

LSAMP Meeting

February 7, 2019

LSAMP Meetings: Spring 2019

- February 7, 2019
 - March 7, 2019
 - April 11, 2019
 - May 9, 2019
- All Meetings are on Thursdays
 - Time: 5:30-7:00 p.m.
 - Location: South Dining Hall

Tonight

- Opportunities
- LSAMP Reminders
- How to get funding for research at Stan State:
 - LSAMP,
 - McNair,
 - SERSCA,
 - and more!
- How to find and apply for summer internships and REUs (research experience for undergraduates).
- Application materials review (your resume, CV, personal statement, etc.) to give you feedback before you send them off.

Opportunities

- Chemistry Career Club: Fridays at 2 pm
 - MACES: Feb 28th Deadline
 - CCMB: Feb 28th Deadline
 - CSU-LSAMP Costa Rica: Feb 20th Deadline
 - Math REU at CSUMB: Feb 13th Deadline
 - CSUPERB travel grants
 - California Forum on Diversity in Graduate Education:
 - Registration open!
 - Student Research Competition: Deadline Feb 18th NOON
 - College of Science Poster Celebration - May
- Others – see emails: Notre Dame, UNL, UMass Med School

Chemistry Careers Club

Friday, February 8th
Room: NHS 322
@ 2:00PM

EVERYONE IS WELCOME

Dr. Jennifer Lu

Associate Professor, Department of Materials Science and Engineering, University of California, Merced

"Creating Material Platforms to Enable Energy Conversion and Harvesting"



*MACES (Merced Nanomaterials Center for Energy and Sensing): Summer Undergraduate Research Program and Graduate Training Opportunity



Merced Nanomaterials Center for Energy and Sensing (MACES)
Undergraduate Research Fellowship, UC Merced
Summer 2019

- **Stipend/Duration:** \$3,200; June 2 – August 2, 2019; housing accommodations on UC Merced campus (room and board) or monetary allowance (\$400) when applicable
- **Eligibility:** Full-time undergraduate students with at least two semesters of college experience (GPA 3.0 or above); US citizen or permanent resident status
- **Benefits:**
 - Research-related experience in the areas of chemistry, physics, materials science and engineering
 - Experimental learning and hands-on training on cutting edge research instrumentation
 - Research and academic guidance and mentoring from MACES faculty (<http://macces.ucmerced.edu/ucmerced/faculty>) and graduate students.
 - Professional development opportunities via participation in weekly workshops
- **Application Deadline:** February 28, 2019
- **Application Submission:** <https://tinyurl.com/va2sotbh>
- **Contact Info:** Petia Guerguieva, pguerguieva@ucmerced.edu



NSF-CREST Center for Cellular and Biomolecular Machines (CCBM) CCBM Summer Internship Program (C-SIP) 6-Week Undergraduate Research Fellowship University of California, Merced June 2 - August 2, 2019

Program Benefits:

- Research experience in biophysics, biochemistry & bioengineering
- Experimental training & hands-on training on cutting edge research instrumentation
- Research & academic guidance and mentoring from CCBM faculty & graduate students
- Professional development, networking, & social activities

Additional Benefits:

- Free room and board provided on UC Merced campus as needed
- \$3,000 additional stipend
- \$500 in expenses for off-campus participants

Eligibility:

- Full-time undergraduate students with at least two semesters of college experience (GPA 2.5 or above)
- U.S. citizen, U.S. national, or permanent resident

Application Deadline: February 23, 2019

Contact: CCBM Programs Manager, Nora M. Cole: nccol@ucmerced.edu or (209) 226-3663

To apply, visit: ccbm.ucmerced.edu



REU @ CSUSB

Significant Research— a Good Time!

Apply now, don't delay!

- Dates: June 24- Aug 16, 2019
- Application Deadline: February 13, 2019
- Website: <http://math.csusb.edu/reu/>

CSUPERB Travel

- Requests for Proposals (RFPs) for the Spring 2019 Faculty and Student Travel Grant Programs are now open.
- Proposal Deadline:** Monday, March 11, 2019 before 5:00 p.m. pacific time
- Award Notification:** April, 2019
- The Faculty and Student Travel Grant Proposal Templates and Application links can be found at the CSUPERB home page at: <https://www2.calstate.edu/impactofthe-csu/research/csuperb>
- The CSUPERB Travel Grant programs support CSU faculty and student travel to biotechnology-related professional meetings and workshops or to collect biotechnology-related data at shared instrumentation facilities or research sites. The spring round of grants will support travel between July 1, 2019 and June 30, 2020.
- CSUPERB welcomes and encourages applications from CSU faculty in all disciplines related to the current practice of biotechnology, including but not limited to agricultural science, business, clinical sciences, computer science, engineering, life sciences, math, and/or physical sciences.
- Please forward this announcement to all faculty and students involved or interested in biotechnology education and research on your campus. Questions can be directed to the CSUPERB program office at [415-509-2822](tel:415-509-2822) or research@csuperb.edu



CSUPERB & LSAMP PRESENTS COSTA RICA SUMMER RESEARCH TRAINING EXPEDITION

THE COSTA RICA EXPEDITION IS A HAND-ON EDUCATIONAL WORKSHOP FOR STUDENTS TO LEARN THE FOUNDATIONS OF ENVIRONMENTAL SCIENCE RESEARCH METHODS AND ANALYZE THE WILDLIFE EXPLORING COSTA RICA'S BIODIVERSITY TROPICAL ECOSYSTEMS.

PARTICIPATION: ALL STUDENT IS BASED ON INFORMATION, REFERENCES, TRANSCRIPTS & RESUME. APPLY EARLY AND REVIEWED DATE: ALL SPOTS ARE FILLED. SPILL SCHEDULES ARE AVAILABLE TO LEARN PARTICIPANTS.

HOW TO APPLY: APPLY TO CSUPERB & LSAMP. CONTRIBUTION TO TRAVEL COSTS TO APPLY.

DEPART: JUNE 17

RETURN: JULY 23

FOR MORE INFORMATION CONTACT: DRAMA B. WILSON LIEBERMAN DLIEBERMAN@CSUPERB.EDU

- California Forum For diversity in Graduate Education**
- Saturday, April 6, 2019**
- 8:00AM – 4:00PM
- University of California, Davis | 1 Shields Ave Davis, CA 95616**
- TRANSPORTATION IS FREE, but space is limited!** Bus will depart from Stan State University Circle (Library) bus pick up at 6:30AM and is scheduled to return by 6:00PM
- "Lots of Valuable Information & Resources for Graduate School"**
- Click on <https://www.csustan.edu/student-support-services/grad-forum>
- On Page 2 check CSU LSAMP

Stanislaus State Annual Student Research Competition

- <https://www.csustan.edu/office-research-sponsored-programs/sersca-program/student-research-competition>
- Applications are due via InfoReady by Monday, February 18, 2019 at 12 noon <https://csustan.infoready4.com/>
- The 33rd Annual Student Research Competition will be held on Friday, March 8, 2019 in MSR 130.



Paid Research Opportunities on our campus

- LSAMP
 - <http://www.csustan.edu/AMP>
- McNair
 - <https://www.csustan.edu/mcnair>
- RISE and STEM Success
 - <https://www.csustan.edu/STEM-success>
 - <https://www.csustan.edu/STEM-success/rise/stem-success-faculty-research-mentors>
- SERSCA
 - <https://www.csustan.edu/office-research-sponsored-programs/sersca-program>

SERSCA

- SERSCA Travel
 - <https://csustan.infoready4.com/#competitionDetail/1780041>
- SERSCA Mini
 - <https://www.csustan.edu/office-research-sponsored-programs/sersca-program/mini-grants>
- SERSCA Assistantships
 - <https://www.csustan.edu/office-research-sponsored-programs/sersca-program/assistantships>



LSAMP Reminders

- Travel
- Textbook: submit now
- GRE
- Grad School Application Fees
- Research Posters
- Research Interns

Travel

- **Please let LSAMP (Suzanne) know when you will be traveling** and what department completed the paperwork, i.e., Travel Request/Claim. LSAMP is required to submit this information to the Statewide Department at the end of each year to maintain our Grant Funding.
- We have very limited **travel funds**, but we may be able to help you find money to travel. Please come talk to us if you plan to travel.

Travel

- **Defensive Driving-**
- Students must take and pass the campus online Defensive Driving Course in order to receive mileage reimbursement on Travel Claims.
- Test can be found on university website –
 - A-Z Directory
 - R (Risk Management)
 - Toward bottom of page – shaded in grey – Defensive Driver Training
 - Fill out form
 - Student Assistant if you are paid for work on campus
 - Otherwise Student/Volunteer
 - Link for Test and Certificate will be emailed to you
- LSAMP needs Original Certificate

Textbook Reimbursements

- LSAMP will pay up to \$200.00 per student per semester (as our budget allows) provided you attended at least half the meetings in the previous semester (exception for new admits)
- Must be required for a STEM class and you must pay for it
- Grant says TEXTBOOKS, this includes
 - Ebooks
 - Book rentals
 - Online materials bundled with the books
 - NOT other required equipment and supplies
- Please bring to LSAMP Office
 - A copy of syllabus
 - ORIGINAL RECEIPTS with your name and proof of payment

GRE Fee Reimbursements

- LSAMP will reimburse GRE test fees (as our budget allows) for one general exam and one subject exam. If funds are not sufficient we will prioritize by meeting attendance.
- To receive reimbursement we need proof of payment and proof you took it, so please bring to the LSAMP Office
 - A receipt showing you paid for the test
 - GRE Score Sheet
- We are not able to pay for standby fees or for additional attempts

Graduate School Application Fees

- We have a limited budget to pay for graduate school application fees. We cannot pay for fees that you could have had waived as an LSAMP participant, so please check on waivers before you pay. If the fee cannot be waived, we need proof that you paid the fee.

Gray Areas

- In general, it is best to submit the paperwork for things that might not be reimbursable, since sometimes we end the year with a little extra money and will look for student reimbursements to pay.
- Once you have officially graduated we will most likely not be able to process reimbursements to you.

Research Poster Printing

- We can pay to have research posters that you will be using to present your work printed through Reprographics. You can come to the LSAMP Office to pick up the form Reprographics needs to bill us.
- Posters are generally 3 ft. by 4 ft. in color on plain paper and cost about \$35.
- Everyone doing research should have a poster in the College of Science Poster Celebration in May.
- Your research mentor should be able to help you design a poster. Please contact us if you have any questions.

Research Interns

- We are just now selecting and hiring our research interns for Spring
- We have more applicants than funds, priority goes to
 - Continuing Interns who have complied with the requirements
 - LSAMP participation – e.g. meeting attendance
 - Distribution over majors and mentors
- We have some graduating this Fall, so if you applied and didn't receive it, try again in Spring
- We will keep your application open - depending on funds we may have one or two late hires
- Some expectations for Spring semester
 - Student Research Competition
 - College of Science Poster Session

Some work details

- Interns
 - Responsible Conduct of Research Training and Certificate of Completion (CITI) are required before interns can start work.
- Timesheets for Interns
 - Please go into your MyCUSTAN timesheet around the middle of the month and make sure you are able to enter your hours. If there is a problem we need to know about it before the end of the month so we can fix it and you can get paid on time.
 - Pay attention to emails from us!!! And respond!!!

Internship vs REU vs Research

- Language may vary, so be careful
- Internship
 - Usually a business, agency, lab
- REU: Research Experience for Undergraduates
 - NSF Funded
- Research – funded by someone besides NSF
 - NIH SIP (Summer Internship Program)
 - NASA
 - National Labs (Argonne, LLNL, LBNL, etc.)
 - Government agencies

Some Links

- Pathways to science <https://www.pathwaystoscience.org/>
- Dr. Thomas for CS <https://www.cs.csustan.edu/~mthomas/jobhunting.html>
- NSF <https://www.nsf.gov/crssprgm/reu/>
- NIH <https://www.niehs.nih.gov/careers/research/summers/index.cfm>
- ACS <https://www.acs.org/content/acs/en/education/students/college/experienceopp.html>
- Resources for undocumented students
- <http://www.matthewrcover.com/undocumented-in-stem.html>

Review Materials?

- Resume or CV
- Letter of Interest
- Personal Statement
- Other???