

Welcoming Diverse Approaches to Scientific Discovery



2014 - 2016

An Initiative of the Undergraduate Research Center- Sciences and the Graduate Division,
Under the auspices of the California Alliance for Minority Participation (CAMP)

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<http://www.ugresearchsci.ucla.edu/campdoctorate.htm>

Campus Partnership

Graduate Division

1. Admissions

- LSAMP and CAMP button / track eligible students
- Fee waiver
 - Fall 2012, 26 students from LSAMP campuses checked the LSAMP box.
 - Fall 2013, 64 students self identified as an LSAMP participant.

2. Funding

- Internal proposal
- Support beyond the first two years / Travel Awards

2. Funding: Fees per student

Projected fees with 7% fee increase each year

| TABLE A. | | | | |
|---|-------------|--------------------|--------------|------------------|
| Year | Fees* | NSF FUNDED PORTION | Supplemental | Funding Source |
| 1 | \$15,845.00 | \$10,500.00 | \$5,435.00 | GD |
| 2 | \$16,594.00 | \$10,500.00 | \$6,094.00 | Department |
| 3 | \$18,140.00 | 0 | \$18,140.00 | Cota Robles / GD |
| 4 | \$19,409.00 | 0 | \$19,409.00 | Department |
| 5** | \$20,767.00 | 0 | \$20,767.00 | Cota Robles / GD |
| <p>*Based on a hypothetical 7% increase from the 2012 CA resident fees of \$14,809.00, with a 7% increase subsequent years. Supplemental funding source will have to pay extra for students who are not CA residents. It is expected that those students will apply to be CA residents soon thereafter.</p> | | | | |
| <p>**Tuition and Fees beyond year 5 will be the Department/Principal Investigators responsibility.</p> | | | | |

2. Funding: Stipend per student

TABLE B.

| Year | Stipend* | NSF | GD | GD Supplemental | Department |
|--|-----------------|-------------|-------------|------------------------|-------------------|
| 1 | \$30,000.00 | \$30,000.00 | \$0.00 | | |
| 2 | \$30,000.00 | \$30,000.00 | \$0.00 | | |
| 3 | \$30,000.00 | 0 | \$25,000.00 | | \$4,000.00 |
| 4 | \$30,000.00 | 0 | | \$3,000.00 | \$27,000.00 |
| 5** | \$30,000.00 | 0 | \$25,000.00 | | \$4,000.00 |
| *If the Department offers a stipend greater than \$30,000 then the department will pay for it. | | | | | |
| **Tuition and Fees beyond year 5 will be the Department/Principal Investigators responsibility. | | | | | |

Campus Partnership

STEM Departments

3. Identification of potential departmental partners

- Evaluation of current departments; trends in admissions
 - Reports applications, admits, matriculation
 - How robust is potential pipeline?
 - What's our success rate?
 - Demographical profiles of degree recipients

History of Chemistry and Biochemistry Applications and Admits

Undergraduate Institution of Underrepresented Minority DOCTORAL Applicants

5-Year Admission Trends

| | Ethnicity | Fall 2008 | Fall 2009 | Fall 2010 | Fall 2011 | Fall 2012 |
|------------------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|
| Applications | International | 120 | 114 | 138 | 158 | 173 |
| | Other Domestic | 255 | 256 | 235 | 281 | 250 |
| | Underrepresented Minorities | 33 | 35 | 49 | 40 | 34 |
| Admits | International | 9 | 22 | 13 | 12 | 25 |
| | Other Domestic | 125 | 120 | 116 | 143 | 129 |
| | Underrepresented Minorities | 6 | 10 | 23 | 15 | 16 |
| New Registrants | International | 8 | 16 | 10 | 6 | 12 |
| | Other Domestic | 43 | 47 | 31 | 43 | 40 |
| | Underrepresented Minorities | 3 | 5 | 11 | 4 | 5 |

| Undergraduate Institution | # of URM Doctoral Applicants (5 Year Total) |
|----------------------------------|---|
| UCLA | 15 |
| UC San Diego | 10 |
| UC Irvine | 10 |
| UC Santa Cruz | 8 |
| UC Berkeley | 7 |
| CSU Los Angeles | 7 |
| UC Davis | 6 |
| San Diego State University | 5 |
| CSU Long Beach | 4 |
| Stanford University | 4 |
| UC Riverside | 4 |
| Santa Clara University | 3 |
| UC Santa Barbara | 3 |
| Cal Poly Pomona | 3 |
| Cal Poly San Luis Obispo | 1 |
| Calif Institute Tech | 3 |
| CSU Fresno | 3 |
| CSU Fullerton | 3 |
| Loyola Marymount | 3 |
| CSU Channel Islands | 2 |
| CSU San Bernardino | 2 |
| Univ San Diego | 2 |
| Univ Southern California | 1 |
| Claremont Mckenna | 1 |
| Cal Poly San Luis Obispo | 1 |
| San Francisco State University | 1 |
| CSU Chico | 1 |
| Mount St Marys | 1 |
| Occidental College | 1 |
| Pepperdine University | 1 |
| Polytechnic Univ | 1 |
| UC Merced | 1 |
| California Institutions | 118 |
| Out of State Institutions | 68 |

3. Departmental Buy-in Outcomes:

- Buy-in from 38 departments across the College Life Sciences and Physical Sciences and Schools of Medicine, Engineering, and Dentistry.
- BD Steering Committee
- The application and selection process
 - BD secondary application
 - *Demonstrated commitment to research, mentorship and diversity*
 - Departmental nominations
 - Selection
 - *Coordinated between Graduate Division, individual STEM Departments, and the UCLA BD Steering Committee.*

Campus Partnership cont.

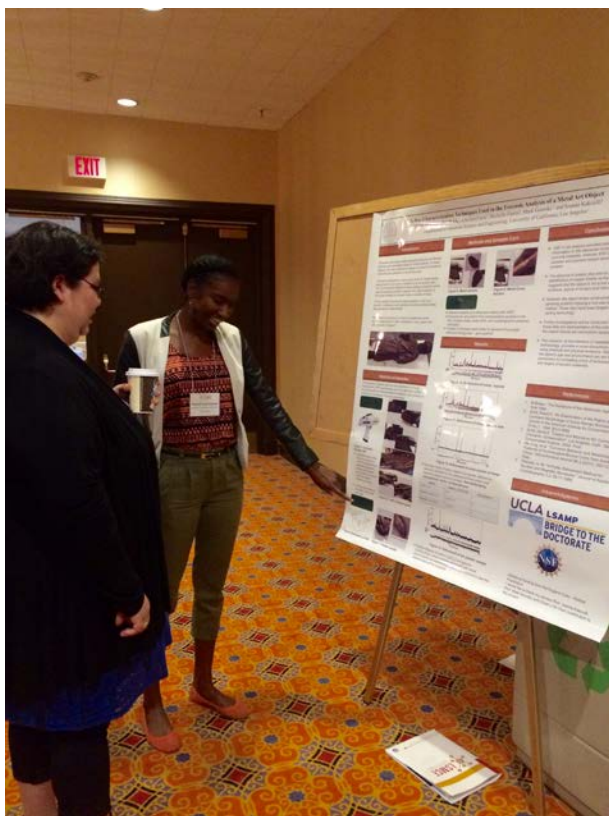
4. Outreach and recruitment

- CSU's / Conferences
- Coordinated recruitment calendar
- Campus Visits

6. GD and department partnerships

- Provide insight into admissions process
- Fund disbursement / Tracking / Advertisements / GD diversity programs / offerings

Thank You LSMCE!



Krystal Cunningham
Materials Science
Undergrad: UC Merced



Marco Messina
Chemistry
Undergrad: Texas A&M Corpus Christi