



# Graduate Education and Research

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Chinya V. Ravishankar  
Associate Dean

# Graduate Program Contacts

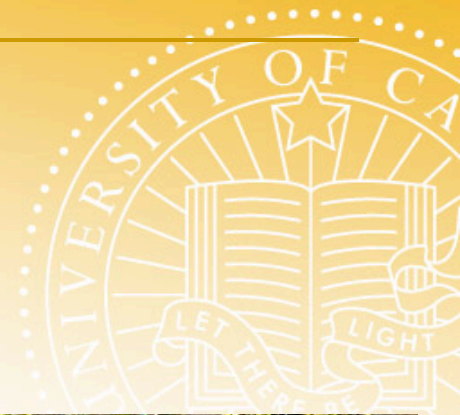
- Always willing to help: Department Chair
  - But always busy
- Graduate Advisors (Faculty)
  - One for admissions, one to advise enrolled students
  - Work with chairs, college, and graduate division
- Staff advisors
  - In the trenches, know all the details
  - Excellent place to start

# Graduate Faculty Advisors



Program	For Admissions	For Enrolled Students
Bioengineering	Hyle Park	Victor Rodgers
Chemical & Env. Engr.	Jianzhong Wu	Ian Wheeldon
Computer Science	Tao Jiang	Vassilis Tsotras
Computer Engineering	Daniel Wong	Daniel Wong
Electrical & Comp. Eng.	Sasha Korotkov	Hamed Mohsenian-Rad
Mechanical Engr.	Lorenzo Mangolini	Suveen Mathaudu
Materials Science	Elaine Haberer	Bryan Wong

# Graduate Staff



Bioengineering  
**Annette Meneses**



Chem. & Env. Engr.  
**Adrienne Thomas**



Electr. & Comp. Engr.  
**Kimberley Underhill**



Mechanical Engr.  
**Paul Talavera**

# Graduate Staff

MS Online  
**Kimberley Love**



Computer Engr.  
**Madie Heersink**



Materials Sci. & Engr.  
**Lorena Roman**

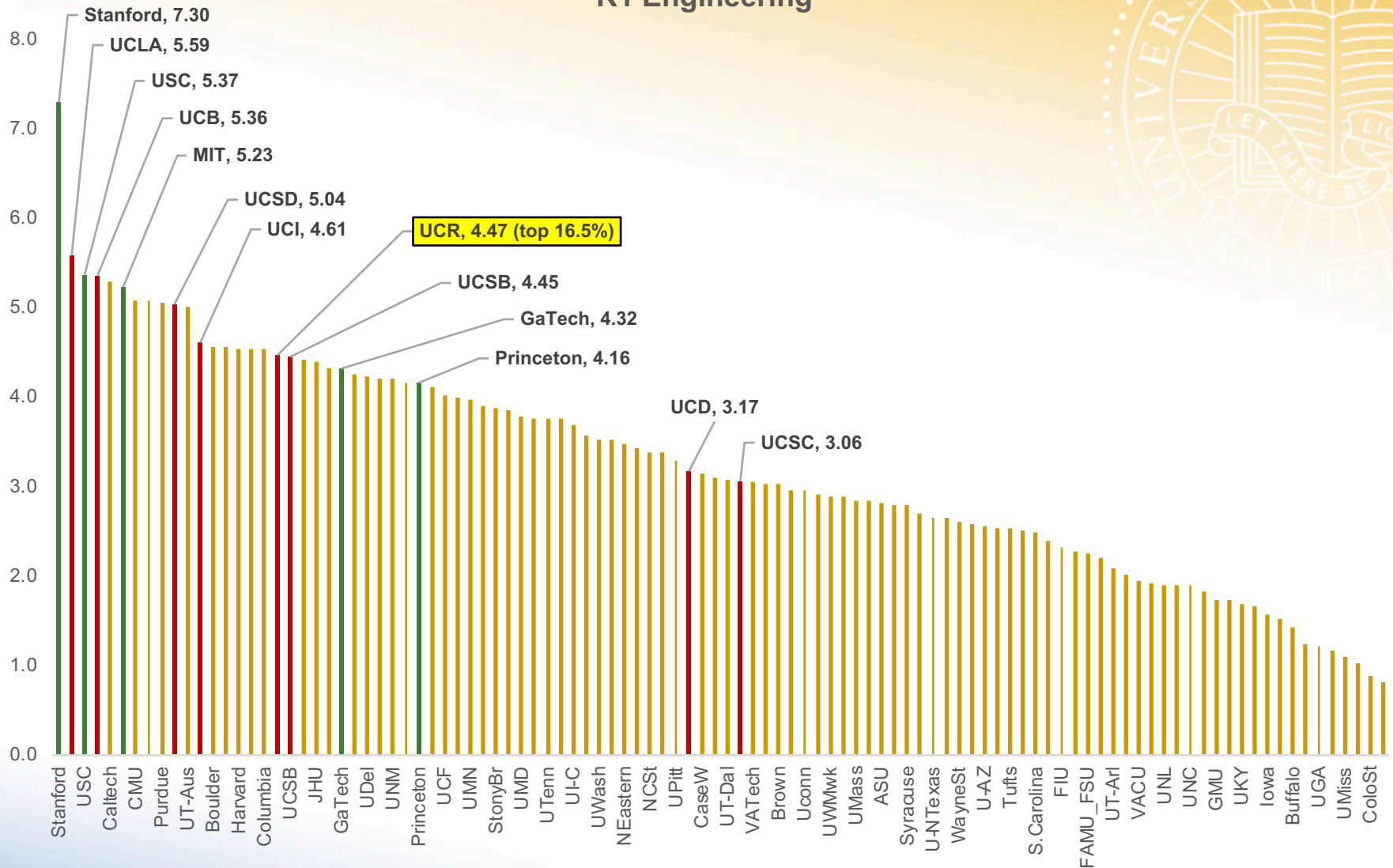
Computer Science  
**Vanda Yamaguchi**



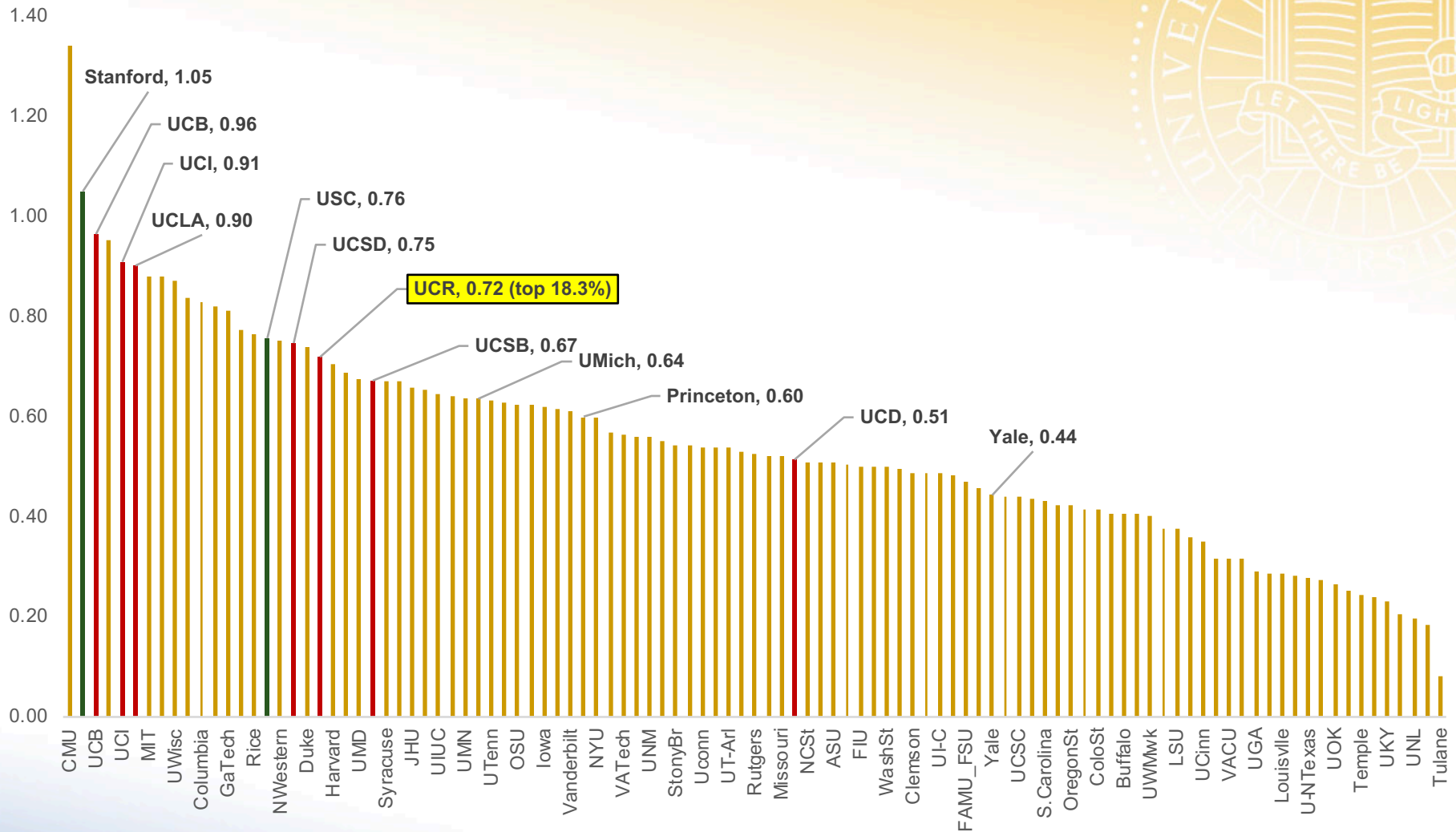
# US News 2019 Engineering Rankings v/s Faculty Size (Public Universities)



## Full-Time PhDs Enrolled/faculty R1 Engineering



## PhDs Granted/Faculty R1 Engineering



# Graduate Recruiting Timeline



- Application deadlines
  - January 5<sup>th</sup> for financial aid
  - September 1<sup>st</sup> for domestic applicants
  - June 1<sup>st</sup> for international applicants
- Apps arrive centrally, sent to departments
  - Depts. admit/reject, college approves
- Acceptance by April 15 for those with aid
  - For others, we are flexible

# Financial Aid for PhD Admits

- 1<sup>st</sup> year covered by campus fellowship
  - Faculty don't incur costs in the first year!
  - Fellowship level is tailored to qualifications
- Non-Resident Tuition
  - No NRT in first year (fellowship year)
  - NRT waived for nine quarters after candidacy
  - NRT is charged after this period
- How to get your student a TA-ship
  - Talk to graduate staff person

# Research Proposals & Funding

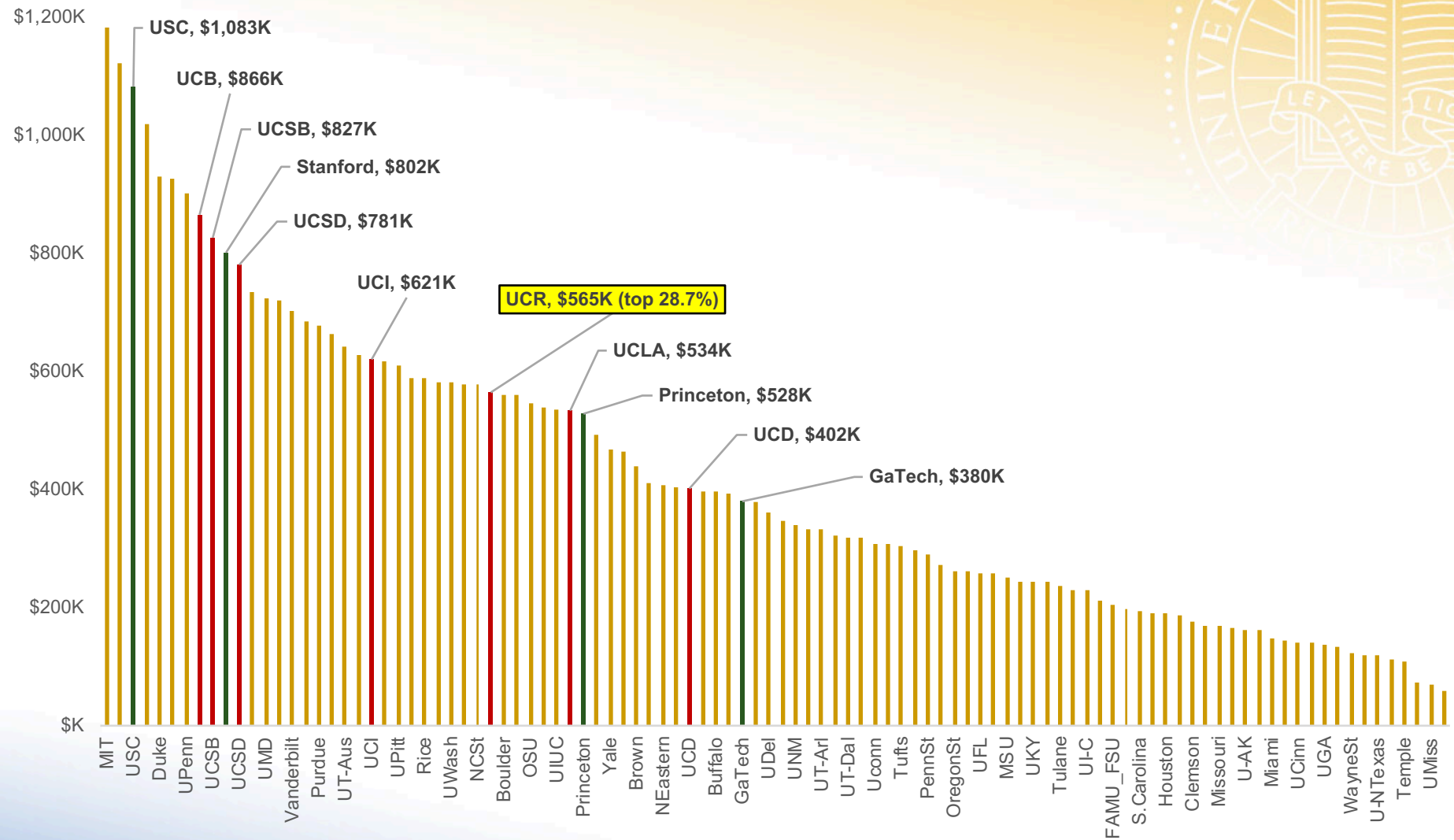


- **Proposal submission process**
  - ❑ College office provides support
    - CFPs, budgets, boilerplate, etc.
    - Mitch will provide details
  - ❑ Proposal submitted through RED
    - Office of Research & Economic Development
    - Agency contract is with the university
  - ❑ Proposal administered by department staff
    - Track expenditures, etc.

## BCOE Total Research Awards By Fiscal year

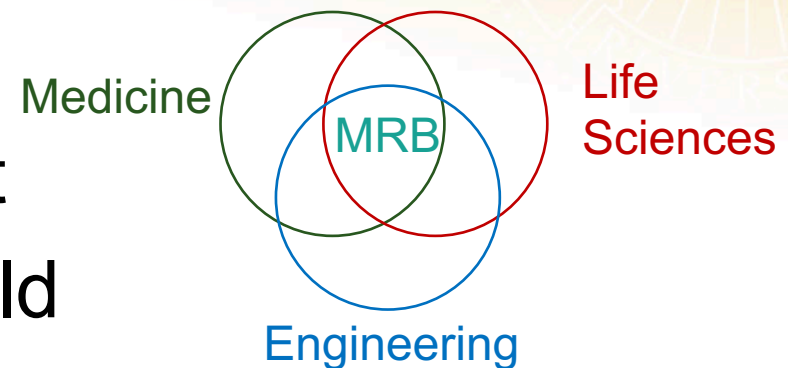


## Total Research Expenditures/Faculty R1 Engineering



# Multidisciplinary Research Building

- New building just north of MSE
- 179,100 gross sqft
- 125,510 assignable sqft
- \$150M total, \$105M build
- 56 faculty, 300 students
  - 46 wet-lab faculty, 10 computational
- Vivarium with 3000-5000 rodents





C. V. Ravishankar







