Graduate Education and Research

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

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

Materials Sci. & Engr.
Lorena Roman

Computer Engr.
Madie Heersink

Computer Science
Vanda Yamaguchi
PhDs Granted/Faculty
R1 Engineering

Stanford, 1.05
UCB, 0.96
UCI, 0.91
UCLA, 0.90
USC, 0.76
UCSD, 0.75
UCSB, 0.67
UMich, 0.64
Princeton, 0.60
UCD, 0.51
Yale, 0.44

UCR, 0.72 (top 18.3%)
Graduate Recruiting Timeline

- Application deadlines
  - January 5th for financial aid
  - September 1st for domestic applicants
  - June 1st 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

- 1st 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
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

- 2013: $20.25 M
- 2014: $28.04 M
- 2015: $29.25 M
- 2016: $39.52 M
- 2017: $37.41 M
- 2018: $50.02 M
Total Research Expenditures/Faculty
R1 Engineering

- USC, $1,083K
- UCB, $866K
- UCSB, $827K
- Stanford, $802K
- UCSD, $781K
- UCI, $621K
- UCR, $565K (top 28.7%)
- UCLA, $534K
- Princeton, $528K
- UCD, $402K
- GaTech, $380K

- MIT
- Duke
- UPenn
- USCB
- UMD
- Vanderbilt
- Purdue
- UT-Austin
- UCI
- Rice
- UWash
- NCSt
- Boulder
- OSU
- UIUC
- Princeton
- Yale
- Brown
- NEastern
- UCD
- Buffalo
- GaTech
- UDel
- UMN
- UT-Arl
- UConn
- Tufts
- PennSt
- OregonSt
- UFL
- MSU
- UKY
- Tulane
- UHCF
- FAMU_FSU
- S Carolina
- Houston
- Clemson
- Missouri
- ULA
- Miami
- UCinn
- UGA
- WayneSt
- UNTexas
- Temple
- UMiss
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