

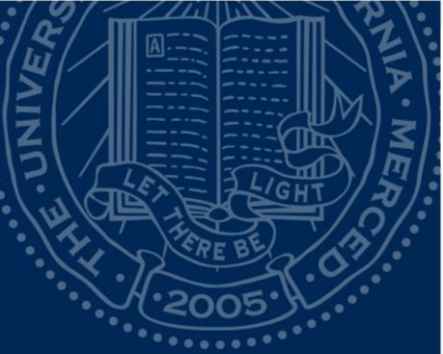


# Supporting Inclusive Excellence in Research Pathways at UC Merced:

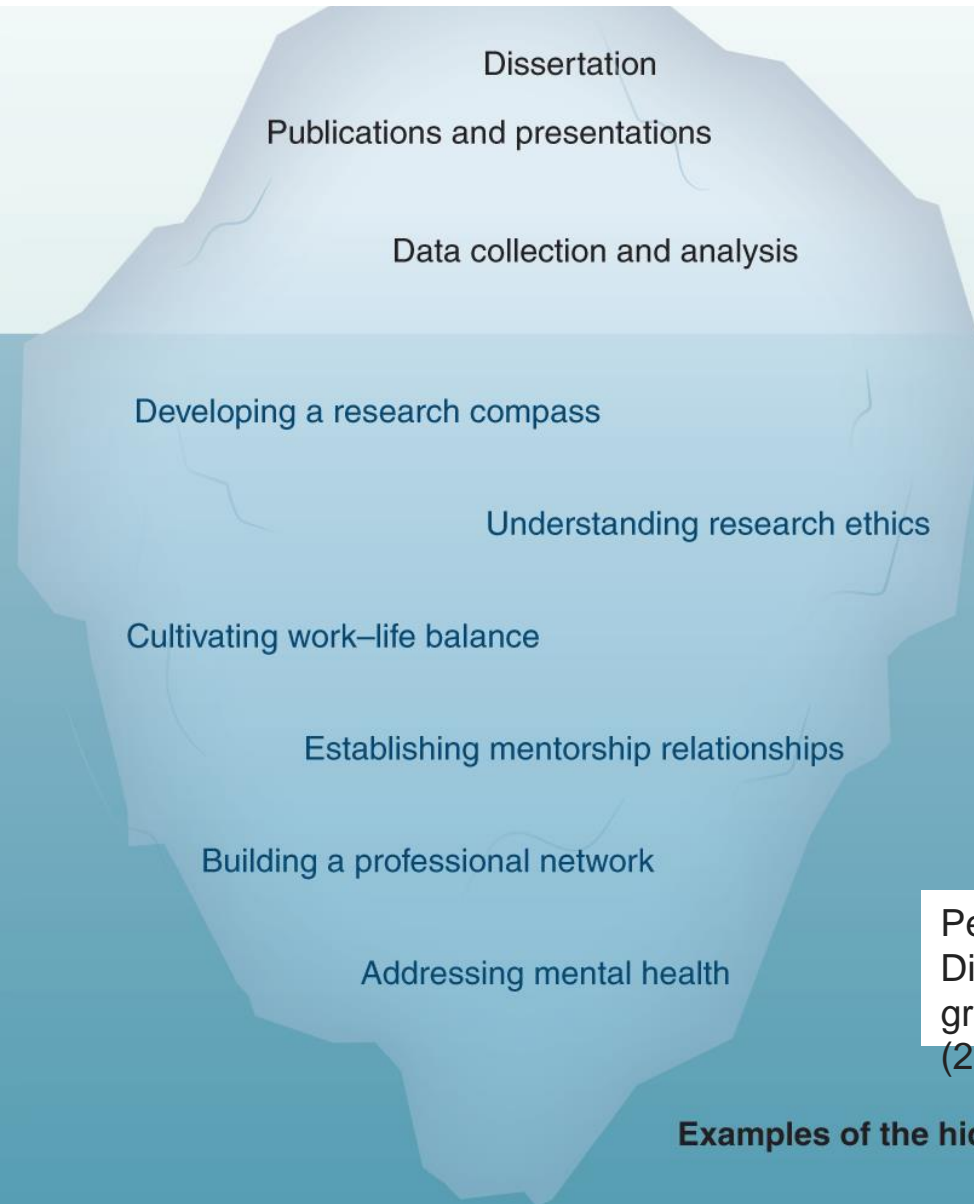
## *Removing Barriers to Professionalization*

Chris Kello

Professor of Cognitive and Information Sciences  
Interim Vice Provost and Dean of Graduate Education



# The “Hidden Curriculum” can be a Barrier



Pensky, J., Richardson, C., Serrano, A. *et al.*  
Disrupt and demystify the unwritten rules of  
graduate school. *Nat. Geosci.* **14**, 538–539  
(2021).

**Examples of the hidden curriculum**



# Teaching the Hidden Curriculum at UC Merced: It Takes a Village

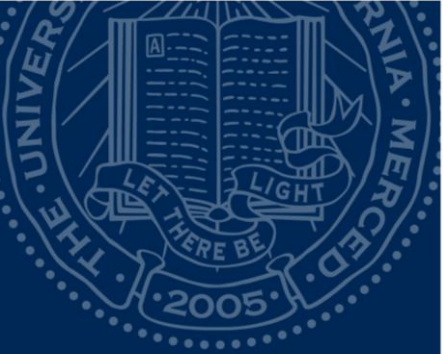
- Emphasis on partnerships among faculty and admin across programs, units, and institutions
- An ecosystem of professionalization developed for UC Merced students and opportunities in the Central Valley and CA
- **Overview of graduate student programs and partnership**
  - From the start of doctoral studies all the way through to the job market



# Competitive Edge Summer Bridge Program



- 8 weeks, 3 days a week
  - Life of a Ph.D. student at UC Merced, fellowship proposals, faculty mentorship, data management



# EXCEL

## Peer Mentorship Program

The logo for the EXCEL Peer Mentorship Program is centered at the top. It features a yellow rectangular background. On the left side of the rectangle, there are five white stylized figures, each with a circular head and a star-shaped body. To the right of these figures, the word "EXCEL" is written in a large, bold, dark grey sans-serif font. Below "EXCEL", the words "Peer Mentorship Program" are written in a smaller, bold, dark grey sans-serif font.

- Designed to promote early success in first-year doctoral students through coaching and engagement with a community of advanced doctoral peer mentors
  - Regular one-on-ones twice a month
  - Monthly networking sessions
  - Shared experiences from “near peers”
  - Address issues before they arise



**\*\* NEW LISTING \*\***

**Grad Professional  
Development:**  
Professional training for  
graduate students

**Fall 2021**

**Fridays 2:30 - 3:45PM\***

\*In person

Offered as: EECS 289, ES 290, MATH  
290, MBSE 290, ME 290, PHYS 290,  
POLI 289, PSY 290, QSB 290

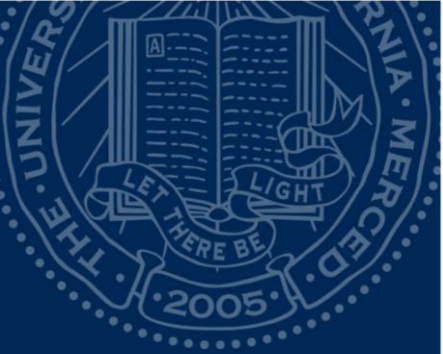
This one-credit seminar is designed to provide graduate students skills and knowledge they need for making the transition to successful post-graduate careers. The seminar will expose students to diversity of career options. We will discuss the role of postdoctoral positions among disciplines, the importance of networking, managing your online presence, and differences between mentors and sponsors. Participants will learn about preparation of application packets for post-graduate careers, interviewing and negotiating skills, ethics, and practice time-management skills. As part of this course, students will produce a working resume or CV and professional website.



Associate Graduate Dean  
Email: [graddiv@ucmerced.edu](mailto:graddiv@ucmerced.edu)

UNIVERSITY OF CALIFORNIA  
**MERCED**

**GRADUATE  
DIVISION**



UC graduate students spend years on their thesis. Can they explain it in just three minutes?

---

### Latest Update

Congratulations to UC Merced's Shayna Bennett who took home the 2021 Slammy, and to all the amazing competitors in this year's contest.

Missed the action? [Watch it now](#) (or watch it again)!

## CONGRATULATIONS TO THE 2021 WINNERS

---

### 2021 Winner

A new tool to fight invasive species

**Shayna Bennett**  
UC Merced



<https://gradslam.universityofcalifornia.edu>

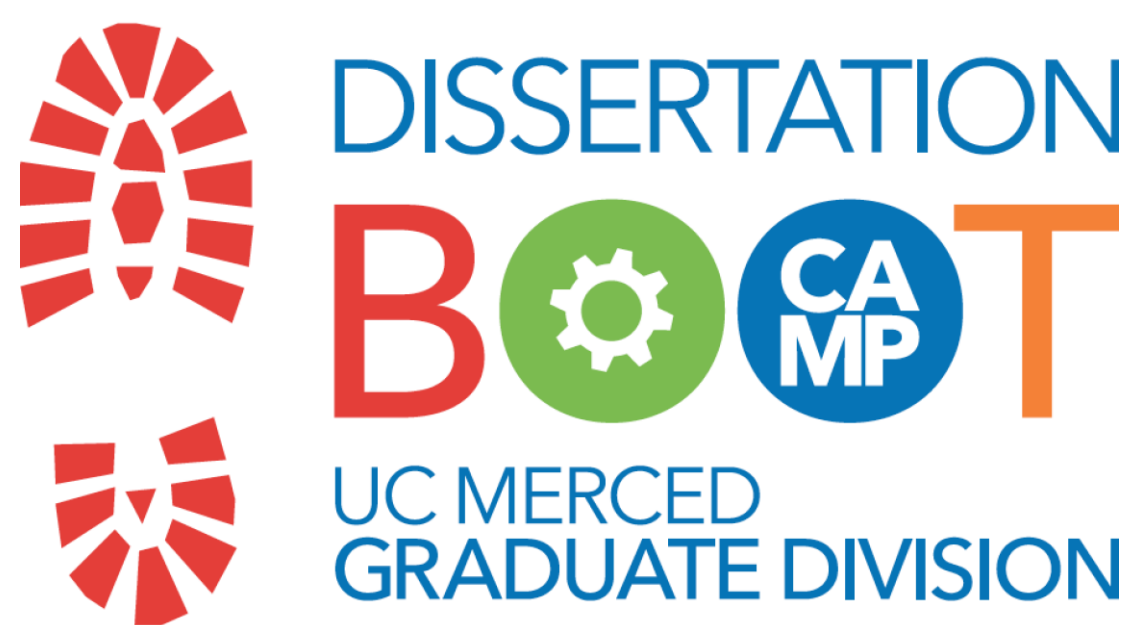
UNIVERSITY OF CALIFORNIA  
**MERCED**



# Winner Shayna Bennett Talks with UC President Drake







UNIVERSITY OF CALIFORNIA  
**MERCED**





Friday, April 20, 2018  
8:30AM - 6:30PM  
California Room

## Featuring Opening and Closing Keynotes:



**Professor Sudha Ram**  
Anheuser-Busch Endowed Chair of MIS,  
Entrepreneurship, and Innovation  
Director, INSITE: Center for Business  
Intelligence and Analytics  
University of Arizona



**Dean AnnaLee Saxenian**  
Dean, School of Information  
Professor, Department of City and  
Regional Planning  
University of California, Berkeley

## Talks from Experts in the Field:

**Esteban Arcaute**  
Director of Analytics, Facebook

**Ernestine Lee**  
Executive Director of Bioinformatics  
Five Prime Therapeutics

**Daryl Pereira**  
Creative Content Director, IBM

**Tracy Teal**  
Executive Director, Data Carpentry

**Marisol Gamboa**  
Associate Division Leader GS-CAD  
Lawrence Livermore National Labs

**Scott Le Grand**  
Senior Principal Engineer, Amazon /A9

## Data Science Panelists:

**Michael Goldman**  
Lawrence Livermore National Labs  
Data Science Institute

**Emily Jane McTavish**  
UC Merced Quantitative & Systems Biology

**Harish Bhat**  
UC Merced Applied Mathematics

**Sandie Ha**  
UC Merced Public Health

**Florin Rusu**  
UC Merced Electrical Engineering &  
Computer Science

Sponsored by the Office of Leadership, Service and Career, the Graduate Division, the Ernest and Julio Gallo Management Program, the Electrical Engineering and Computer Science Program, and the NSF funded NRT DESE Intelligent Adaptive Systems Program



Friday, April 26, 2019  
8:30AM - 6:00PM  
California Room

## TALKS FROM NATIONAL LABORATORY RESEARCHERS:

**Tanja Woyke**  
Joint Genome Institute  
Genomics

**Camron Proctor**  
Sandia National Labs  
Materials, Energy, Modeling

**John Murphy**  
Lawrence Livermore National Labs  
Semiconductors

**Manfred Auer**  
Lawrence Berkeley National Labs  
Biophysics, Biimaging

**Fidelma Giulia Di Lemma**  
Idaho National Labs  
Chemistry, Imaging

**Sara Del Valle**  
Los Alamos National Labs  
Disease Dynamics

## PANEL OF DIVERSITY AND RECRUITMENT REPRESENTATIVES:

**Rita C. Kuo**  
Joint Genome Institute

**Terrence Buck**  
Idaho National Labs

**Frank Trigueros**  
Lawrence Livermore National Labs

**Cathy Ann Scott**  
Sandia National Labs

**Jon Ventura**  
Los Alamos National Labs

**Billy Poon**  
Lawrence Berkeley National Labs



[https://graduatedivision.ucmerced.edu/national\\_labs\\_day](https://graduatedivision.ucmerced.edu/national_labs_day)

Sponsored by the Center for Career and Professional Advancement, the Graduate Division, and the School of Natural Sciences

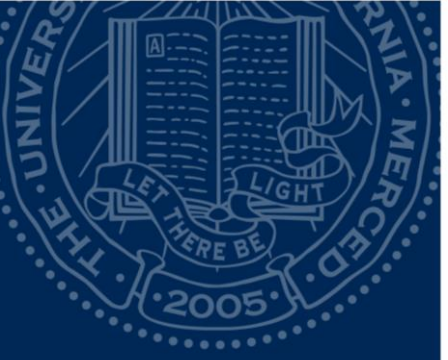




# California HSI Alliance



- NSF-funded program to broaden participation in the professoriate through UC-CSU partnerships
- Pedagogical training, teaching fellowships and networking at CSUs, job market workshops for UC PhDs
- Similar partnerships being piloted with other CSUs and CA Community Colleges as part of a larger UC-wide effort
  - Similar efforts underway from CSU partners



# Removing Barriers to Professionalization at UC Merced

- An ecosystem of programs and partnerships from the start of doctoral studies all the way through to the job market
1. Dr. Jorge Arroyo, Director, Undergraduate Research Opportunities Center
  2. Ms. Ashleigh Papp, Communications Specialist, LBNL
    - JGI-UC Merced Internship Program
  3. Dr. Mario Banuelos, Assistant Professor, Fresno State
    - Former Ph.D. student in UC Merced Applied Mathematics