Ranking of A&S – Math Sci by the Academic Analytics

• In 2009 A&S Math Sci was ranked 113th out of 169 doctorate granting math departments in the US.

• In 2014 the ranking A&S Math Sci has leaped 50th out of 167 doctorate granting math departments in the US.

From lower one-third to upper one-third within few years is truly a remarkable improvement.
Research and External Funding
Total External Funding of Dept of Math Sciences 1998 – 2014 (in $1000 s)
Department Math Sciences
Number of External Research Grants
(with $7000 or more per year)
External Funding of A&S
FY2012, 13, 14
Blue – FY2012, Red FY2013, Purple FY2014
Collective Citation Indices of Faculty
Data of American Math Society –Science Net

Number of times of faculty's research results cited
Number of authors who cited faculty's research

- Collaborations with College of Medicine, UC Environment and Health, Biology Department, Dayton Airbase, ...
- 60+ research projects with institutions in multiple countries
- Several faculty serve on Editorial Boards of Math Journals with international circulation
- 1-3 research conferences per year organized on UC Campus
Graduate Program
PhD Graduates FY1995 – 2014
- 10-13 PhD internships in local institutions and businesses- CCHMC, P&G, Kendal, Insurance Companies, ...
- MS students pay full tuition
- MAT Program to train high school teachers
- Math Graduate Certificate for training high school math teacher for dual-enroll courses
Undergraduate Program
Undergraduate math majors and minors certified 2000-2014

Certified Minors
Certified Majors
• 2+2 Joint Undergraduate program with Capital Normal University in Beijing, China (Another with BISTU is in the process)
• Collaborate with local insurance companies
Teaching Mission
Undergrad SCH staffed by A&S Math Sci

FY2001 – 15

(All quarter SCH have been converted to semesters')
Undergraduate Student Credit Hours
staffed by A&S Departments
Cumulative total during FY08-15
Total Graduate Student Credit Hours (SCH) Staffed by A&S Departments FY2008 - 2015
Average Teaching Evaluation Scores of All Math Instructors – 2013SS-FS

Perfect = 5.0

(The scores are stable during the last 4 years)
Outreach Activities
• Math Bowl (Annual math competition of local high/middle school students)
• Multiple Dual-Enrollment courses mentored at local high schools
• Active participation on the Ohio Board of Regents (5 faculty) for improving math education
• Math Circles between several faculty and high school math teachers/students
• Faculty’s participation for national AP Exams
• Collaborative efforts on math education with other UC campuses
Faculty Structure
Male-Female Faculty Ratio
(Much higher ratio of female faculty than peers)
Male-blue, Female - Red

UC-Math

AMS-Group II
2013 A&S TT Faculty Distribution
(*-Taft Departments)