



State of the College Fall 2013

Costas Tsatsoulis

Dean

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Our College of Engineering



Fall 2013

- 85.45 (84) Faculty
- 3,008 students

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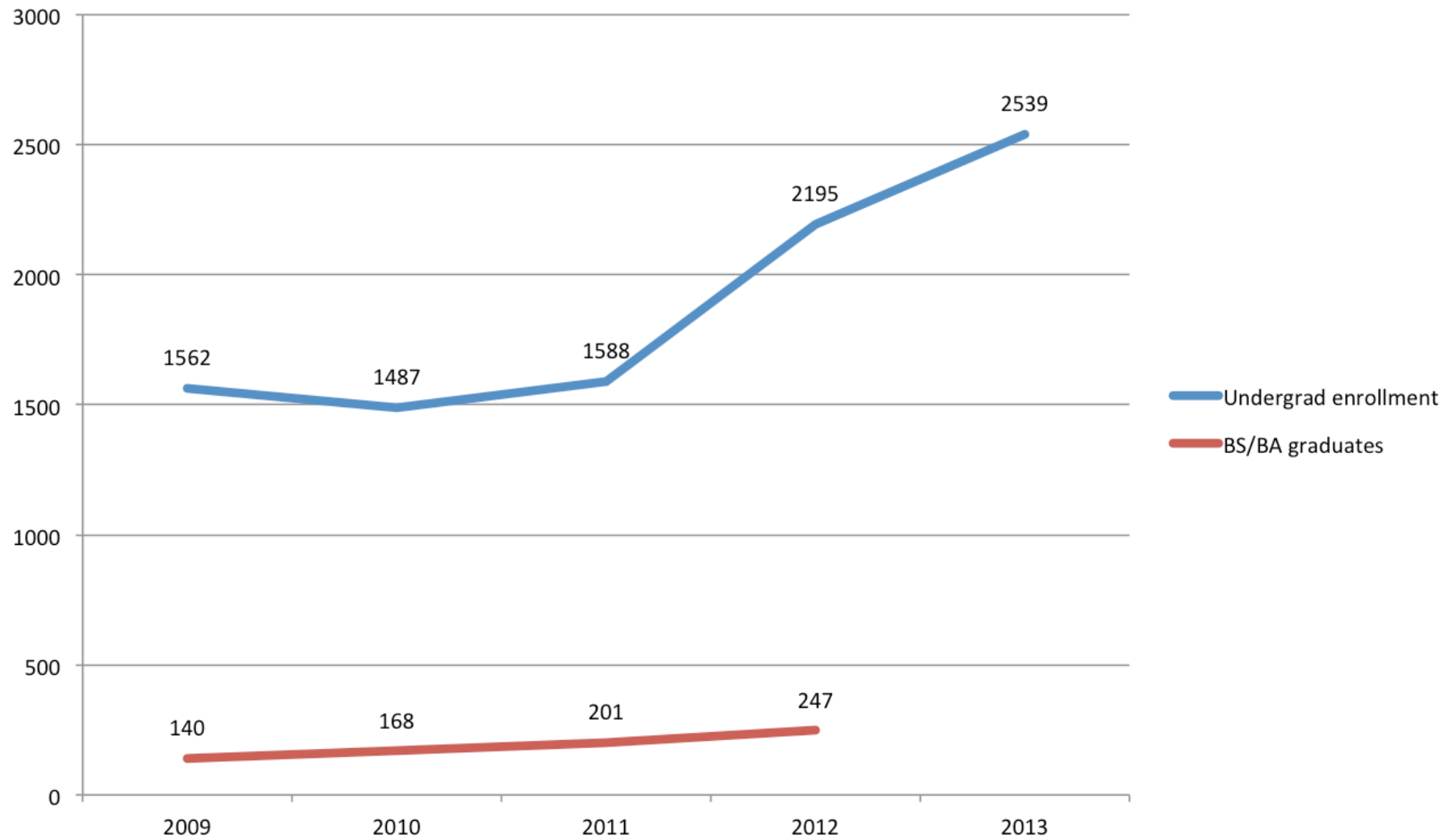
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Undergraduate Program

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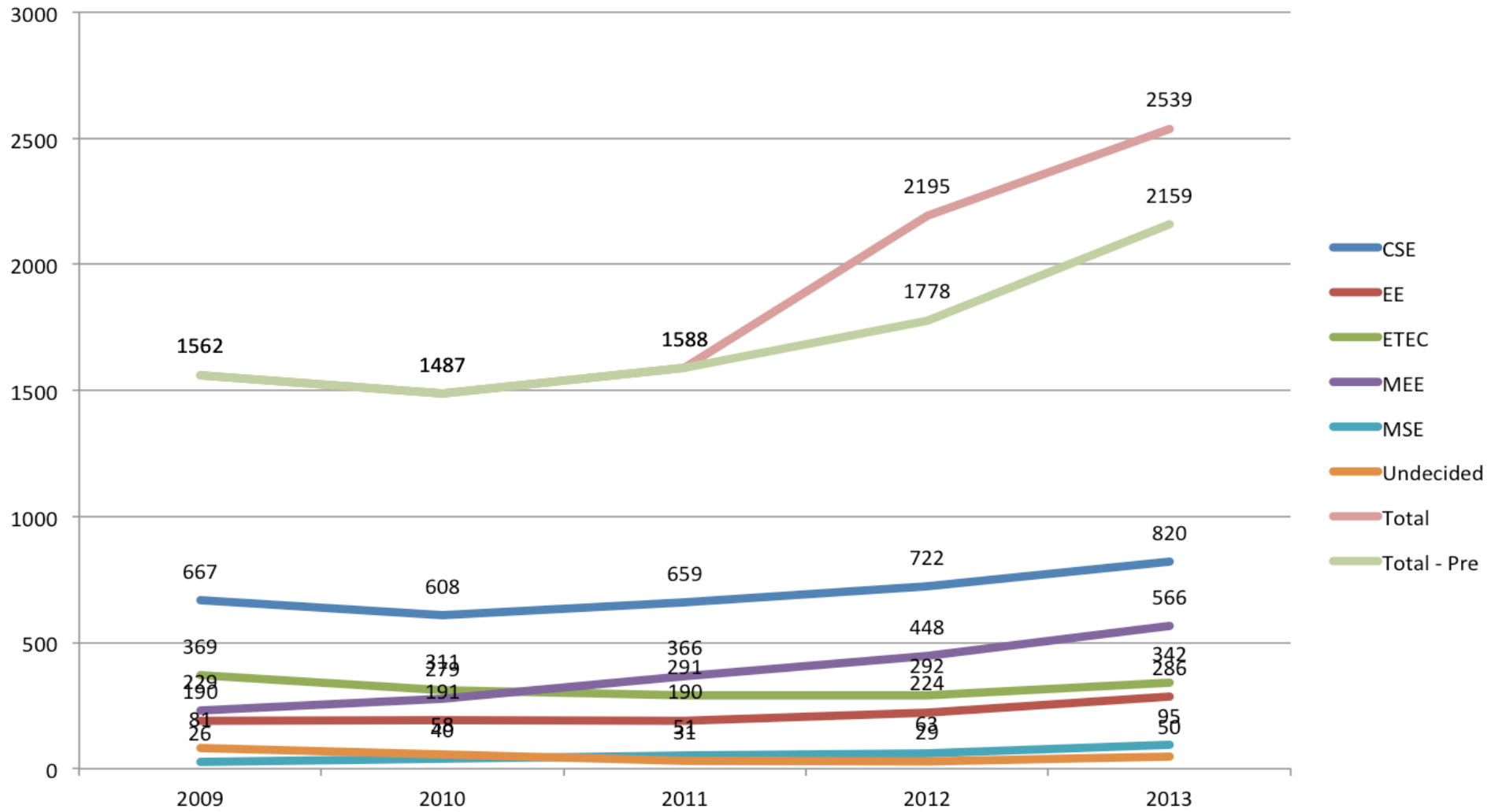
Engineering Undergraduates



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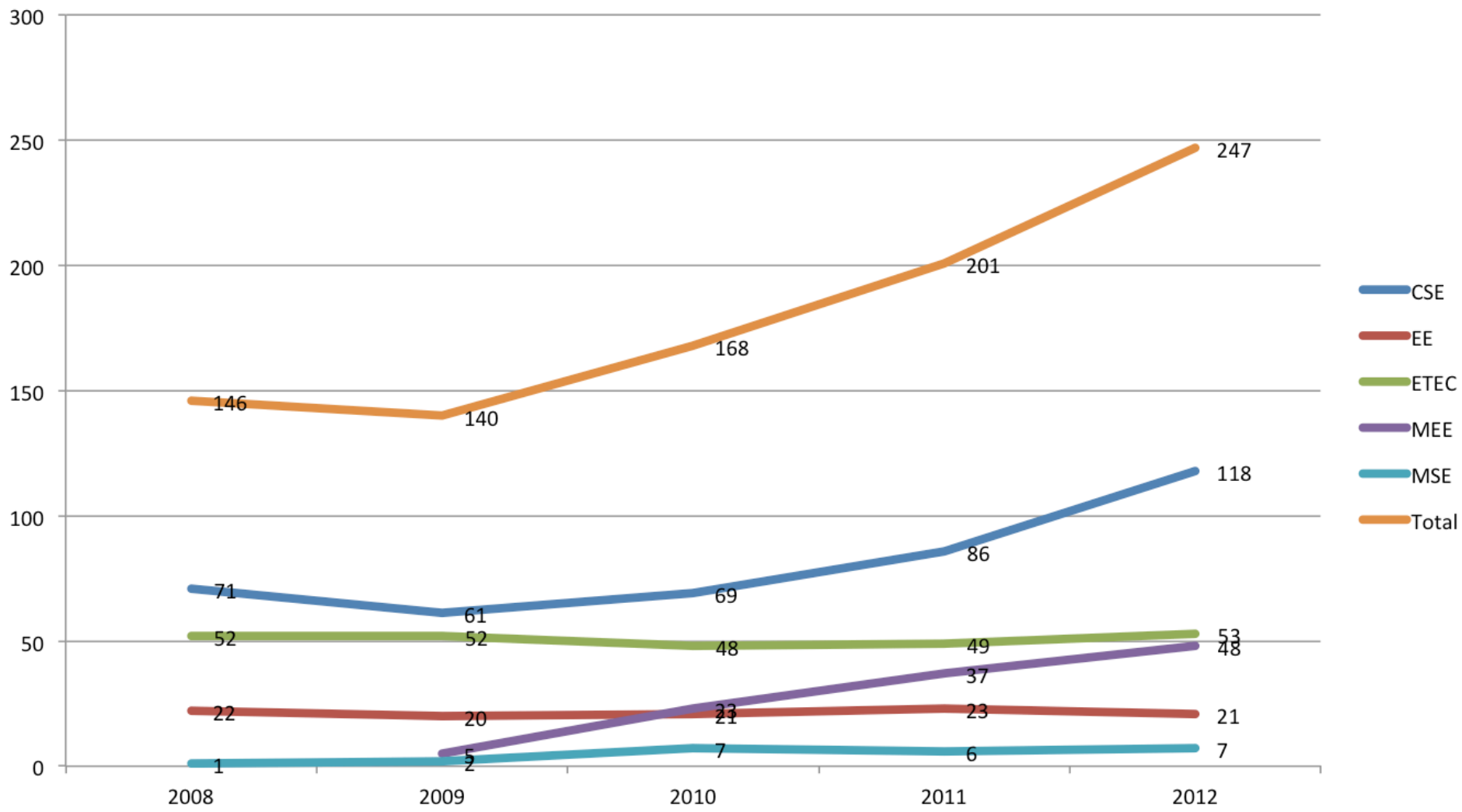
Engineering Undergraduates



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Undergraduate Degrees



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Other

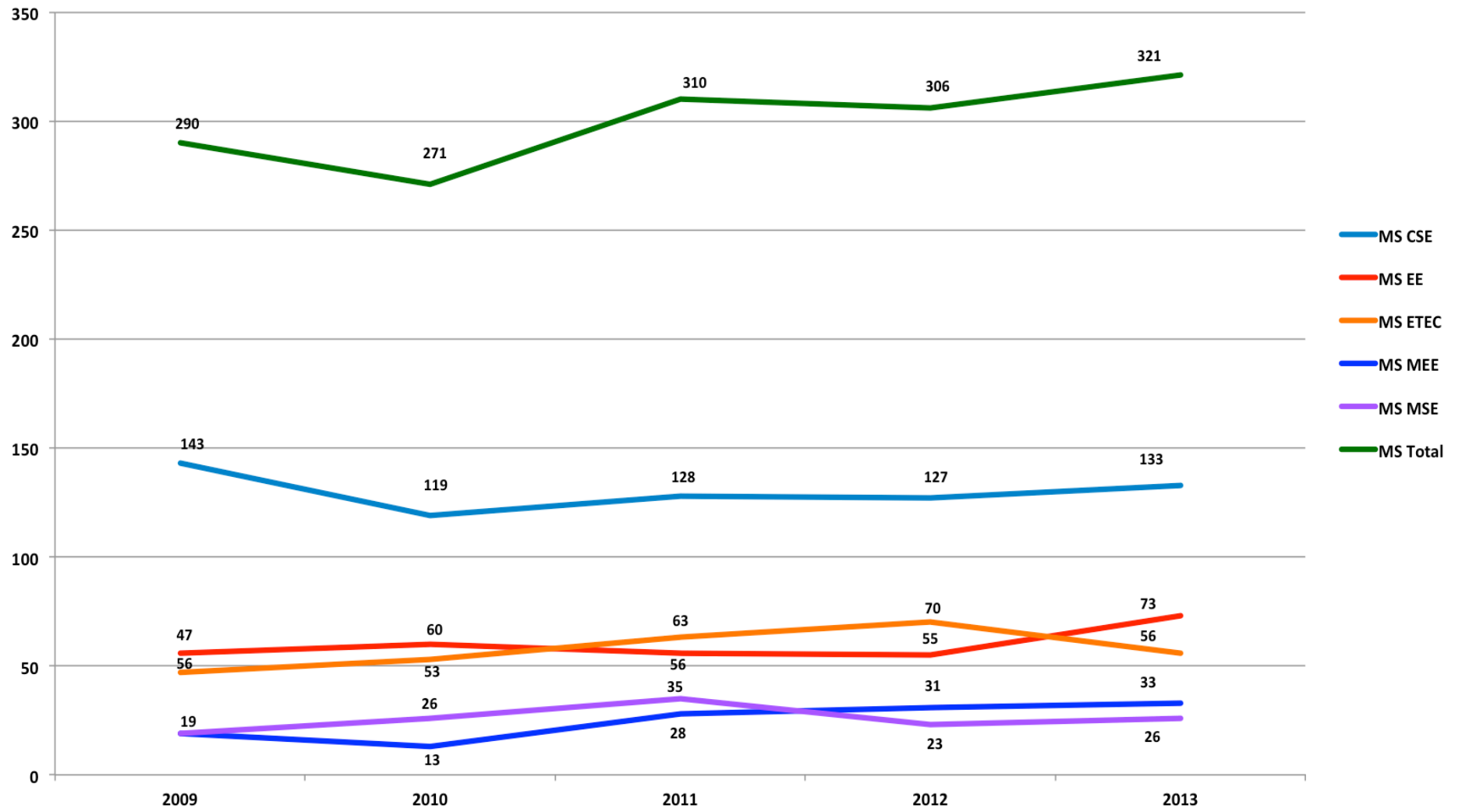
- BS MEE accredited
- Engineering Community in Kerr Hall now has 90+ students
- Signed a number of articulation agreements with area CCs
- Using the Engineering Fee (EF) we hire peer tutors
- The EF was used to offer \$155,000 in scholarships
- The EF will be used to support the professional development of our students
- Thai interns joined us in the Spring
- We added the Soc. of Petroleum Engineers
- SAE Formula car made its debut
- Departments are working on offering some courses on-line
- Developed policy for dismissal
- Restructured advising

Graduate Program

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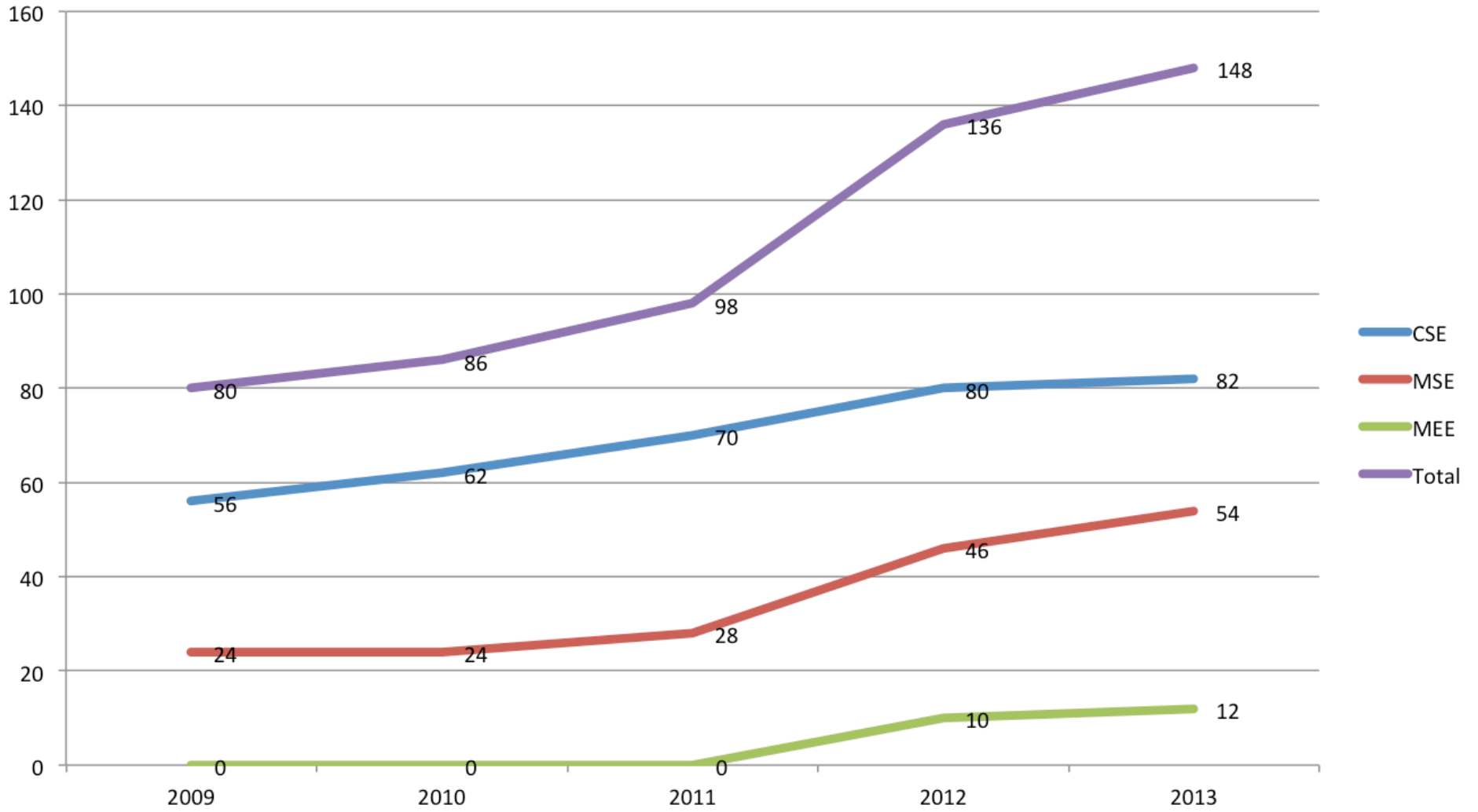
MS Enrollments



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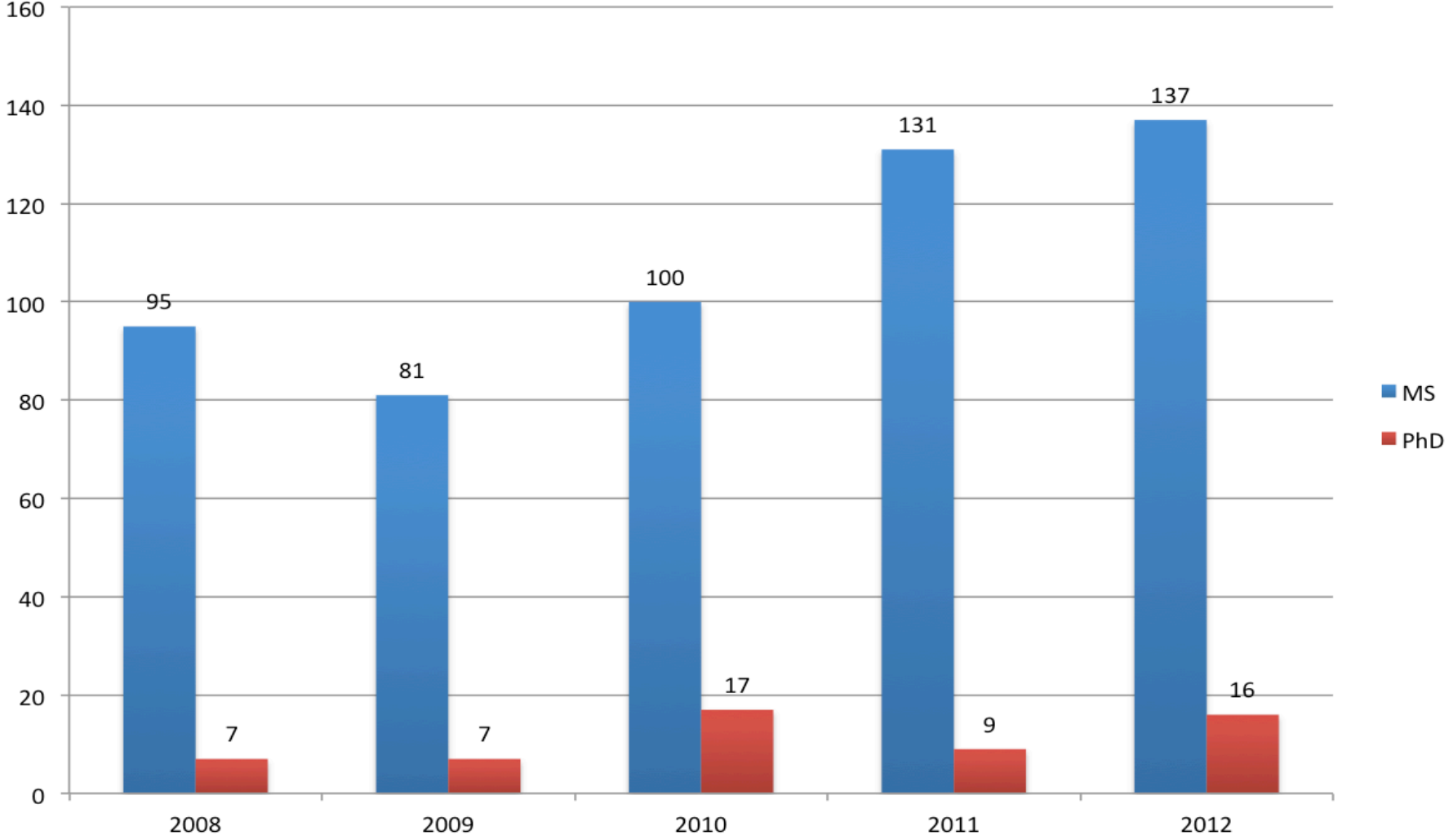
PhD Enrollments



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Graduate Degrees Awarded



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Other

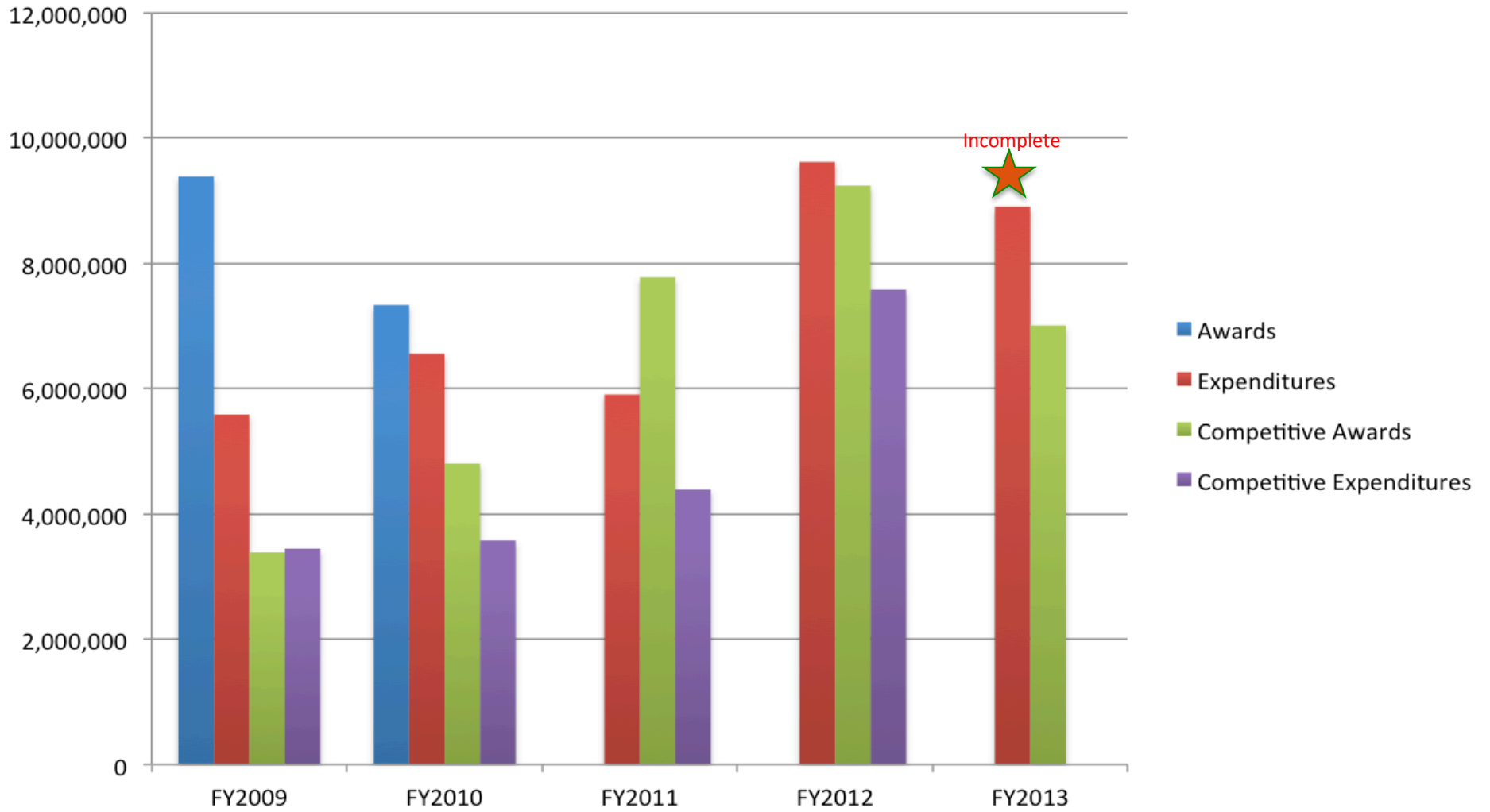
- MEE PhD proposal going to the BOR in December
- Five year BS/MS proposal reviewed by the Graduate Council
- Early admission to our PhD program under review by departments
- The EF allowed us to offer \$60,000 in tuition scholarships
- New policy to use the EF to support attendance of conferences
- EF supports writing tutors
- We are moving our preferred deadline for admission to January 15

Research and Scholarship

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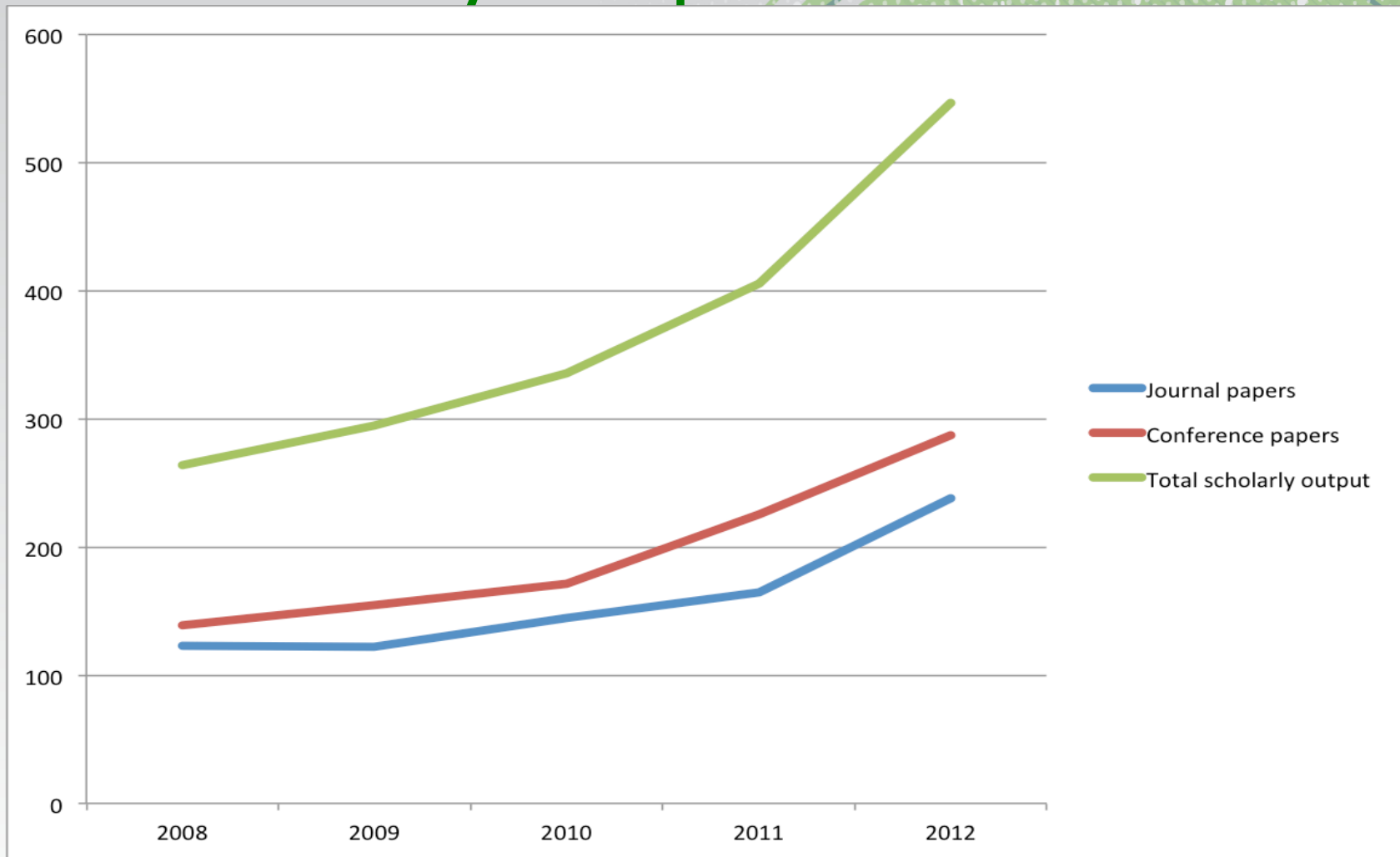
Research Funding



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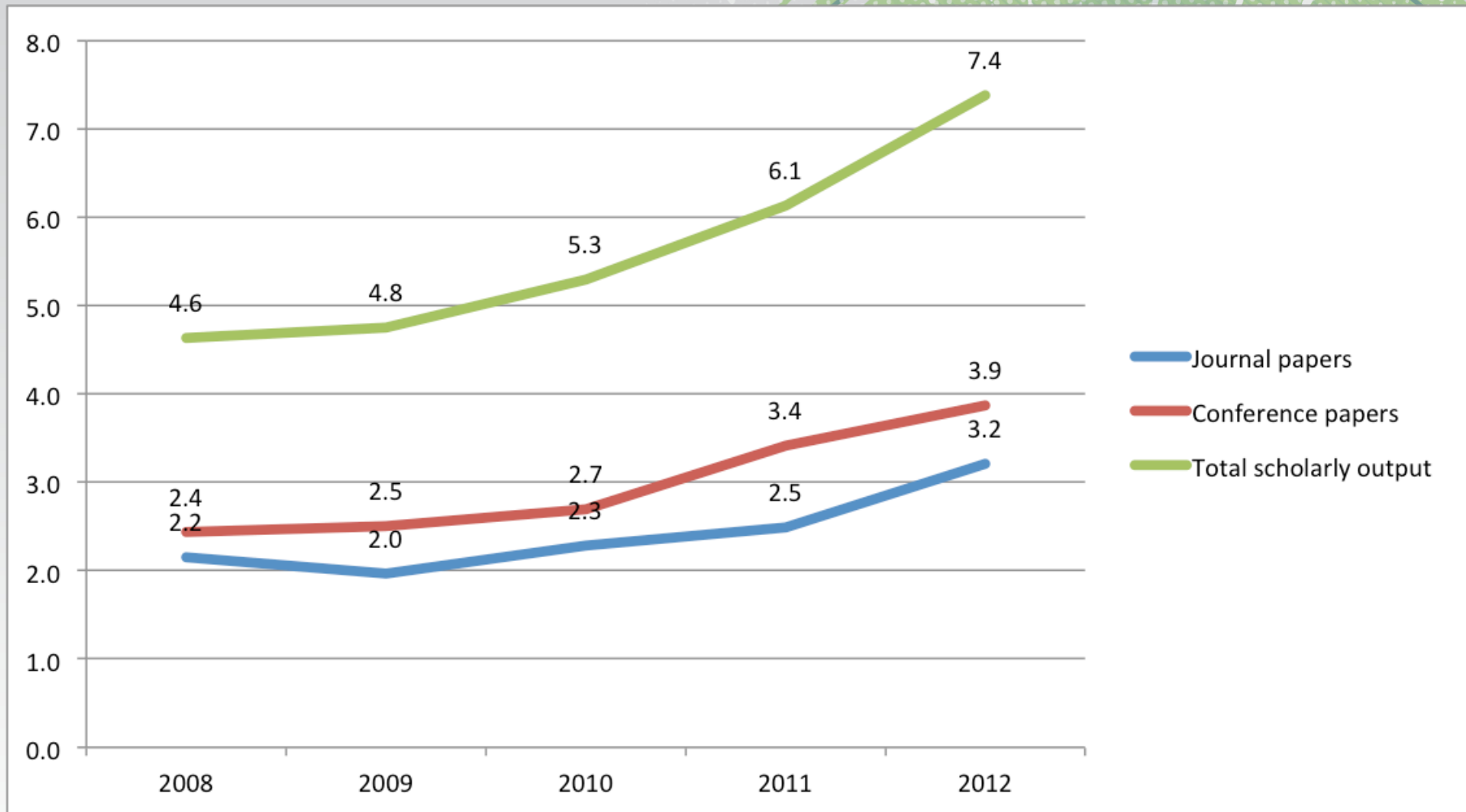
Scholarly Output



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Scholarly output per capita



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Building a Research Infrastructure

- Moved our Engineering Research Services to its own space
- Hired a pre-award person
- We are seeing increased use of our manufacturing technician
 - Not so much of our software engineer
- Working with the new VPR to make new opportunities available to our faculty and to help streamline ORS services

Development and Outreach

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Industry

- Last year 120 total companies attended our Fall and Spring career fairs
 - Last week 78 companies attended our Fall career fair
- Hosted the Energy Summit organized by Congressman Burgess
- Organized a showcase of CSE in Dallas through dtx Consulting, a company of a UNT alumnus
- We have received industry funding for our senior design projects
- It is a continuing process that engages all faculty and staff
 - Research funding from industry exceeds \$1M
 - Building partnerships and teams to go after federal funding
 - Working on becoming subcontractors on IRAD

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Advancement

- The Engineering Capital Campaign continues to engage alumni
 - Events in Seattle, DFW, Houston, Georgia
 - We continue to grow the Action Team
 - Chairs are very engaged in alumni outreach
- We organized a Night at the Perot Museum with UNT-wide participation
- We continue to receive funds for scholarships from companies and individuals

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Others

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Faculty Additions

- Two new faculty hires
- Four new positions (MEE, CSE) for next year
 - Two are to replace Drs. Mihalcea and Burzo
- UNT is expecting much more aggressive hiring the following year

Construction and Renovations

- MSE offices – completed
- MEE teaching lab – completed
- MEE research lab, faculty offices – completed
- High Bay area labs - completed
- CART space – completed
- Old CART space renovations – under construction
- Engineering Testing Facility – under construction
- Extension of Discovery Park – in programming phase

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International Relations

- Six Thai students worked in our labs
 - More will join us in 2014
- Signed MOU with Chulalongkorn U., with Inst. Tecnologico de Saltillo, and with Korea University
- Working on two 2+2 degrees with Thammasat U. (EE and MEE)
- Signed “sandwich” CSE PhD with the Greek National Research for Scientific Research
- Faculty continue to teach, visit, do research overseas
- We have a robust international research visitor program

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Next Year

- Continue what has been successful:
 - Recruiting, retention, scholarship, proposals, fund raising
- Strategic planning
- New/on-going efforts:
 - Math placement of new students – change Orientation?, graduate student recruiting, PhD student progress tracking, junior faculty mentoring – Mentor Academy
 - Summer courses are becoming a major focus of UNT
 - Offer certificates and/or degrees for working professionals
 - Move forward on the DP extension
- Open to other proposals from Departments and faculty

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The background features a large, abstract circular graphic on the right side. It consists of several concentric rings in various shades of green, from light to dark. Overlaid on these rings are numerous dashed white lines that radiate outwards from the center, creating a grid-like or orbital pattern. The left side of the image is a plain, light grey gradient.

Questions?

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