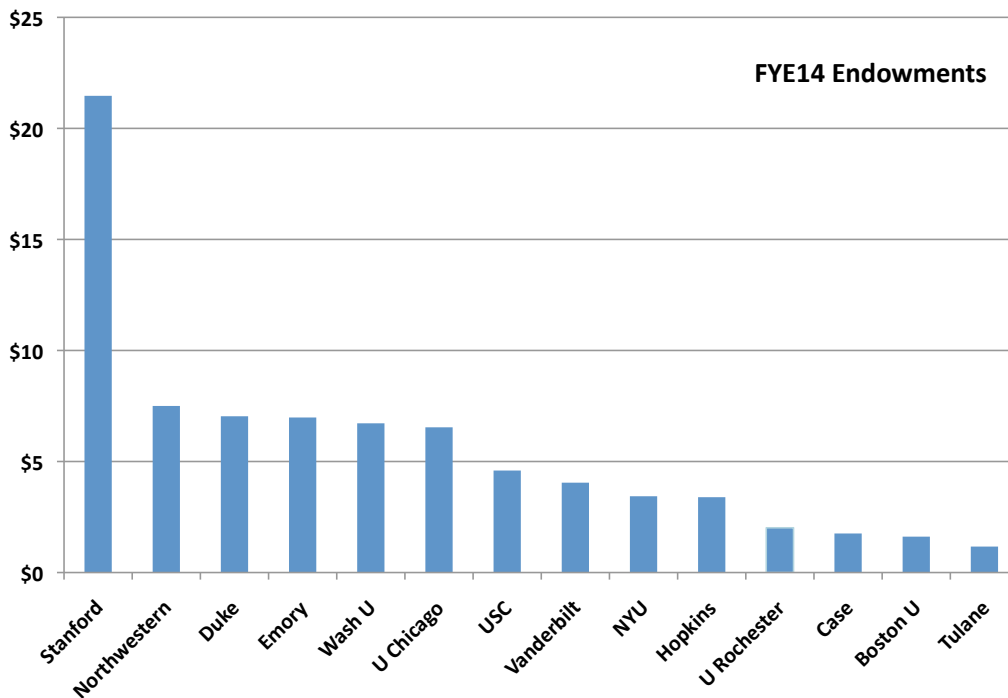


# Faculty Senate

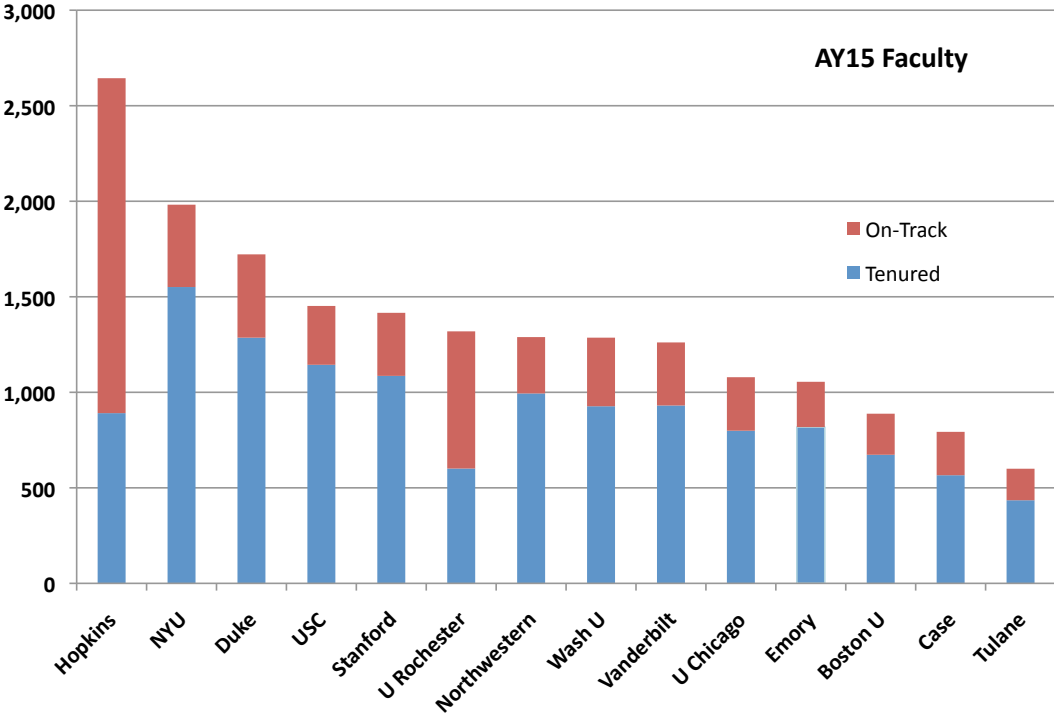
February 9, 2016



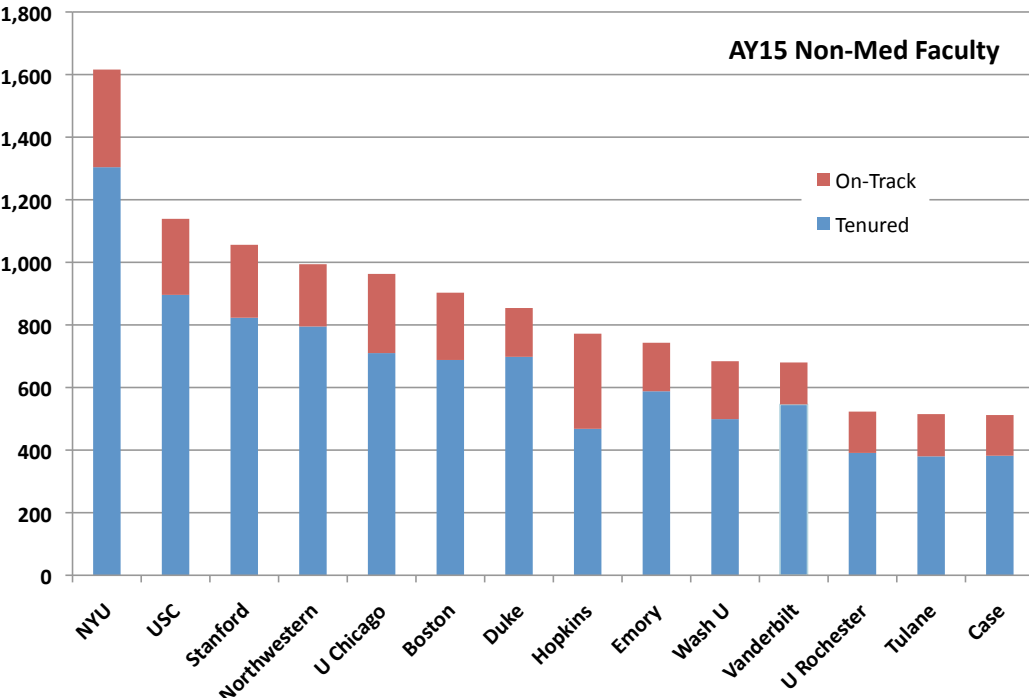
## Endowment, \$ Billion



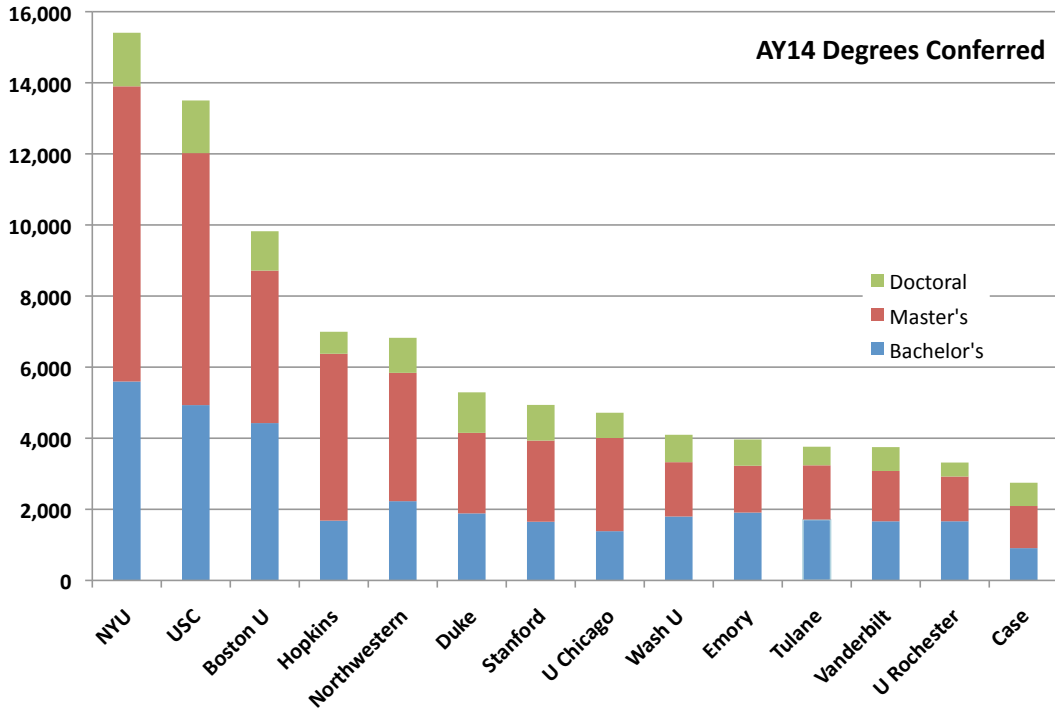
# All Tenure-Track Faculty



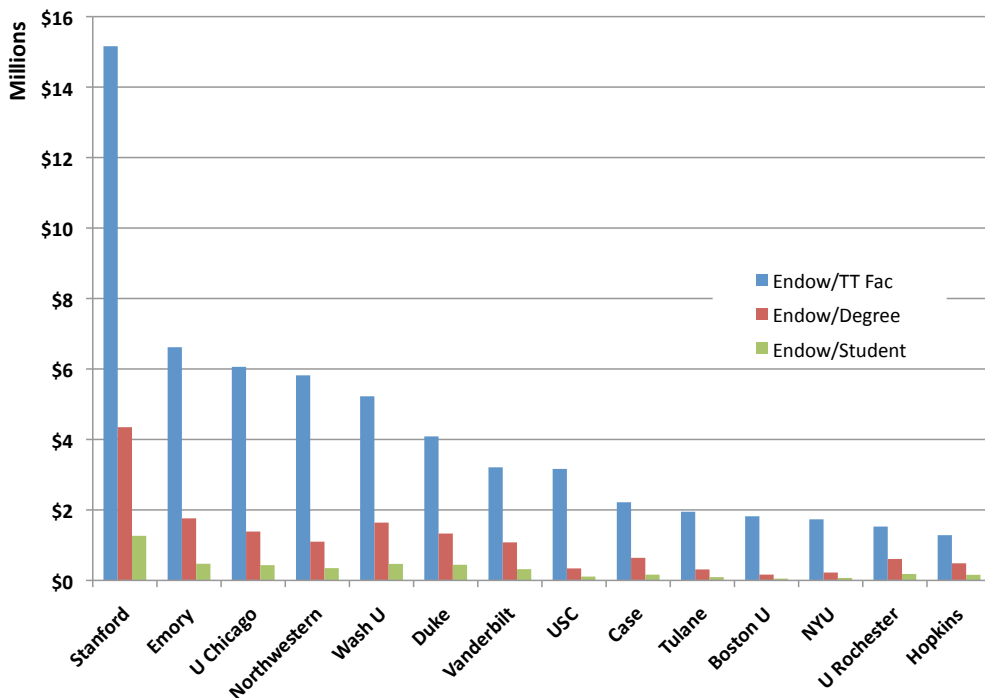
# Non-Medical Tenure-Track Faculty



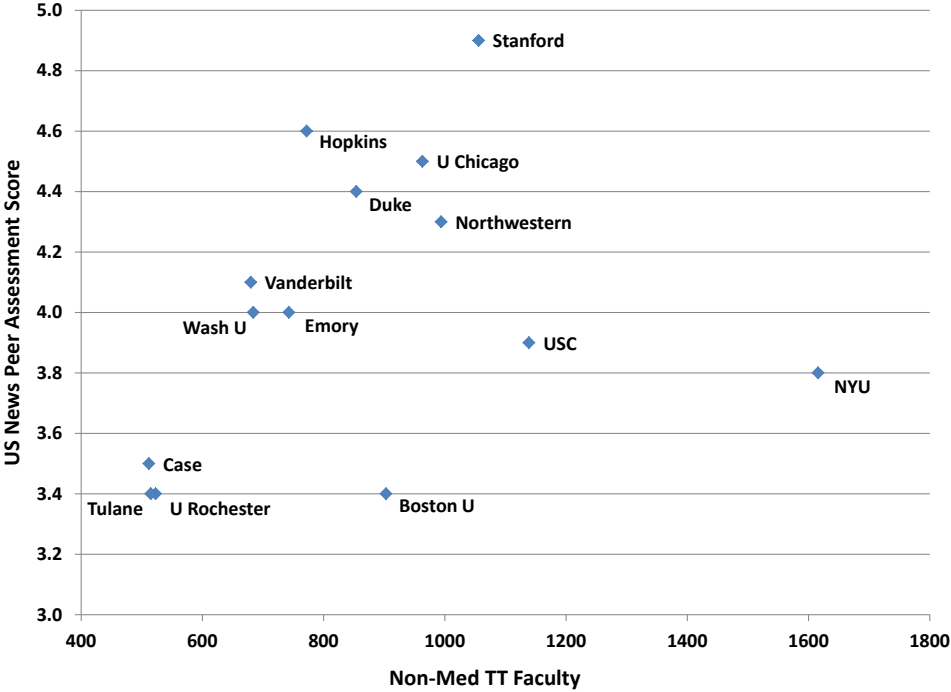
## Degrees Awarded in 2014



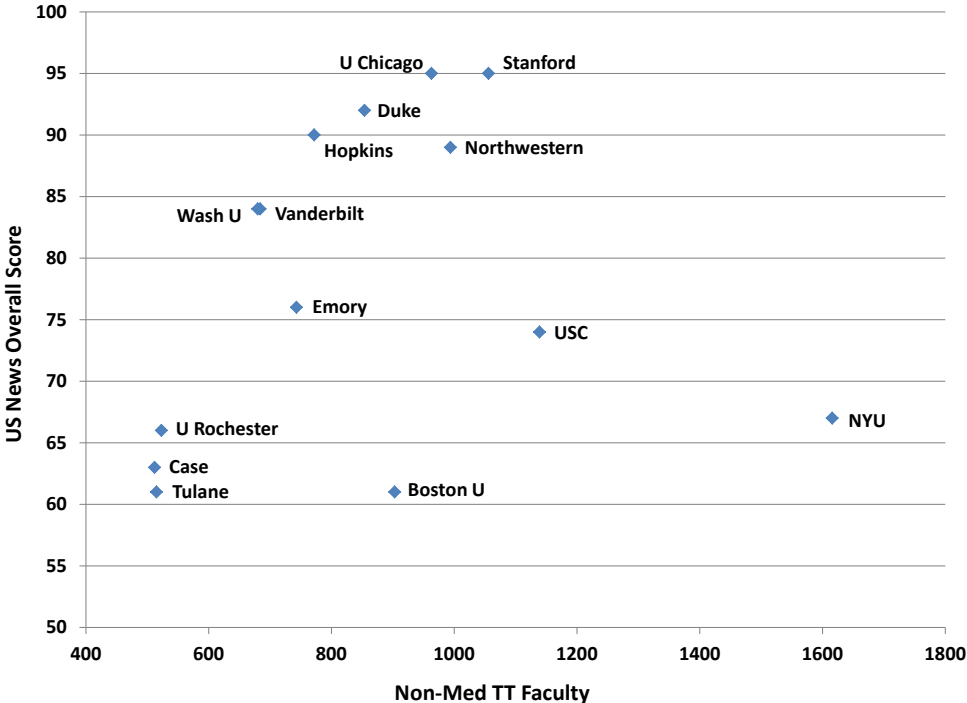
## Endowment per Faculty, Degree, Student



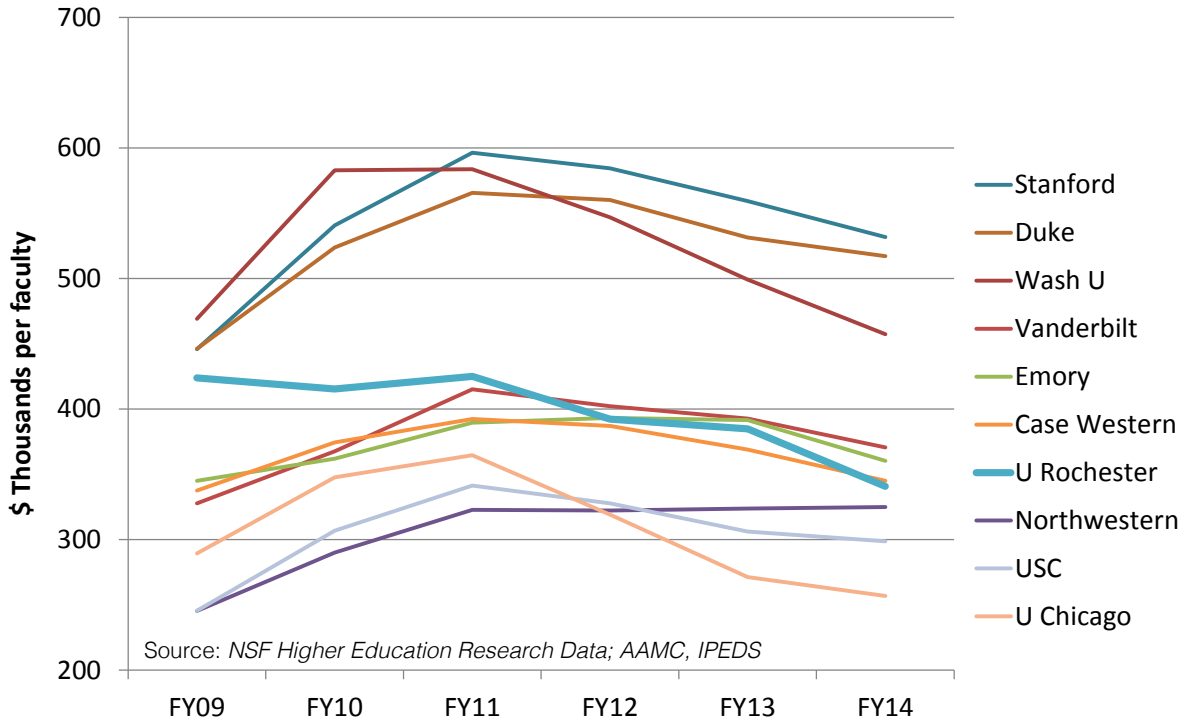
# US News Peer Assessment vs Faculty Size



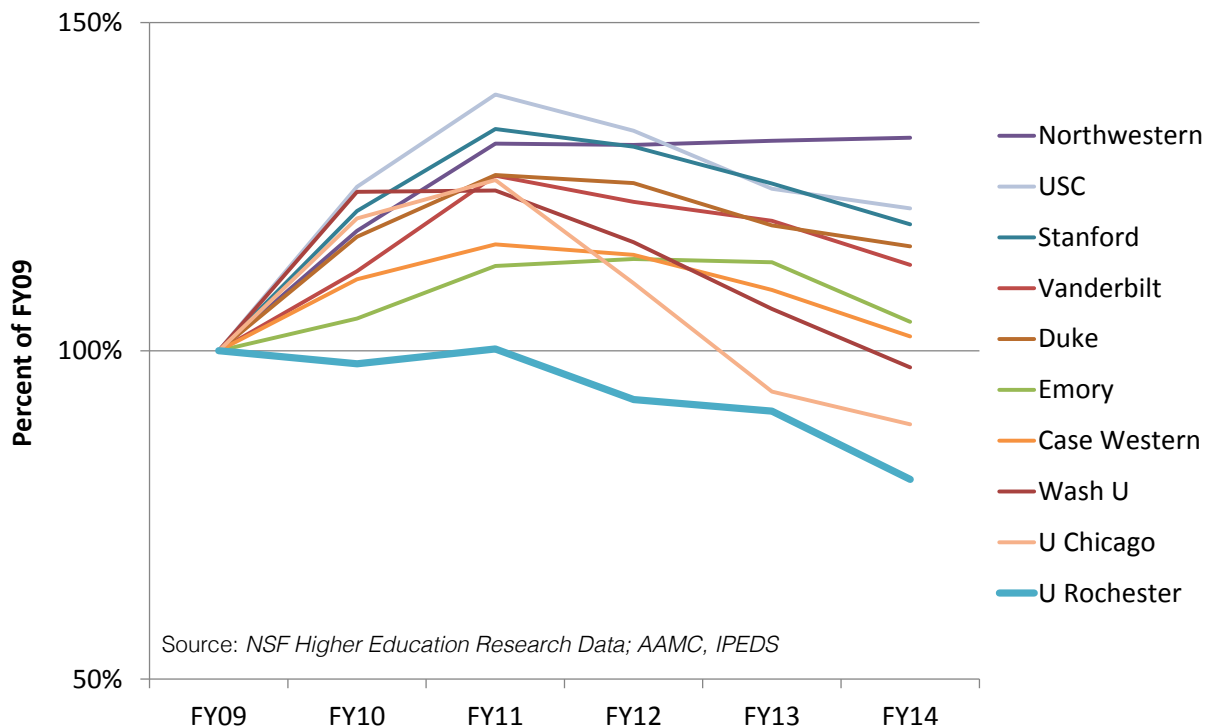
# US News Score vs Faculty Size



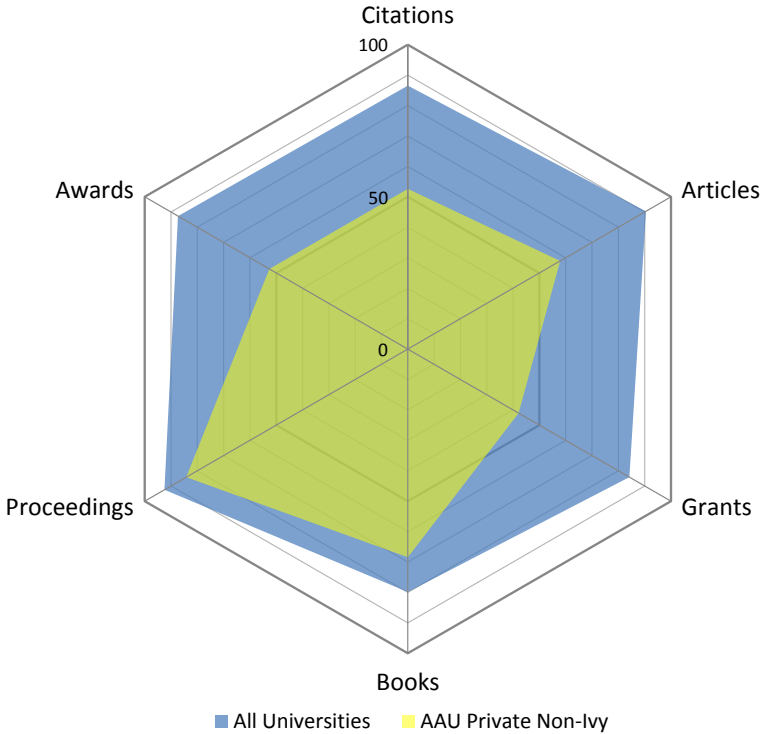
## Per Capita Research Expenditures



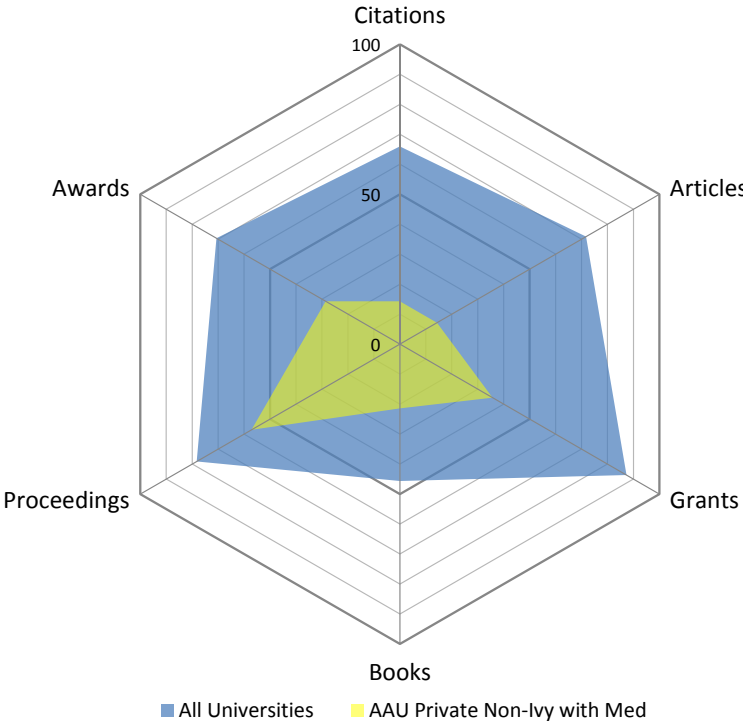
## Normalized Per Capita Research Expenditures



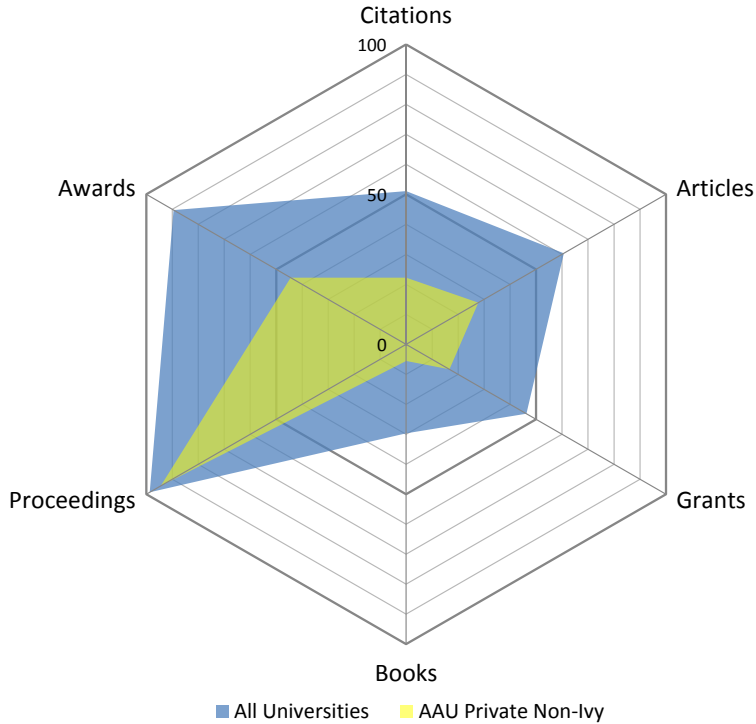
# Productivity in Physical and Mathematical Sciences



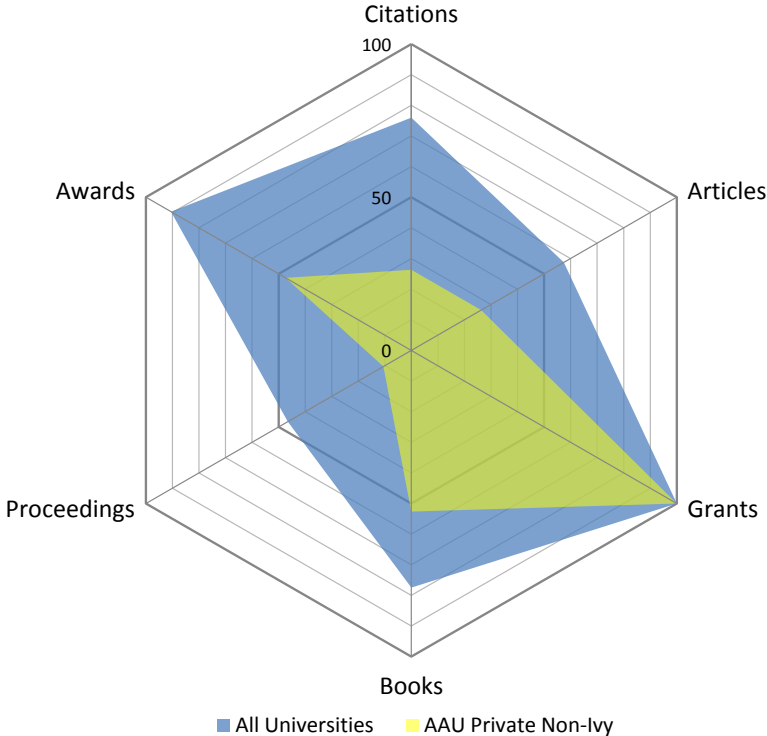
# Productivity in Biomedical and Biological Sciences



# Productivity in Humanities



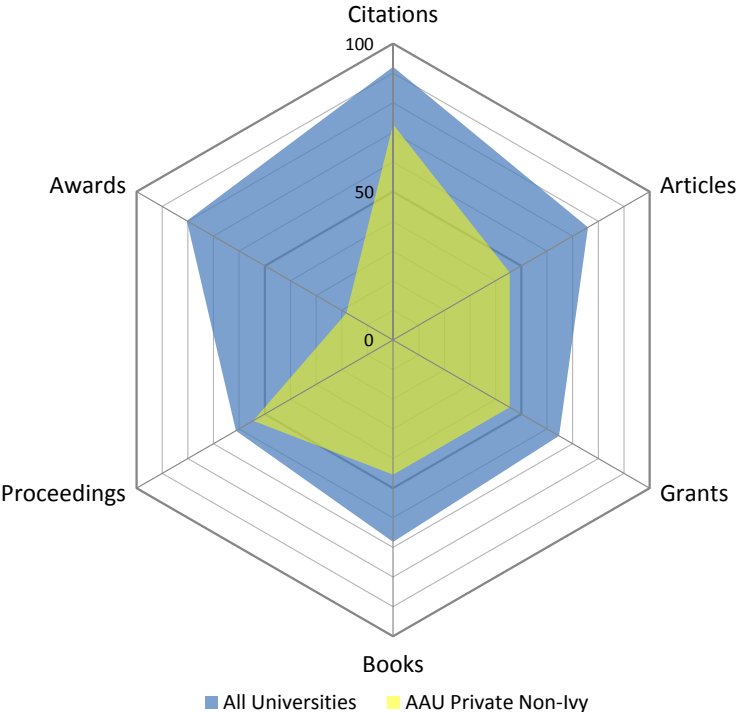
# Productivity in Social and Behavioral Sciences



# Productivity in Business

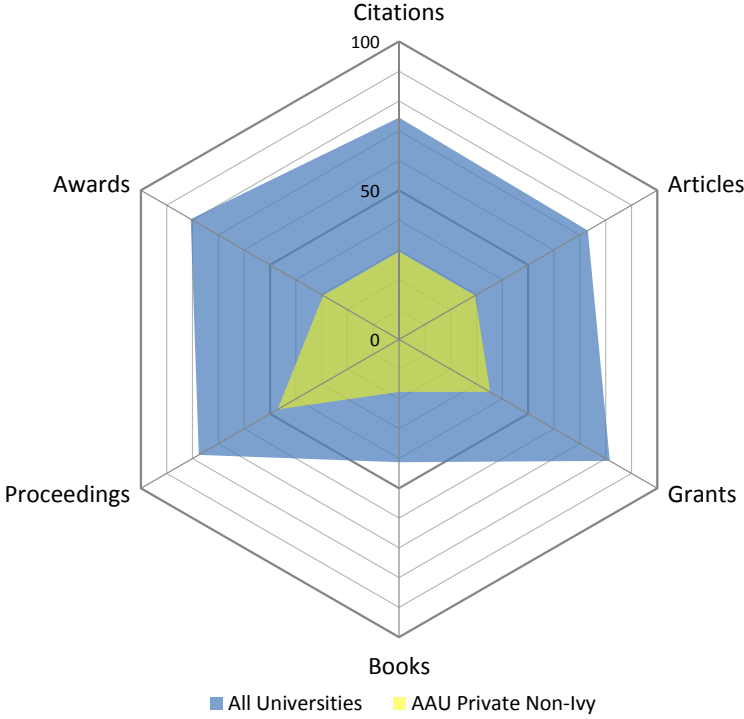


# Productivity in Education

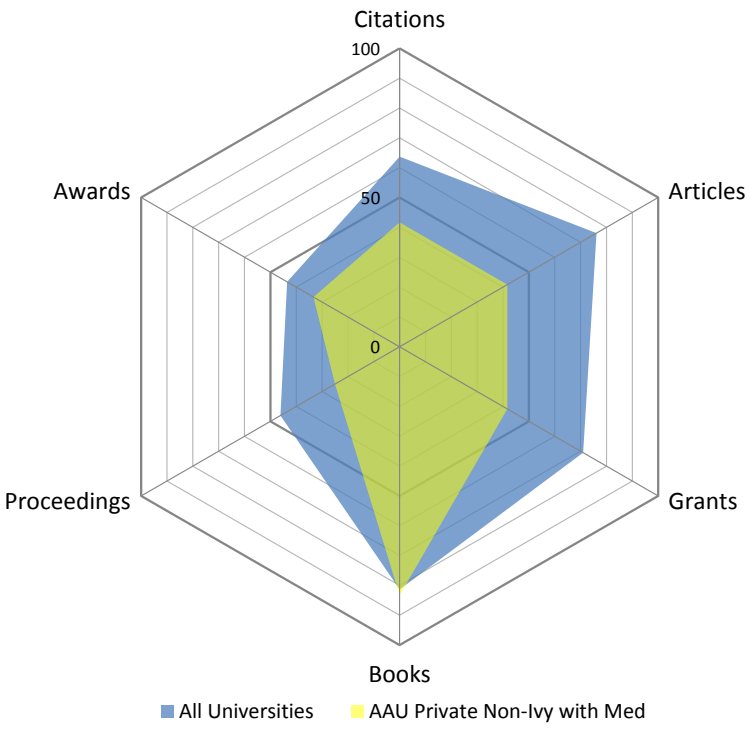




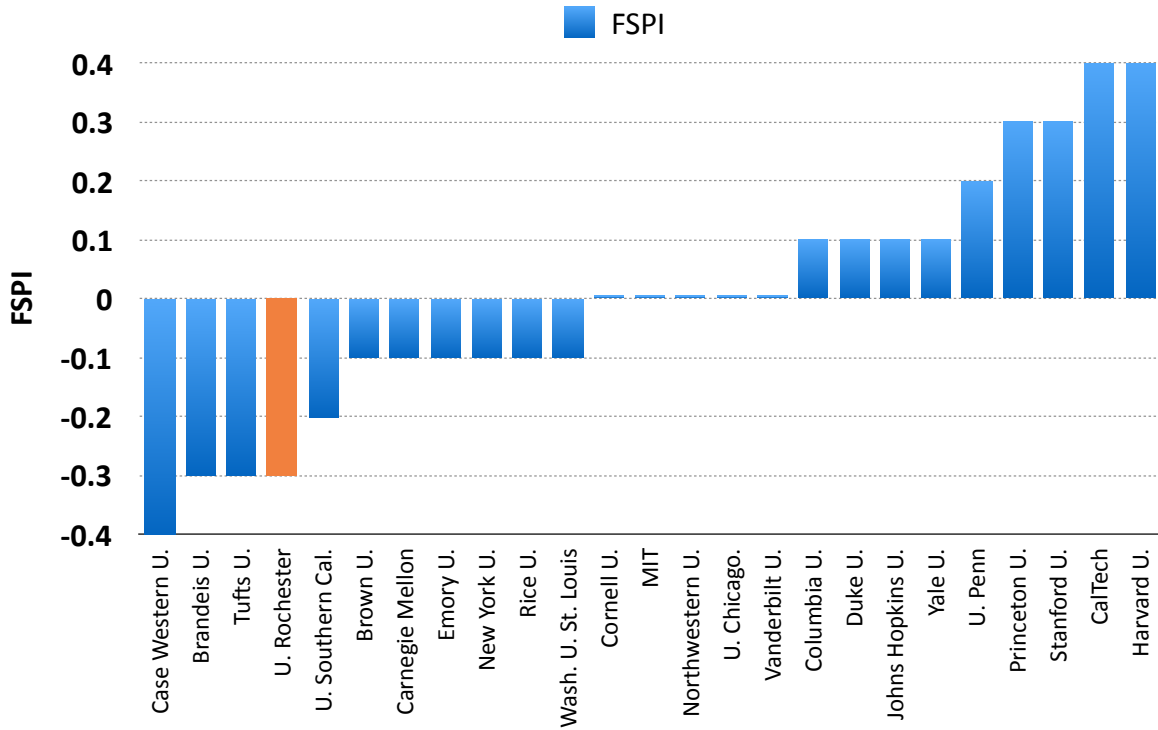
# Productivity in Engineering



# Productivity in Health Professions



## FSPI Z-Scores for AAU Private Institutions



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## School Profiles: Tenure Track Faculty + Students (excl. PhD)

	MED	NUR	A&S	ENG	ED	BUS	MUS	Law
Rochester	787	13	262	86	20	39	88	
		456 [35:1]	4707 [18:1]	964 [11:1]	434* [22:1]	581 [15:1]	892* [10:1]	
Vanderbilt	555	15	374	84	80	38	23	36
		596 [40:1]	4130 [11:1]	1464 [17:1]	1747 [22:1]	552 [15:1]	207 [9:1]	

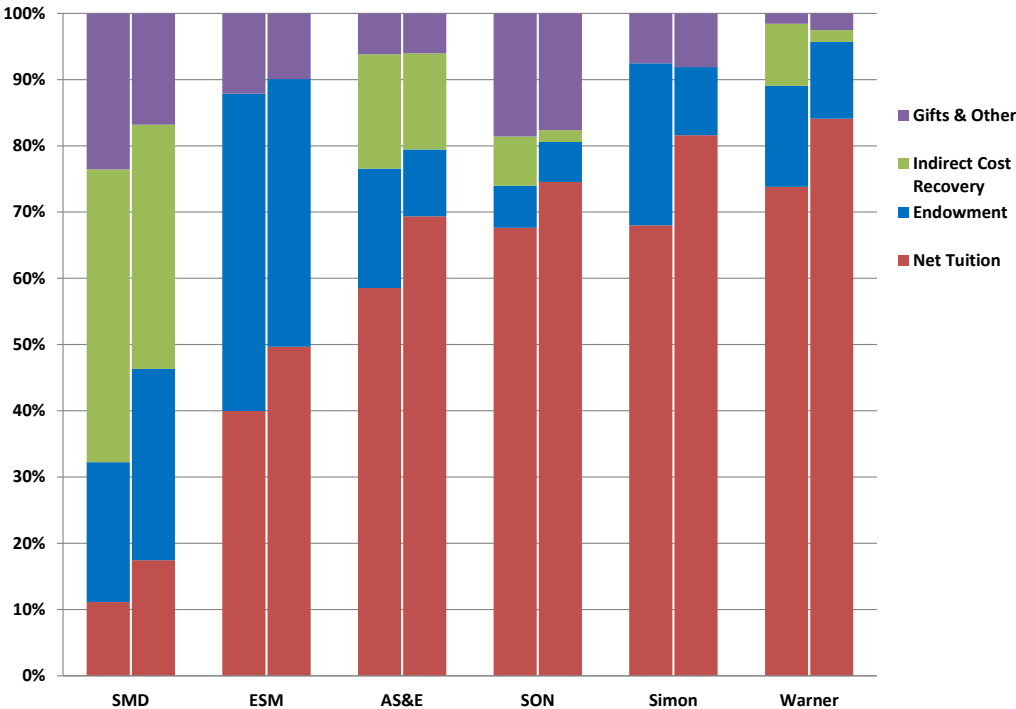


20

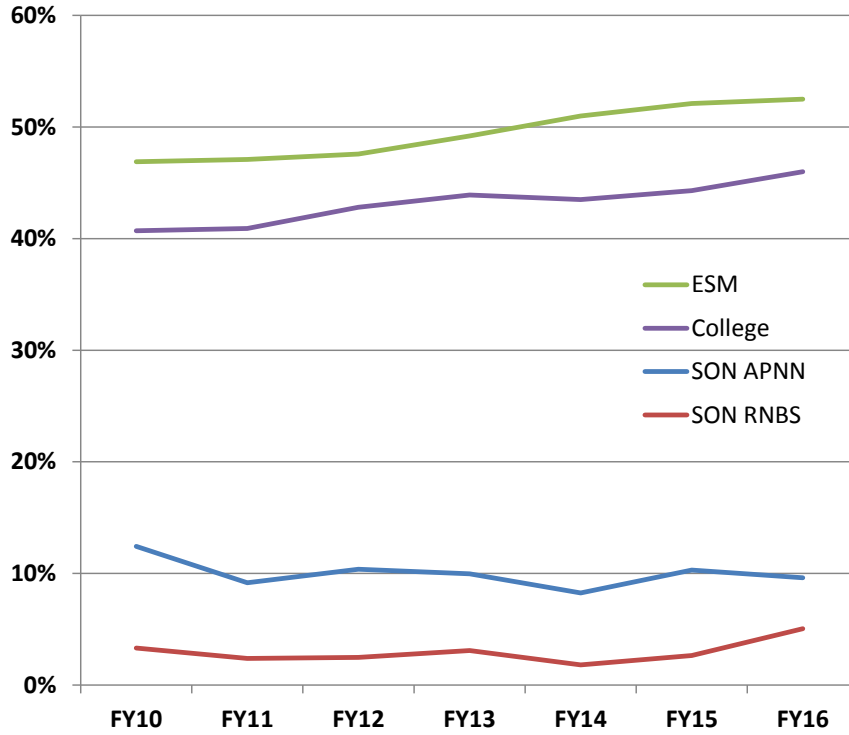
# Endowment Availability

	\$ per Faculty	\$ per Degree	\$ per UG
Rochester	\$1,527,886 [\$76,000/year]	\$607,745 [\$30,000/year]	\$321,622 [\$16,000/year]
Vanderbilt	\$3,208,762 [\$160,000/year]	\$1,079,000 [\$54,000/year]	\$590,607 [\$30,000/year]

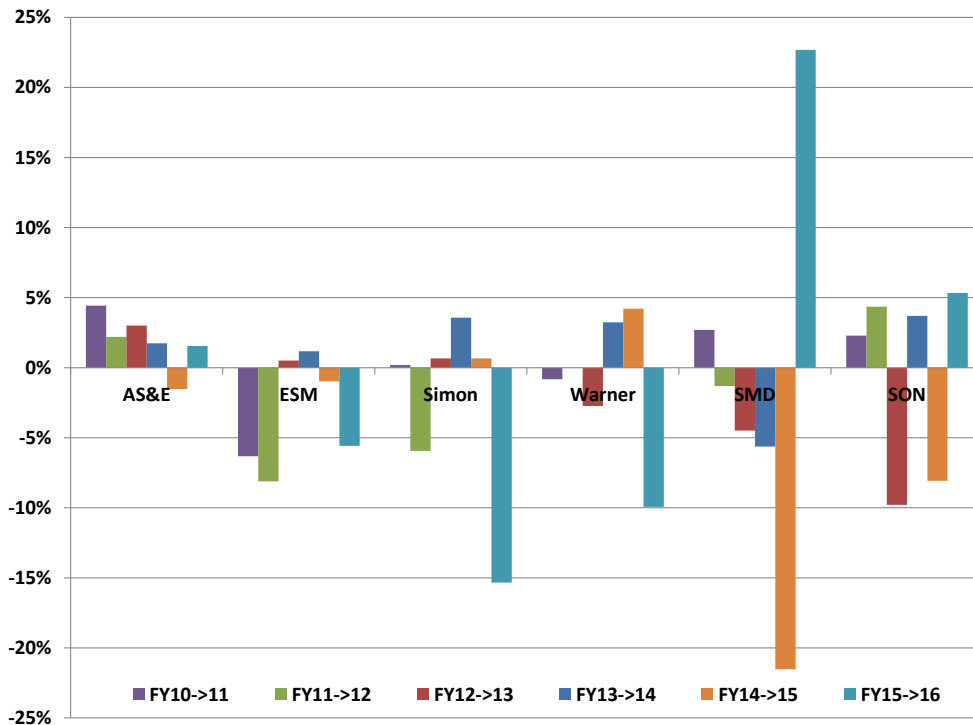
# Change in Tuition Dependence: FY 07 vs FY 16



## Undergraduate Financial Aid Rates



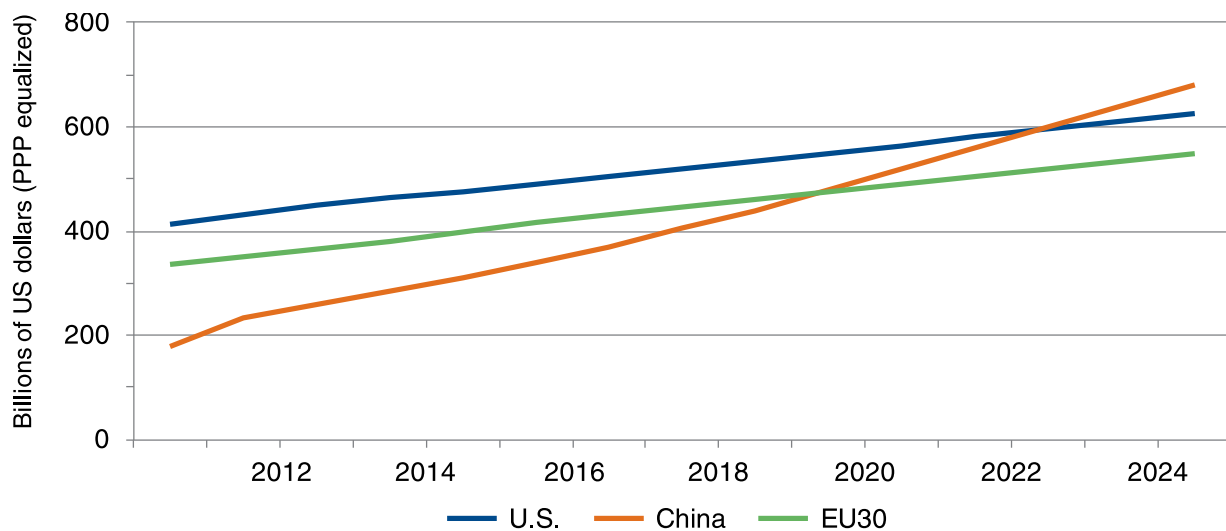
## Annual Change in Net Tuition per Student



## Getting Ahead: Research

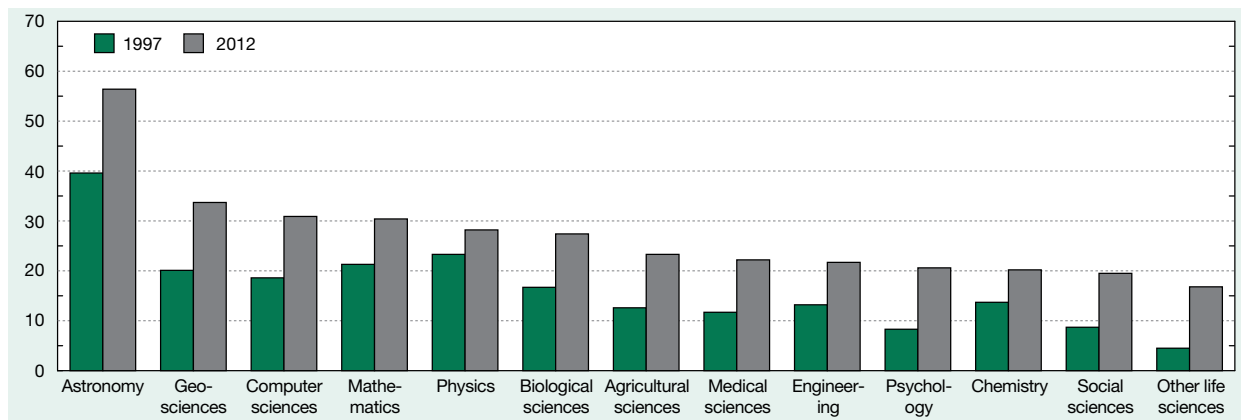
- Maintain low barriers to collaboration
- Push co-ordinated, University-wide initiatives
- Identify and support peaks (and potential peaks) of excellence
- Promote international collaborations

## Projected Spending on R&D



Source: Batelle 2014 Global R&D Funding Forecast

## Share of All S&E Articles Resulting from Intl. Collaboration



Source: NSF Science & Engineering Indicators 2014

## Getting Ahead: Education

- Capitalize on our talent for curricular innovation
- Increased focus on value-for-money
  - Novel trajectories (e.g., accelerated bachelor's/master's)
- International engagement
  - International enrollments
  - Education of global citizens

## Two Threads...

- **Global Engagement**
  - Access to talent (faculty, students)
  - Access to research resources
  - Engagement with significant problems
  - Doing more for our students
- **University Organization**
  - Suboptimal for major research initiatives?
  - Imposes higher costs?