



# The MATSE UG Enrollment Floodgates Are Open: Analysis and Implications

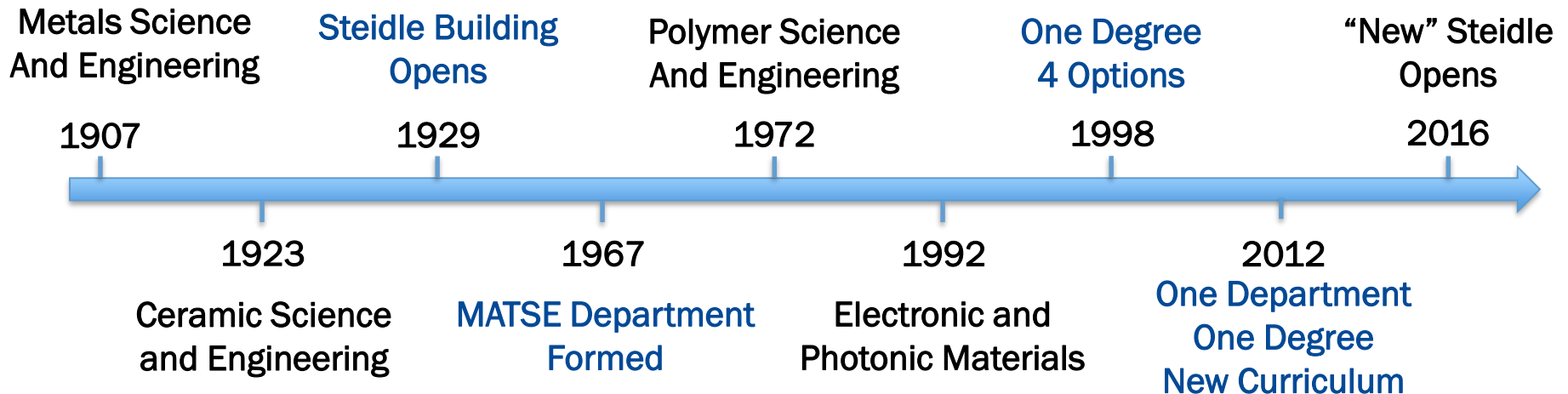
R. Allen Kimel and Susan B. Sinnott



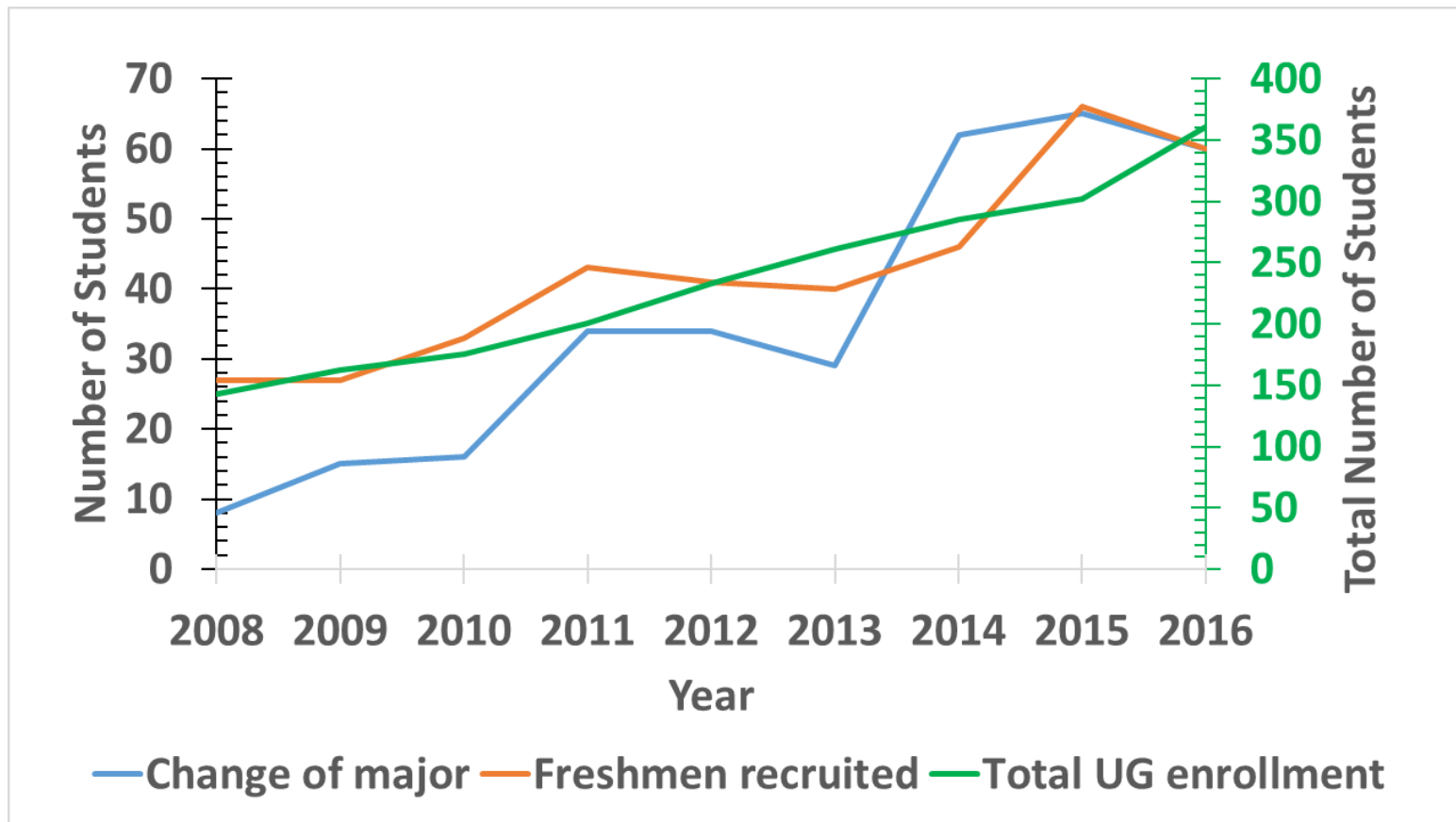
**PennState**  
College of Earth  
and Mineral Sciences

Department of Materials  
Science and Engineering  
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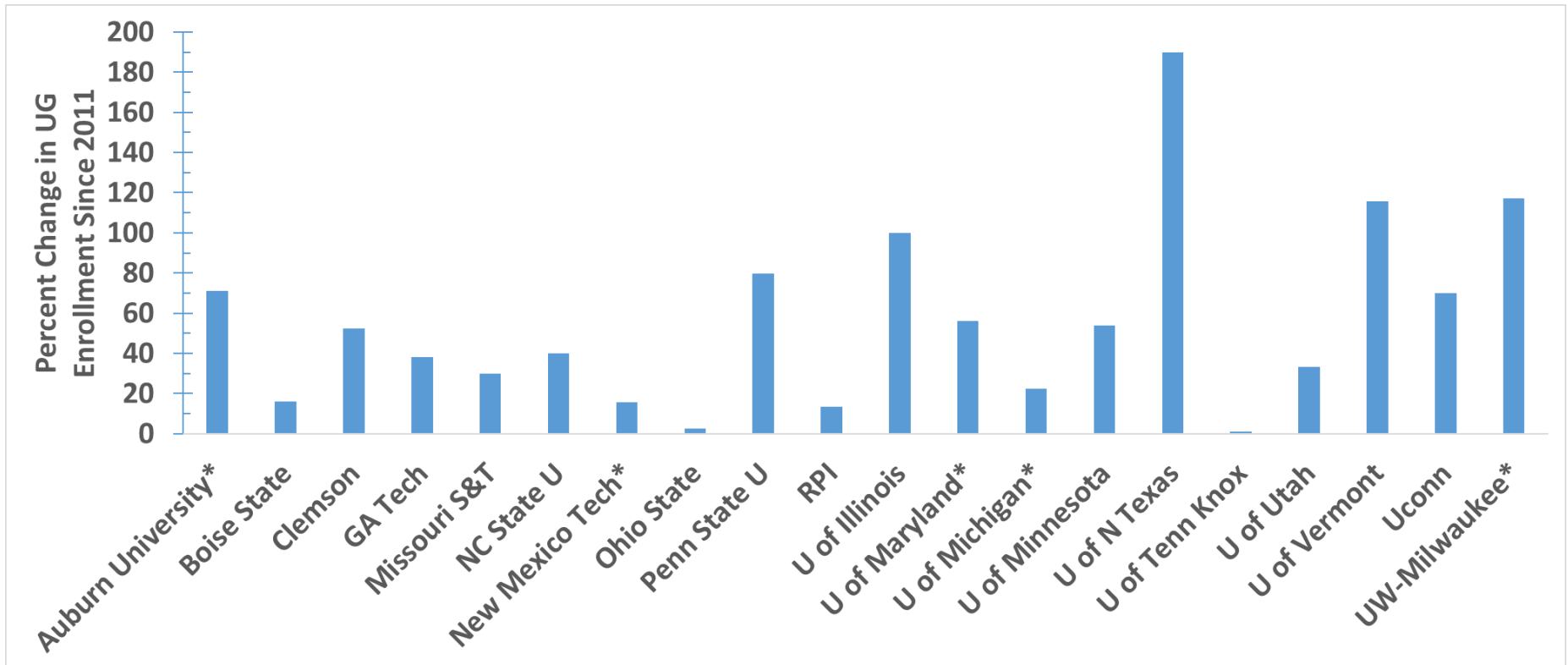
# Academic History of MATSE at PSU



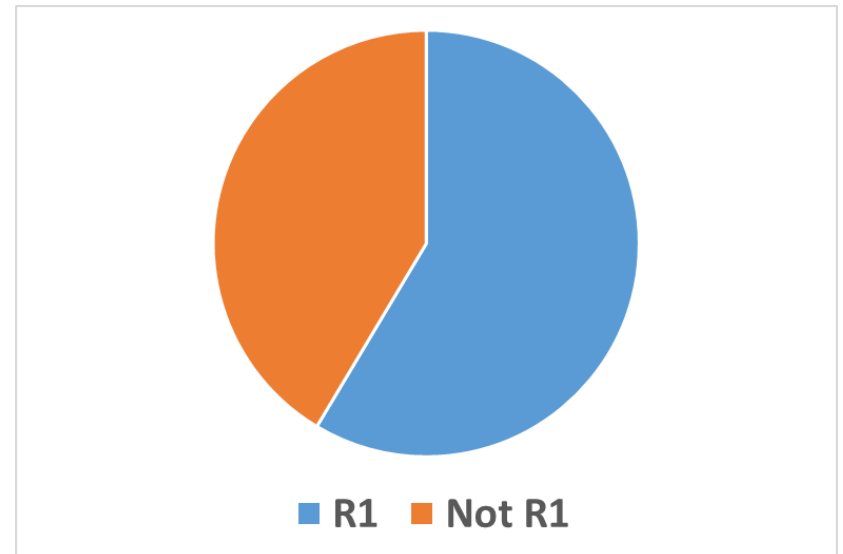
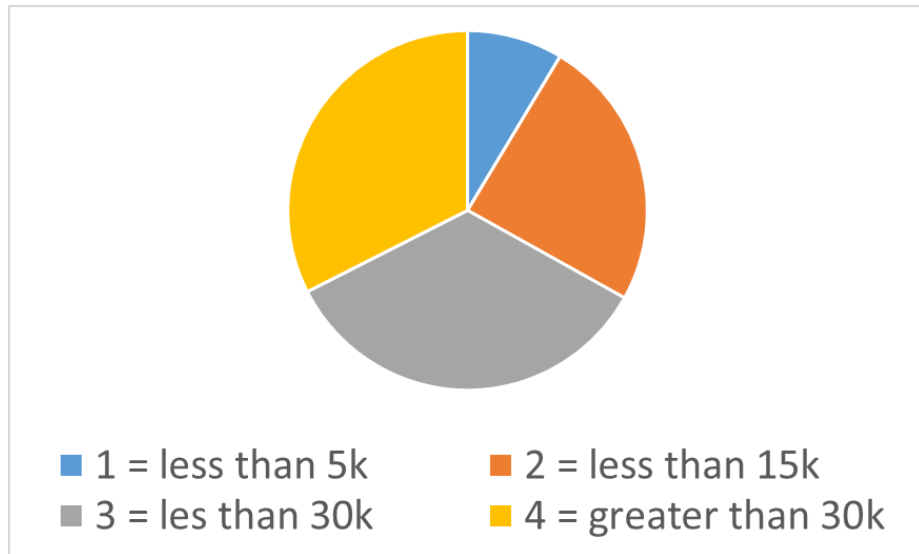
# PSU MATSE Enrollment Trends 2008 - Present



# Enrollment Trends 2011 - Present

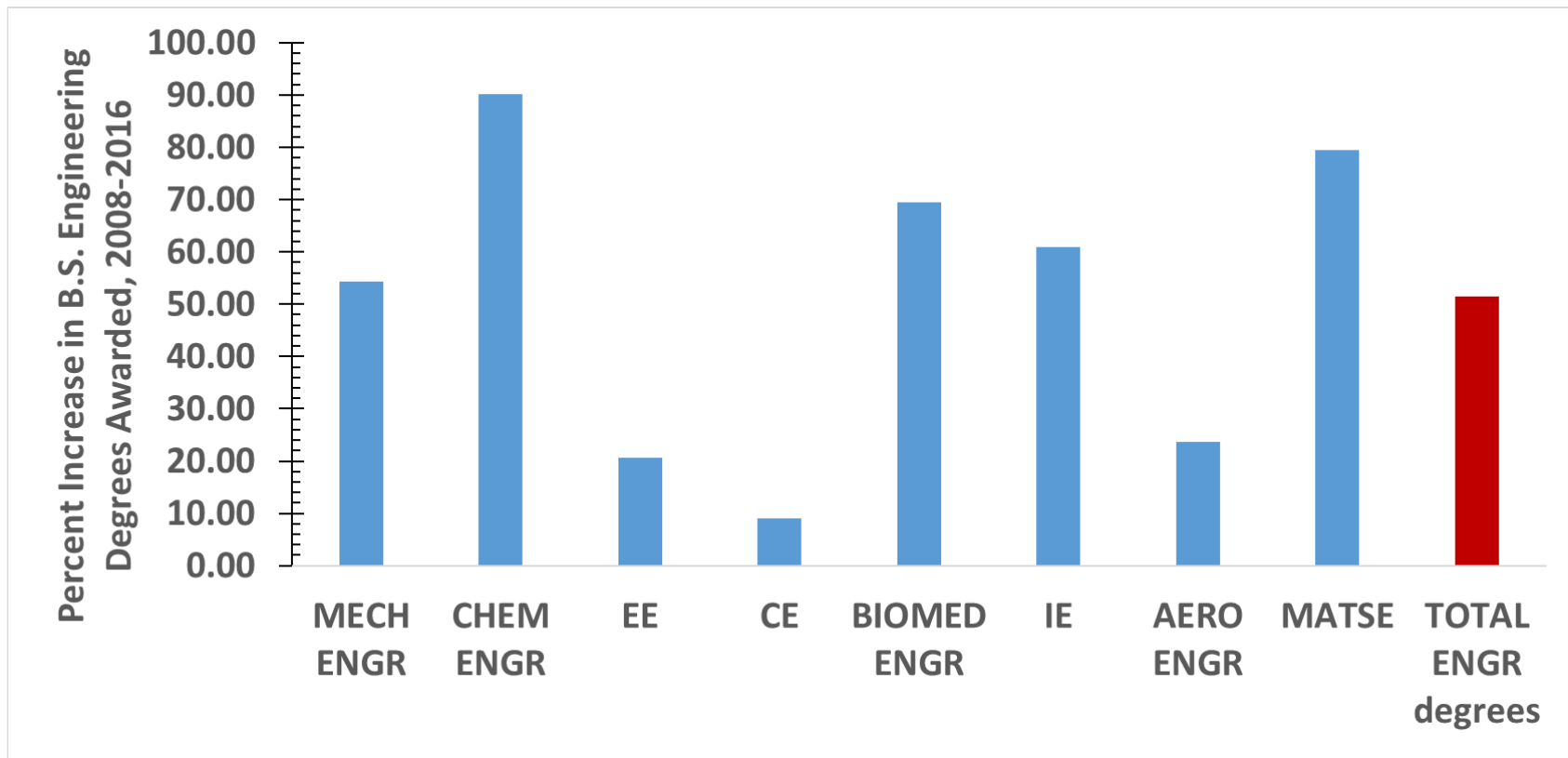


# Enrollment Trends as a Function of University Size and Research Activity



# Percent Increase in UG Enrollments as a Function of Engineering Discipline

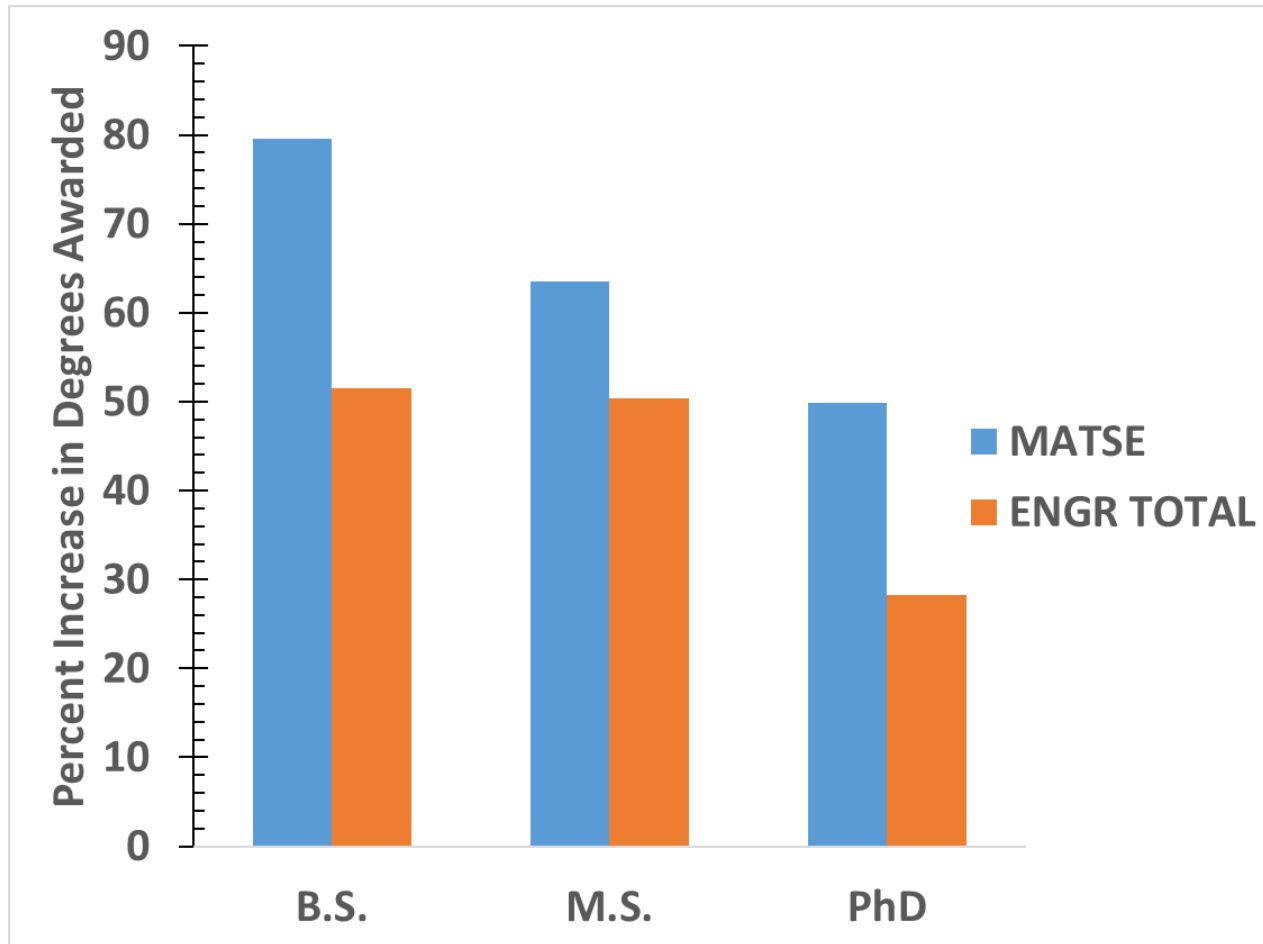
2008 - 2016



# Possible Influences on Growth

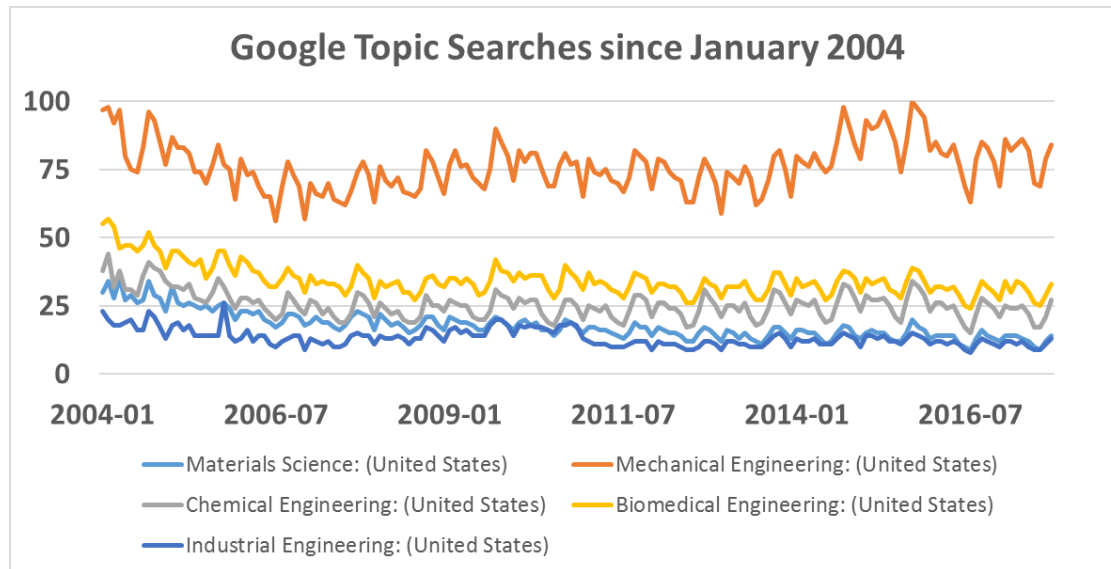
- Increase in research and teaching expenditures
- Increase in international student enrollment
- Increase in number of programs and generalization of curricula
- Outreach of institutions and professional societies

# Percent Increase in Degrees Awarded





# Another Perspective



## Number of Publications per Year

	2000 - 2010	2011 - present
Newspapers	96.6	176.6
Popular Magazines	7	12.1