Reinventing Graduate Education for the 21st Century
Faculty Leadership Academy Group 2019
To remain a forward-thinking, global leader in graduate education, where should Berkeley be in 10 years in the area of masters and doctoral education?

What do we need to do to get there?

Our guiding question
http://tiny.cc/FLA2019
Our objectives

• Develop practical recommendations useful to the program sponsors and that will inform our own current and future leadership activities;

• Move beyond the narrative that there is not enough funding: what alternatives have we not yet considered? How can a compelling vision be leveraged to attract funding?

• Apply our skills, knowledge, and networks to enable this vision
Our group

Alessandra Lanzara, Physics
• Brandi Catanese, African American Studies and Theater, Dance, & Performance Studies
• Britt Glaunsinger, Plant & Microbial Biology
• Cathryn Carson, History and Data Science
• Cathy Choy, Ethnic Studies
• Emily Ozer, Public Health
• Karen Nakamura, Anthropology
• Kristin Persson, Materials Science & Engineering
• Linda Rugg, Scandinavian

• Lisa Garcia Bedolla, Education
• Nathan Sayre, Geography
• Oliver Arnold, English
• Richmond Sarpong, Chemistry
• Rodolfo Mendoza-Denton, Psychology
• Sandra Smith, Sociology
• Sanjay Kumar, Bioengineering
• Serena Chen, Psychology
• Sonia Katyal, Law
• Zeus Leonardo, Education
Our approach
http://tiny.cc/FLA2019

Mentoring

Public Purpose

Interdisciplinarity
Mentoring - Vision

A new approach to mentoring

- Holistic
- Prepare for and value wide-ranging careers
- Inclusive culture
Currently…

• **Resources for faculty** to become better mentors are spare, and mentoring grad students, beyond training them to be researchers and teachers, is not incentivized.

• Changes in the employment landscape, the alienation many grad students from diverse backgrounds feel, and the record high levels of student anxiety/depression demand that we develop a new approach to mentoring that meets these challenges.
Recommendations

• Mentorship Certificate Program
  - Intensive training
  - Developed by drawing on existing expertise

• Strong Incentives and Requirements
  - Training new hires
  - Mentoring Officers
  - Reviews

• A New Mentoring Center
  - Development opportunity
Public Purpose - Vision

- Research with, rather than research on.

- Connected Community of public purpose graduate training across disciplines and units.

- Enhance public understanding of the contributions of Berkeley graduate training and research to improving local communities, state, & beyond.
Currently…..

• We lack pathways to rigorous training in public purpose research that are coordinated, sustained, and broadly accessible.

• The “public” did not see the broad value of what we bring to different spheres of their lives.

• Major re-direction of research across campus to respond to COVID-19. How can we build on these & other public purpose efforts to support graduate training?
Recommendations

• Identify leadership and coordinating efforts, building on intensive public purpose activities.

• Create an inventory and mapping resources.

• Develop cohorts of cross-trained public purpose graduate fellows.
Interdisciplinarity - Vision

• Major challenges of the 21st century lie at the interface between two or more fields.

• Interdisciplinarity represents one of the greatest sources of possible growth for new programs.

• New fields of scholarship have emerged, with massive student demand.
Currently…

Huge growth in interdisciplinary programs such as political economy, cognitive science, global studies, and data science in the undergrad population.

1/3 of our Ph.D’s go on to non-academic jobs, many of which benefit from interdisciplinary training.

Berkeley is inherently interdisciplinary – institutional support for centers, clusters, programs, etc. – as well as strongly disciplinary.
Recommendations

• A comprehensive review and evaluation of existing programs

• Develop policies and procedures to enable interdisciplinarity in degrees.

• Opportunities in professional/academic programs (PhD/Masters, Masters/Masters)
Status of the report
http://tiny.cc/FLA2019

- Shared with Council of Deans
- Reviewed by Academic Senate
  - Graduate Council (GC)
  - Divisional Council (DIVCO)
- DIVCO’s response provided to Vice Provost/Graduate Dean

Where do we have excitement?
Where do we have alignment?
How do we move forward now?
Student-Centered Graduate Education

Adequate, reliable doctoral funding

• Five-year guarantee at NSF level: $34,000

Dissertation completion support

• Includes summer funding for milestone completion

More robust professional development support

• Improved mentorship
• Support for non-academic pathways
• Certification and other professionalization options
Questions?