



# Northern Illinois University

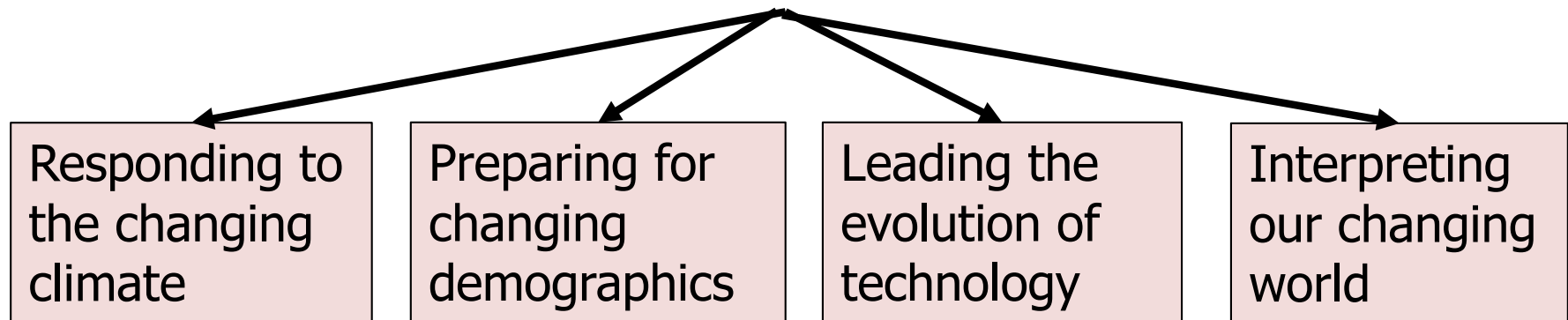
## **Scholarship Goals, Impacts, and Metrics**

Research and Innovation, Legal and Legislative Affairs  
February 15, 2018

# Vision and Strategic Emphases



## Preparing Northern Illinois and the Nation for a Century of Change.



# Goal and the Unit of Growth

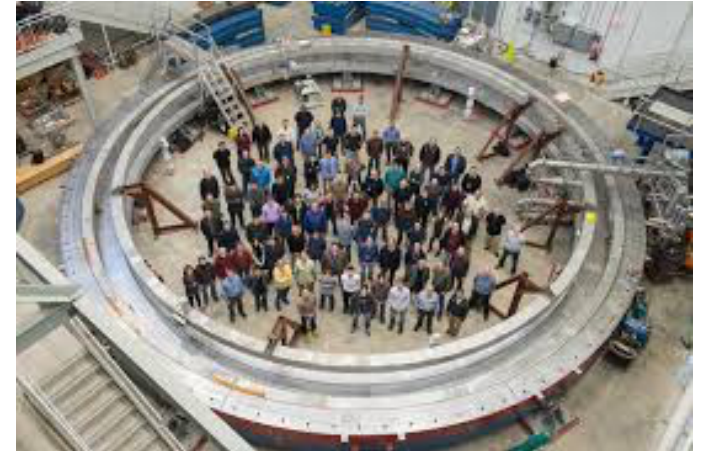


- **Goal: A 25% increase in scholarship.**
- Basic Unit of Growth:
  - Use the standard, but incomplete, proxy of externally funded research.
  - In FY2017, 70 faculty attracted external funds for research
    - **A 5% increase achieved by attracting or creating an initiative with four additional research active faculty.**
    - Five new initiatives achieved by a combination of new degrees or centers of scholarship.
- External funding is a proxy: these initiatives should be distributed across research, scholarship, and artistry and tracked with appropriate metrics.

# Successful Example: Accelerator Cluster



- A shared initiative with Fermilab to enhance NIU/FNAL collaboration in accelerator science with joint collaborations and professorships.
- NIU investment about \$450k/year over 5 yrs.
- Have recruited two senior faculty, now recruiting two junior positions.
- Since 2015, the two individuals have been awarded \$2.1M in external grants from NSF and DOE.
- Currently, 18 graduate students are involved.



# Metrics Should also Reflect Impacts of Scholarship



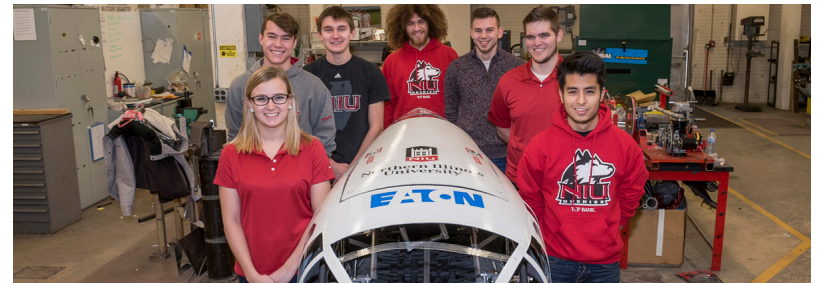
- Enhanced peer and public reputation
- Faculty recruitment & retention
- Student (UG, Grad) recruitment & retention
- Donor and alumni interest & activity



- Publications/Citations/Books, Grant Activity, Student Engagement



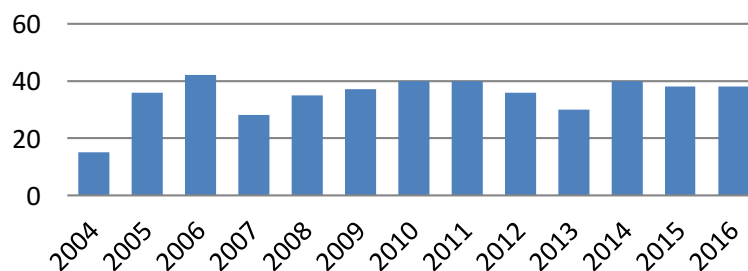
NATIONAL  
ENDOWMENT  
FOR THE ARTS



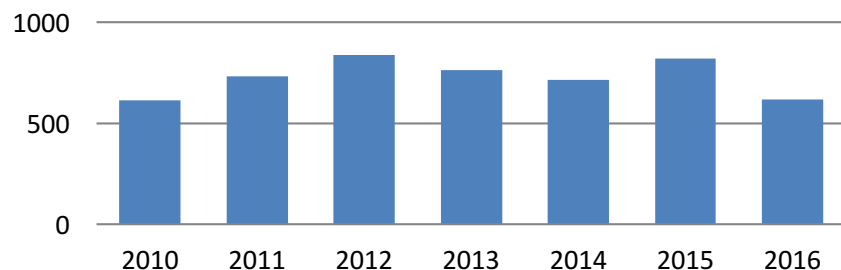
# NIU Publications, Citations, Books



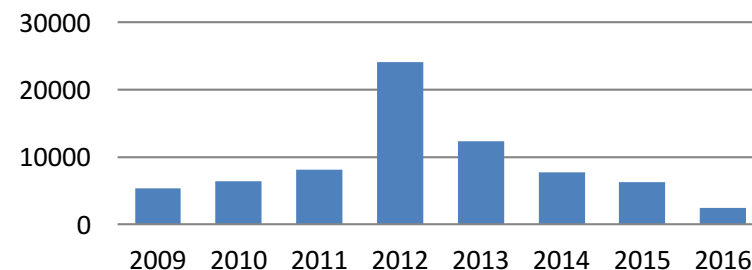
Northern Illinois University  
Total Number of Books 2004 - 2016



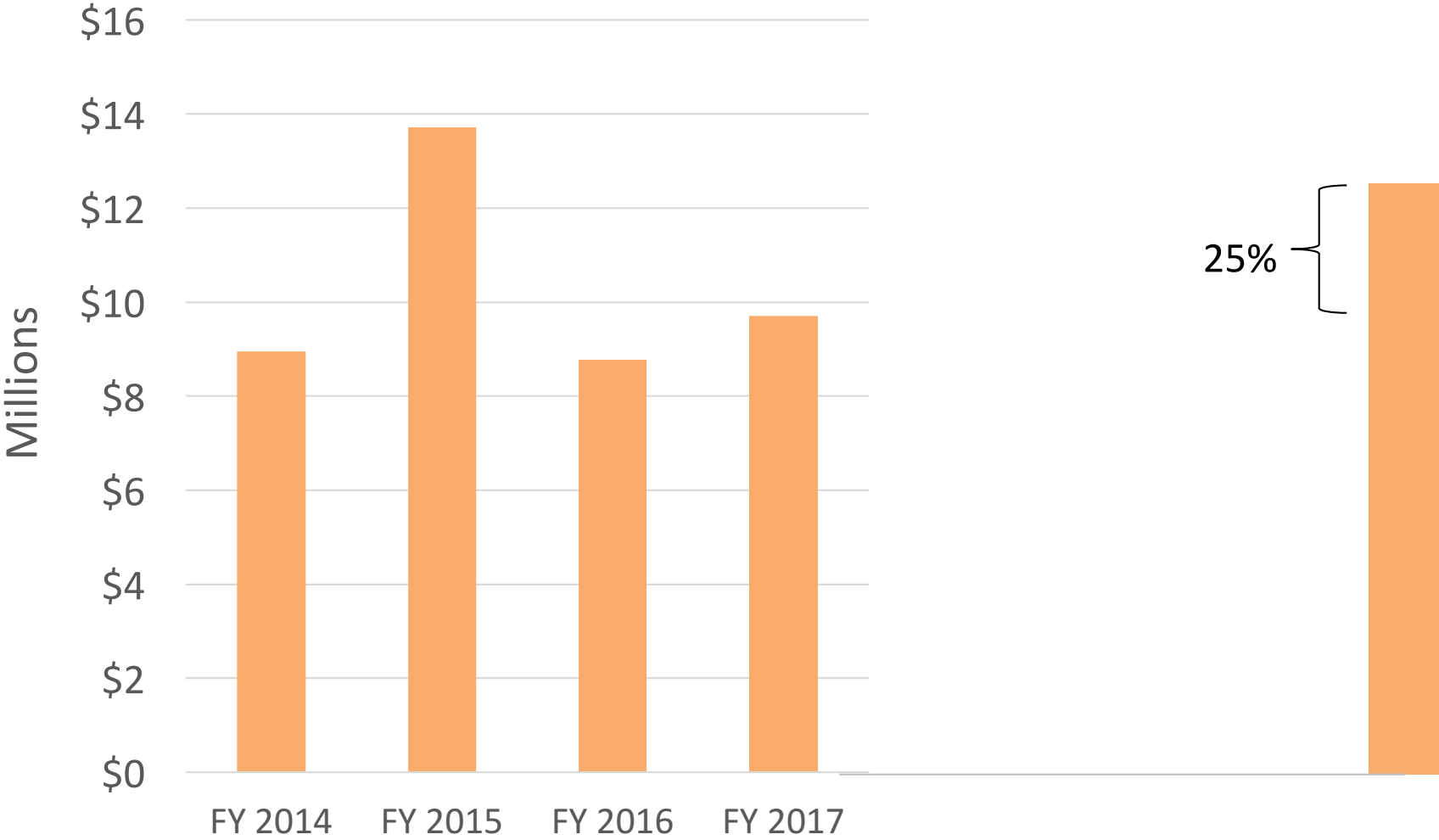
Northern Illinois University  
Total Number of Publications 2010 - 2016



Northern Illinois University  
Total Number of Citations 2009 - 2016



# Research Grant Activity



# Student Recruitment



- From April 2016 Lipman Hearne/NIU Survey
- Decision rank of program strength and academic reputation for selecting a university

Cohort	Program/Major Field Strength	Academic Reputation
Freshman Prospects	2 of 18	1 of 18
Transfer Prospects	2 of 18	6 of 18
Graduate Prospects	5 of 17	4 of 17
Current Undergraduate	3 of 17	5 of 17
Current Graduate	3 of 17	5 of 17



# Engagement in Research/Scholarship a High Impact Practice



- Current first year retention rate (FYRR) 73%.
- Honors Students
  - FY08-FY16 cohort: 2585 students
  - FYRR 93%.
- Research Rookies
  - FY14-F17 cohort: 87 students
  - FYRR 99%!
- Will develop a metric around participation/engagement



# Closing Comments



- Established a forward-looking vision focused on societal needs.
- Setting a modest goal of 25% growth, but magnitude and time scale with resources.
- Performance measured at the highest level with publications, citations & books; grants; & student involvement.
- Work continues on infrastructure for research, scholarship, and artistry.