About Department of Math Sciences

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Head and Professor
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Research Activities
Research Faculty Average Number of Publications

![Bar chart showing the average number of publications for research faculty from 2001 to 2015. The chart indicates a general increase in publications over the years, with a significant spike in 2015.]
External Funding- AY2016-17

• **NSF Research Grants**
  - Buckingham - 2016-19
  - PeligradM - 2015-18
  - Shanmugalingam - 2015-18
  - Lim - 2014-17
  - Ding - 2015-17

• **NIST Research Grant**
  - Ding - 2015-18

• **NSA Research Grant**
  - Yizao Wang - 2015-16

• **Collaborative grants/ funding with UC units or other institutions**
  - Siva - coordinator for Stat Interns at CCHMC (annual)
  - Siva (Co-I, NIH, Mount Sinai) - 2014-19
  - Kang (Co-I, NASA/JPL at the California Tech Institute) - 2016
  - Kang – coordinator for STAT interns at P&G (annual)
  - WangX (CC*DNI Engineer) - 2016-17
  - Kang & WangX - NSF UCSienceNet - 2016-17
  - Hodges (NSF Directorship Buyout) - 2016-17
  - Smith (NSF Directorship buyout) - 2016-17

• **Simons Foundation Research Collaboration/Travel Grants**
  - Kaftal - 2012-17
  - Lorent - 2016-21
  - Siva - 2012-17
  - Weiss - 2012-17
  - ZhangB - 2011-16
  - Goldberg - 2013-18
  - ZhangS - 2013-18
  - Kang - 2014-19
  - Slavin - 2014-19
  - Xiao - 2016-21

• **Conference Grants**
  - NSF - Goldberg, Slavin - Ohio River Analysis Meeting (Annual)

• Total value over $1.50 million for this period (Data are from COES in the UC record).
Department Math Sciences
Number of External Grants
($7000 or more per year)
External Funding of Dept of Math Sciences

1999 – 2016 (in $$)

DATA Source: UC Online COES Reports
Number of Proposals submitted by Math Faculty
External Presentations – 2015

Total Number of external presentations = 119
Average of all = 3.6
Average of those who gave presentations = 4
Instruction Mission
Instructional Efficiency Ranking of A&S Departments – AY16
(Relative to Instructional Capacity)
Distribution of A&S Adjuncts, Visitors and McMicken Professors

McMicken Count  Term Adjuncts GA's Count & Annual  Annual Adjuncts Count  Visitors Count

Math  Women's Studies  Communication  Chemistry  Psychology  Sociology  Physics  Biology  Romance Language  Political Science  German  Geology  English  Geography  History  Classics  Anthropology  Judaic  Africana  Philosophy  Journalism
Distribution of SCH Taught
By A&S Departments – AY16
Overview both Undergrad (Green) and Grad (red) SCH staffed by A&S departments—cumulative AY2008-15
Grad SCH = 7.5% and Undergrad = 92.5%
A&S Departments’ Instructional Capacity - AY16
Counted by Total FTEs  (Including faculty and leaves, visitors, adjuncts...)

Diagram showing the instructional capacity of various A&S departments in AY16, counted by Total FTEs. The departments are listed horizontally with their respective FTE counts on the vertical axis. The highest capacity is in English, followed by Math, Chemistry, Biology, and others, decreasing as you move to the right.
Teaching-only Faculty’s Student Evaluation Scores
2015SS and 2015FS (Max =5.0)
Average Teaching Evaluation Scores and Response Rates (red) of All Instructors
2015SS+15FS - max score =100
Average Teaching Evaluation Scores and Response Rates (red)
of All Faculty (TT, Educators, Rep Adjuncts)
2015SS+15FS - scaled by max = 100
Overview both Undergrad (blue) and Grad (red) SCH staffed by A&S departments
FY2008-15
Teaching credits staffed by A&S Math Sci
FY2001 - 16
Graduate Program
Math/Stat PhD Graduates
(Calendar Year 2001-2016)

STAT PhDs=29
Math PhDs=40
MS Graduates – AY2008-16
A&S Graduate Degrees by Departments
AY2008 - 16

[Bar chart showing the number of graduate degrees by department for each fiscal year from FY2008 to FY2016.]
A&S Masters Graduates –AY2008-16

[Bar chart showing the number of master's graduates in various subjects from AY2008-16.]
Undergraduate Program
Undergrad Majors
AY2008-16
MATH  Undergrad Majors (blue), Minors (Red), MS (green), and PhD (purple)
FY2008-15