. Sep. 19, 2012</td>
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<td><strong>Time:</strong> 4:00-5:15 pm</td>
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<tr>
<td><strong>Speaker:</strong> Kip Thorne, Caltech; Gabriela Gonzalez, LSU</td>
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<tr>
<td><strong>Title:</strong> GWPAC Opening Presentations</td>
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<td><strong>Location:</strong> MH 6th floor</td>
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<tr>
<td><strong>Date:</strong> Fri. Sep. 28, 2012</td>
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<tr>
<td><strong>Time:</strong> 12:00-1:00 pm</td>
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<tr>
<td><strong>Host:</strong> Dr. Smith</td>
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**Speaker:** Dr. James Nieh, UC San Diego |
**Title:** TBA |
**Location:** MH-513 |
**Date:** Wed. Sep. 26, 2012 |
**Time:** 4:00-5:00 pm
## Fullerton Mathematical Circle
A program for gifted students in grades 2 - 12. Registration is free. To register, RSVP to bsuceava@fullerton.edu

**Location:** MH-476  
**Time:** 10:00 am  
**Dates:** Sat. Aug. 25  
- Sat. Sep. 8  
- Sat. Sep. 22  
- Sat. Sep. 29  
- Sat. Oct. 6  
- Sat. Oct. 13  
- Sat. Nov. 3  
- Sat. Nov. 10

**Speakers from the CSUF Math Department:**  
Adam Glesser  
Zair Ibragimov  
Todd CadwalladerOlsker  
Bogdan Suceava

**Speakers from the Math Circle Distinguished Speaker Series:**  
Ioan Bejenaru, UC San Diego  
Zhiqin Lu, UC Irvine  
Mihaela Vajiac, Chapman Univ.  
Horia Pop, Mt. San Antonio College  
Adrian Vajiac, Chapman Univ.

## Analysis Seminar
**Speaker:** John Simanyi, UC Riverside  
**Title:** Hyperbolic Construction of the Cantor Sets  
**Location:** MH-476  
**Date:** Thu. Sep. 13, 2012  
**Time:** 12:00-1:00 pm

**Speaker:** Dr. Zair Ibragimov, CSUF  
**Title:** P-adic Numbers, I  
**Location:** MH-484  
**Date:** Fri. Sep. 14, 2012  
**Time:** 1:00-2:00 pm

**Speaker:** Dr. Zair Ibragimov, CSUF  
**Title:** P-adic Numbers, II  
**Location:** MH-484  
**Date:** Fri. Sep. 21, 2012  
**Time:** 1:00-2:00 pm

## Colloquium
**Speaker:** Tom Strubel, Oracle  
**Title:** TBA  
**Location:** MH-476  
**Date:** Wed. Sep 26, 2012  
**Time:** 2:30 pm

## Problem Solving Seminar
**Speaker:** Dr. Bogdan Suceava, CSUF  
**Title:** The Coordinate Geometry of Lines and Circles  
**Location:** MH-380  
**Date:** Mon. Sep. 10, 2012  
**Time:** 2:30 pm

**Speaker:** Dr. Scott Annin, CSUF  
**Title:** How to Identify the Easiest Putnam Problems... and Then SOLVE Them  
**Location:** MH-480  
**Date:** Fri. Sep. 14, 2012  
**Time:** 1:00 pm

**Speaker:** Dr. Adam Glesser, CSUF  
**Title:** The Only Groups Allowed for the Putnam  
**Location:** MH-380  
**Date:** Fri. Sep. 21, 2012  
**Time:** 1:00 pm

**Speaker:** Dr. Bogdan Suceava, CSUF  
**Title:** Using Convex Functions  
**Location:** MH-480  
**Date:** Fri. Sep. 28, 2012  
**Time:** 1:00 pm
### opportunity Center (MH 488) Tutor Schedule

#### Fall 2012

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<td>11:00</td>
<td>Edward</td>
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<td>Laurie (after 10:15)</td>
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**Biology**
- **Edward** 101, 172, 273, 302, 303
- **Kevin** 101, 172, 273, 362
- **Laurie** 101, 171, 172, 273, 274, 303
- **Deep** 101, 171, 172, 273, 274, 303

**Chemistry**
- **Edward** 100, 115, 120 A/B, 200, 301 A/B
- **Kevin** 100, 115, 120 A/B, 200, 301 A/B
- **Deep** 100, 115, 120 A/B, 301 A/B
- **Gordon** 100, 115, 120 A/B

**Physics**
- **Edward** 211
- **Deep** 211, 212
- **Gordon** 211, 212

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**More Tutoring Resources...**

- Math Tutoring Center, MH-553
- Physics Tutoring, check the tutor schedule at the Physics Department, MH-611
- University Learning Center, PLN 2nd floor

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**IT’S FREE!**
*Dimensions*, the Journal of Undergraduate Research at CSUF, is looking for responsible and dedicated students to serve as Section Editors for the following majors:

- Biology
- Chemistry and Biochemistry
- Geology
- Mathematics
- Physics

As a Section Editor, you will…

- Recruit students from your discipline to publish articles/abstracts
- Review contents of Author Information packet with authors
- Keep student authors on track
- Edit articles from your discipline
- Ensure accuracy of final layout
- Receive a $300.00 stipend.

One Section Editor is selected per discipline. This is an excellent opportunity to become a student leader, influence research and discovery, and make a contribution to the scientific community of California State University, Fullerton.

If you would like further information regarding the positions available, contact Chris Baker, Editor-in-Chief, at baker1335@csu.fullerton.edu or in MH 488.
Get Involved with NSM Inter-Club Council
Clubs & Organizations

Meet students and faculty from your discipline, participate in engaging meetings and events, travel to conferences and symposia.

**Biology Club**
- Provides undergraduate biology majors with volunteer and research opportunities
- Increases social activities and networking amongst students and staff

[csufbioclub@gmail.com](mailto:csufbioclub@gmail.com)

**Biology Graduate Student Club**
- Provides opportunities for association and interaction between students, faculty, and the administration
- Makes funding available for members through the NSM-ICC for presenting scientific work at conferences

[bgsc.csuf@gmail.com](mailto:bgsc.csuf@gmail.com)

**Chemistry/Biochemistry Club**
- Provides information pertaining to opportunities and careers within the fields of Chemistry and Biochemistry
- Facilitates association and interaction between students and faculty of the Department
- Assists in familiarizing students with opportunities within the Department, as well as a sense of community outreach which promotes a positive perception of scientific education

[chembioclub@fullerton.edu](mailto:chembioclub@fullerton.edu)

**Physics Club**
- Provides opportunities for associations and interaction of upper and lower division students
- Organizes lectures from guest speakers as well as several events a year

[bgrisanti@csu.fullerton.edu](mailto:bgrisanti@csu.fullerton.edu)

**Student Health Professions Association**
- Informs students about the opportunities available in the various health professions
- Provides volunteer opportunities for students to get involved in the community, campus life, American Red Cross blood drives
- Works closely with the Health Professions Advising office which is dedicated to assisting students in getting admitted to health profession graduate schools

[csufshpa@gmail.com](mailto:csufshpa@gmail.com)

**Mexican American Engineers & Scientists (MAES)**
- Promotes the professional and personal development of Mexican Americans pursuing degrees in engineering and science
- Welcomes student membership from all ethnicities for the purpose of increasing the number of Latino youth that enter and complete engineering, computer science

[csufmaes@gmail.com](mailto:csufmaes@gmail.com)

**American Medical Student Association (AMSA)**
- Provides an environment that supports creative ideas of physicians in training
- Serves as a forum to discuss health issues and promote programs that enhance the quality of healthcare in our community
- Connects to the surrounding community through volunteer work

[csufamsa@gmail.com](mailto:csufamsa@gmail.com)

**Latino Medical Student Association Pre-Medical Latino Undergraduate Society (LMSA PLUS)**
- Aims to promote access to medical school to underrepresented minorities by building a support network for pre-health students
- Provides members with opportunities to clinical experience and community service as well as information about the requirements and timetables to get into medical school. Our main goal is to assist the future doctors that will serve underrepresented minorities

[lmsaplus@gmail.com](mailto:lmsaplus@gmail.com)

Some potential newcomers to the Council:

**SMART Girls Support Group**
- Functions to increase mentoring and advisement at the undergraduate level
- Establishes collaborative study sessions
- Provides consistent access to advisors
- Communicates how to be successful in math courses, strengthen content knowledge, relate undergraduate courses to successful high school teaching, and connect to tutoring in schools

[smart@fullerton.edu](mailto:smart@fullerton.edu)
Successful NSM Students
Study 25-35 hrs/week!

Learn how with the 25-35 Empowerment Campaign!

1. **Follow** the campaign's phases and learn academic empowerment tips throughout the semester.

2. **Prime** academic success with the Empowerment Immersion Training.

3. **Visit** your designated Student Support Office for Empowerment Tips:
   - Opportunity Center (MH-488)
   - STEM Transfer Student Office (MH-175)

To access the Empowerment Immersion Training and academic empowerment tips, visit:

[http://nsm.fullerton.edu/fss.asp](http://nsm.fullerton.edu/fss.asp)

Remember, **YOU** are the most important factor in your academic success!

For more info, contact Chelsea Rankin at (657) 278-7081, crankin@fullerton.edu
The Study 25-35 Empowerment Campaign Phases

- **Priming Time** - Incorporate the tools of the game; learn to step out of your comfort zone.
  - **Time frame:** September

- **Practice and Apply** - Learn, digest and teach what you have learned.
  - **Time frame:** October

- **Refine and Maintain** - Be patient as you refine the skills you've learned.
  - **Time Frame:** November

- **Reinforce and Finish Strong** - Recharge and give it all that you have.
  - **Time Frame:** December (final exams month)

[http://nsm.fullerton.edu/fss.asp](http://nsm.fullerton.edu/fss.asp)

Remember, **YOU** are the most important factor in your academic success.

For more info, contact Chelsea Rankin at (657) 278-7081, crankin@fullerton.edu
TRANSFER RESOURCE CENTER
McCarthy Hall 525

Services We Offer:
- Study Tables
- White Boards
- Break Area with Microwave
- Electrical Outlets Available for Laptop use
- Academic Transition Coordinator & Peer Mentor for Student Assistance

Your Partner
For Success

Contact & Location:
800 N. State College Blvd.
McCarthy Hall 525
Fullerton, CA 92831-3599
(657) 278-8577
(657) 278-1273 fax
Stem2.fullerton.edu
The Career Center is hosting NSM-focused workshops and events during the fall semester! Look out for more events in the October NSM newsletter.

### Cover Letters & Other Job Search Letters Workshop
Presented by Sonia Rosas, Science & Engineering Specialist
Wed. Sep. 12, 2012
1:00pm-2:30pm

### Accounting Expo
Tue. Sep. 18, 2012
10:00am-2:00pm
TSU

### Slice of Advice
Starting Fri. Sep. 21, 2012
11:00am-12:00pm
Academic Senate Chambers inside the Bookstore

This Speaker Series will bring together professionals from various industries that are more than willing to share their Slice of Advice with you.

See [Series Details & Additional Dates](#) - which will include an Exploring Green Jobs Employer Panel, an Environmental Engineer, and the Co-founder of Keep It Green Transit!

### Graduate School Expo
Wed. Sep. 26, 2012
10:00am-2:00pm
Quad

Are you thinking about going to graduate school? Attending the Graduate School EXPO is a great way to gather information about different graduate and professional schools and their admissions.

### Internship & Career Expo
10:00am-2:00pm
TSU Pavilions

Are you looking for a great way to meet and connect with employers who will be recruiting for current or future jobs and internships? If so, don’t miss out in attending the largest recruiting event this semester.

RSVP to attend the Expo and upload your resume on or before Sep. 30.

Visit the [website](#) to RSVP and learn more about the event, including a Sep. 27 workshop on preparing for the Expo.

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**Need a job? Not sure of what career to follow?**

Visit [Sonia Rosas](mailto:srosas@fullerton.edu), NSM Career Specialist

Sonia is available to provide the services listed below for all NSM undergraduate and graduate students as well as international students.

- Career counseling
- Resume & cover letter reviews
- Interview tips & strategies
- Internship & job search
- Graduate & professional school preparation
- Career presentations for meetings and student club activities

For appointments...
Phone: Career Center, (657) 278-3121
Email: srosas@fullerton.edu

**FOR MORE INFORMATION PLEASE VISIT**
[LANGDSORF HALL 208, (657) 278-3121, WWW.FULLERTON.EDU/CAREER](#)
Tucker Wildlife Sanctuary
4th Annual
Bat Night
Fundraiser
Saturday October 20th
4:00-8:00 pm

BBQ DINNER
Hotdogs / BBQ Beef $5-7

Free Crafts/Games
Face Painting - $3

Pumpkin Carving - $6
Wagon Rides - $3

BAT INTERPRETIVE PROGRAM
Included with Admission

Family Programs at 4:30 & 6:00 pm
Post-Event Adult Only Program 8:15pm

Tucker Wildlife Sanctuary
29322 Modjeska Canyon Road
Silverado, CA 92676

For more information:
call 714 649-2760 or visit www.tuckerwildlife.org

ADMISSION
Adults $5
Children $2
Under 5 free
We are searching for ACADEMIC TUTORS and a LEAD ACADEMIC TUTOR that are energetic, qualified applicants to tutor high school core subjects (Math, Science, History, etc.) to program participants in target high schools in the city of Santa Ana: Century, Santa Ana, Saddleback and Valley.

$10.00—$11.00 per hour

<table>
<thead>
<tr>
<th>Lead Tutor Functions:</th>
<th>Tutor Functions:</th>
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<tbody>
<tr>
<td>* Maintain and convey weekly reports of participants’ attendance and academic progress to academic advisor.</td>
<td>* Maintain weekly tutor sign-in sheets.</td>
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<tr>
<td>* Inform students of upcoming Upward Bound events.</td>
<td>* Convey student academic progress to academic advisor and lead tutor.</td>
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<tr>
<td>* Chaperone students on field trips.</td>
<td>* Inform students of upcoming Upward Bound events.</td>
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<tr>
<td>* Maintain constant communication with academic advisor regarding student progress and any issues and/or concerns that may arise.</td>
<td>* Assist/tutor during Saturday Academy sessions (8 am to 12 pm) and weekly after school tutoring sessions Monday–Thursday (Mon &amp; Thurs: 3 pm – 5 pm, Tues: 2:30 pm – 5 pm, Wed 3 pm to 6:30 pm).</td>
</tr>
<tr>
<td>* Ensure all students receive UB announcements.</td>
<td>* Chaperone students on field trips.</td>
</tr>
<tr>
<td>* Maintain weekly reports of academic tutor schedule.</td>
<td>* Other duties as directed by the project director, academic advisor, and lead tutor.</td>
</tr>
<tr>
<td>* Assist/tutor during Saturday Academy sessions (8 am to 12 pm) and weekly after school tutoring sessions Monday–Thursday (Mon &amp; Thurs: 3 pm – 5 pm, Tues: 2:30 pm – 5 pm, Wed 3 pm to 6:30 pm).</td>
<td>* Other duties as directed by the project director, academic advisor, and lead tutor.</td>
</tr>
<tr>
<td>* Assist academic advisor in facilitating/leading monthly tutor meetings and disciplinary meetings, if necessary.</td>
<td>* Other duties as directed by the project director, academic advisor, and lead tutor.</td>
</tr>
<tr>
<td>* Delegate tasks to tutors to ensure that UB events, tutoring sessions, Saturday Academy, and field trips are facilitated efficiently.</td>
<td>* Other duties as directed by the project director, academic advisor, and lead tutor.</td>
</tr>
<tr>
<td>* Other duties as directed by the project director and academic advisor.</td>
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</tbody>
</table>

QUALIFICATIONS:
* Available to work Monday & Thurs: 3 pm – 5 pm, Tuesday: 2:30 pm – 5 pm, and Wednesday 3 pm to 6:30 pm and some Saturdays and evenings.
* Must be willing to work a minimum of ten hours a week (Monday - Saturday).
* Applicant must be a college student in good academic standing with a minimum overall GPA of 2.75 and a minimum GPA of 3.0 in the subject(s) being tutored.
* Junior/Senior college student standing with a minimum of 30 units; must provide unofficial transcript.
* Demonstrate ability to work with low income and diverse student populations.
* Possess good organizational and communication skills.
* Must be able to work independently and take initiative.
* Prior tutoring experience preferred.
* Supervisory experience preferred (applies only to Lead Academic Tutor).

TO APPLY: Pick up an application at the Upward Bound Office located at Langsdorf Hall (LH) 630 or call the main office at (657) 278-3254.

DEADLINE: Friday, September 14, 2012
EVERY PIECE OF TRASH YOU REMOVE
REVEALS SOMETHING BEAUTIFUL

80% of the trash entering the ocean from California comes from sources on land. Please help save our coast and marine life. Please bring a reusable bag or bucket, gloves, and a water bottle.

California Coastal Cleanup Day gives all Californians the opportunity to learn about coastal resources and how to help preserve them. Volunteers will clean up trash, separate it for recycling, and keep track of what they find - all while taking care of the marine environment. Most importantly, volunteers walk away better understanding the amount of marine debris that litters our environment, where it comes from and how they can help combat it. Volunteers should bring their own reusable bag or bucket, gloves, and water bottle to make this event as ZERO WASTE as possible.

CALIFORNIA COASTAL CLEANUP DAY
Saturday September 15, 2012 / 9am – Noon
Let’s make this year’s cleanup even greener: Bring your own reusable cleaning supplies and try to use alternative transportation when traveling to the event. And together, we can all help reveal the natural beauty of California’s coastlines.

For more information visit CoastalCleanupDay.org or call 1-800-COAST-4U.

Join the Coastal Cleanup efforts.
Matthew Le, OC Parks
(714) 566-3067 or CleanUpOC@occr.ocgov.com
Jim Meyer, Trails4All
(310) 344-9229 or www.trails4all.org

California Coastal Cleanup Day
Saturday Sept. 15th, 9 a.m. to Noon
at sites throughout Orange County