



 THE UNIVERSITY OF IOWA

# Board of Regents

9/25/17

# Improving Student Success

- 1 Strategic Plan
- 2 Who Pays?
- 3 Culture of Continuous Improvement
- 4 Increasing Productivity
- 5 The Path Forward
- 6 Questions



 THE UNIVERSITY OF IOWA

# STRATEGIC PLAN

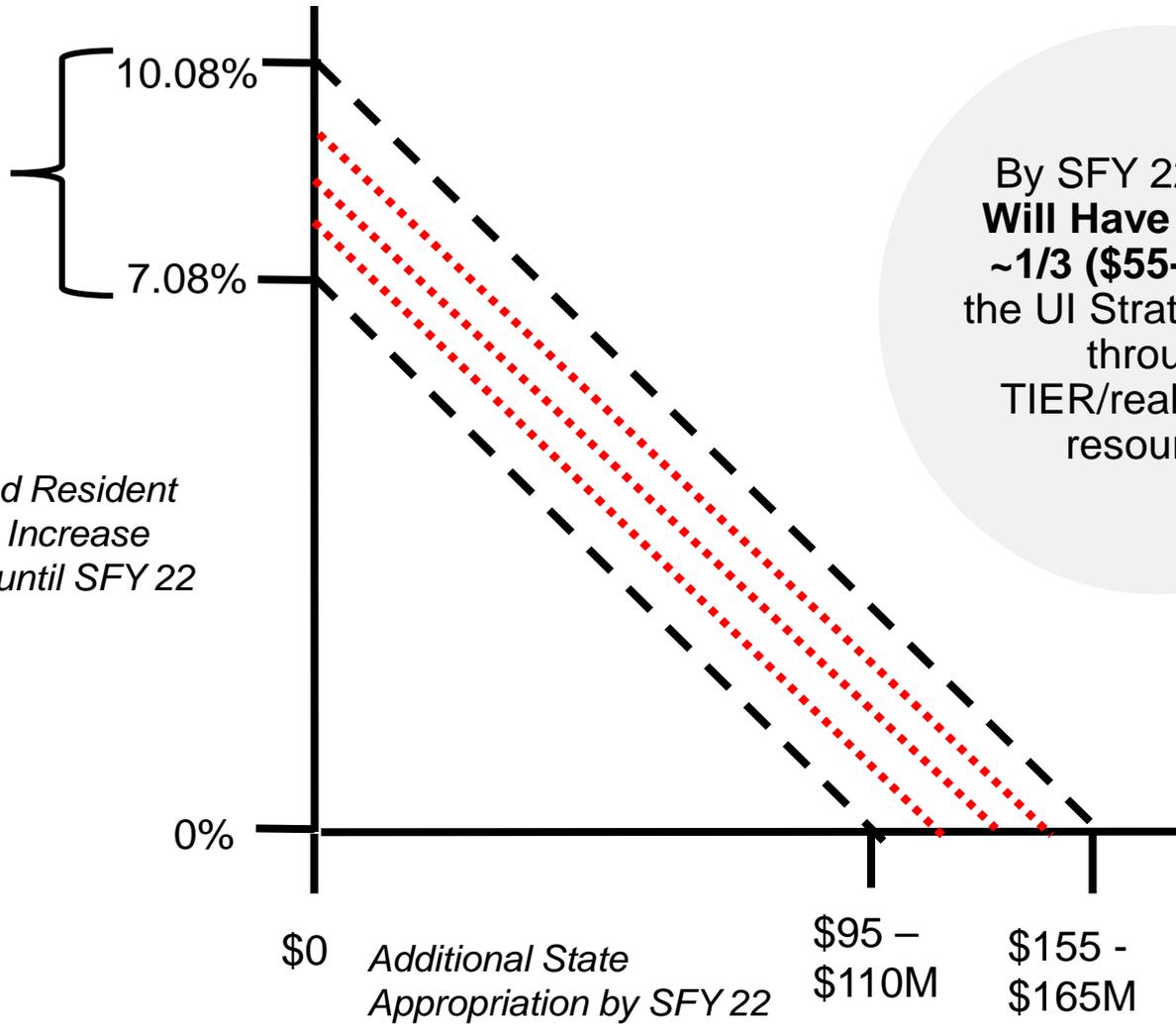
2016-2021

To improve student outcomes the UI will invest **\$155 - \$165M** into:

- The faculty
  - Retaining and hiring the best and brightest
  - Increasing research and scholarship
- Student outcome programs
  - Undergraduate research
  - Internships
  - Leadership development
  - Capstone project

# Funding Student Outcomes

\$11-12M/yr  
of UI TIER  
savings &  
reallocated  
resources  
invested  
in strategic  
plan



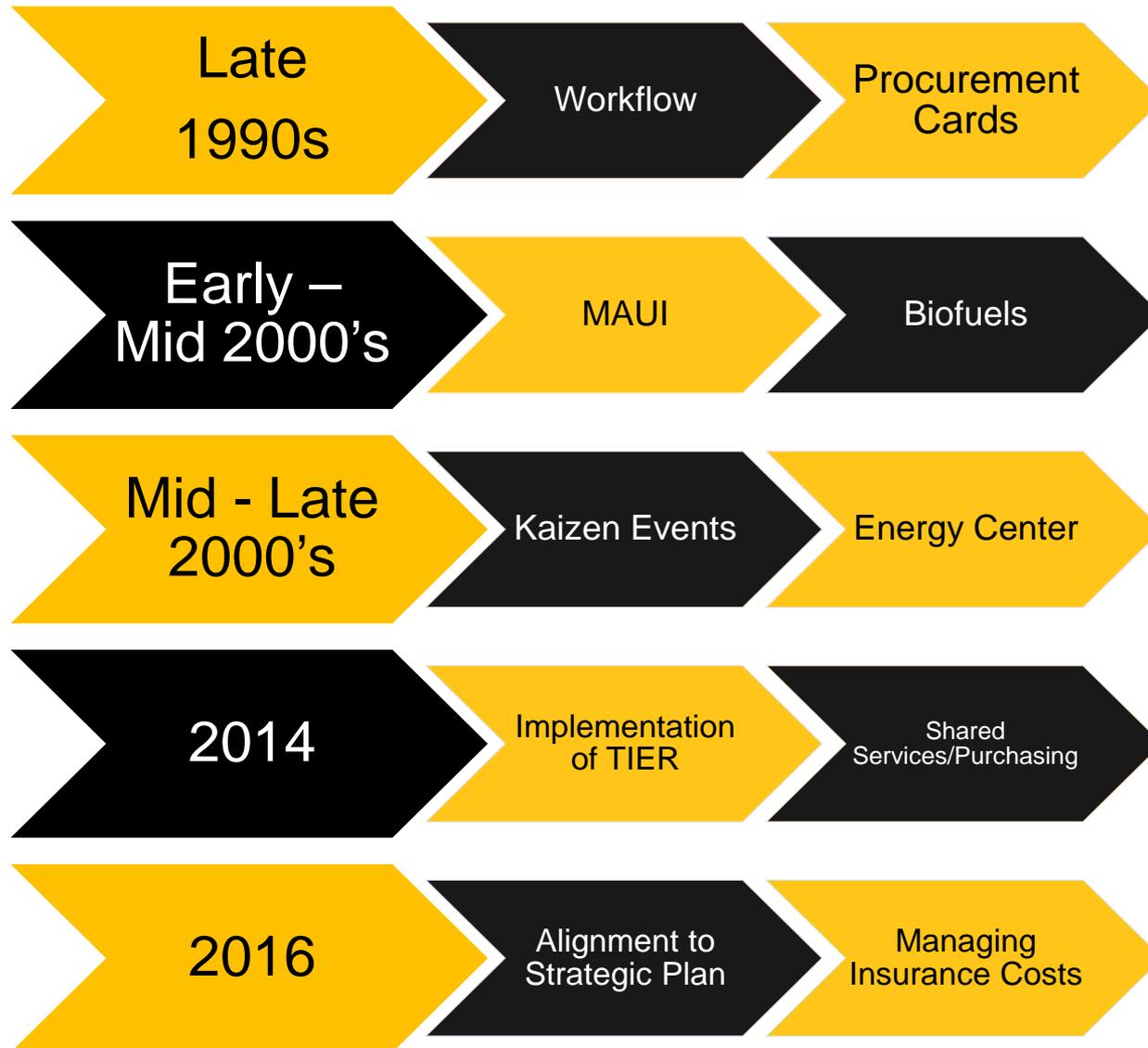
By SFY 22 the UI  
**Will Have Funded**  
~1/3 (\$55-60M)  
of the UI Strategic Plan  
through  
TIER/reallocated  
resources

# Efficiency & Productivity

- Productivity is the efficiency in which resources are turned into outcomes
- Increasing productivity is creating greater output from same amount of input
- Productivity is constrained based upon the quantity of the input
- Inputs at the University of Iowa are constrained based upon the resources currently allocated to the university



# Pre-TIER/TIER/Post-TIER (Examples)



# Efficiencies and Industry Partnerships

*Energy Control Center as an industry model:*



NASA

Bridgestone America

UPS

John Deere

Kum & Go

Burns & McDonnell

ACT

Integrated Power Corp

Iowa Economic

Development Authority

# Efficiencies and Industry Partnerships



**STATE OF IOWA**  
**AUDITOR OF STATE**

*“UI Shared Services is a best practice”*



**Microsoft**

*“Microsoft partnership with the UI on FDD launch, first on major university research campus”*

# TIER/Reinvestment into 5 Year Strategic Plan

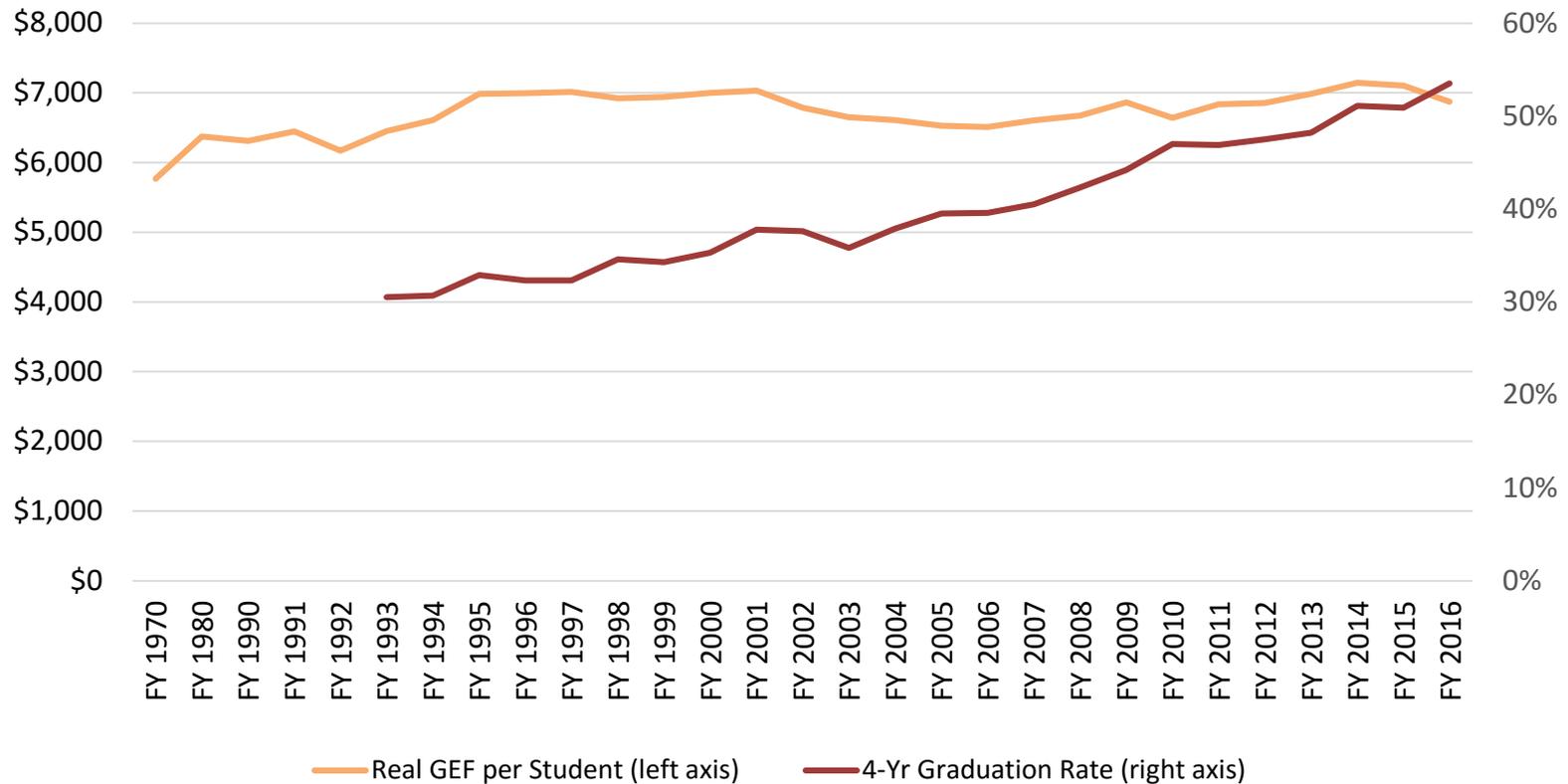


TIER@IOWA has allowed the UI to invest a projected:

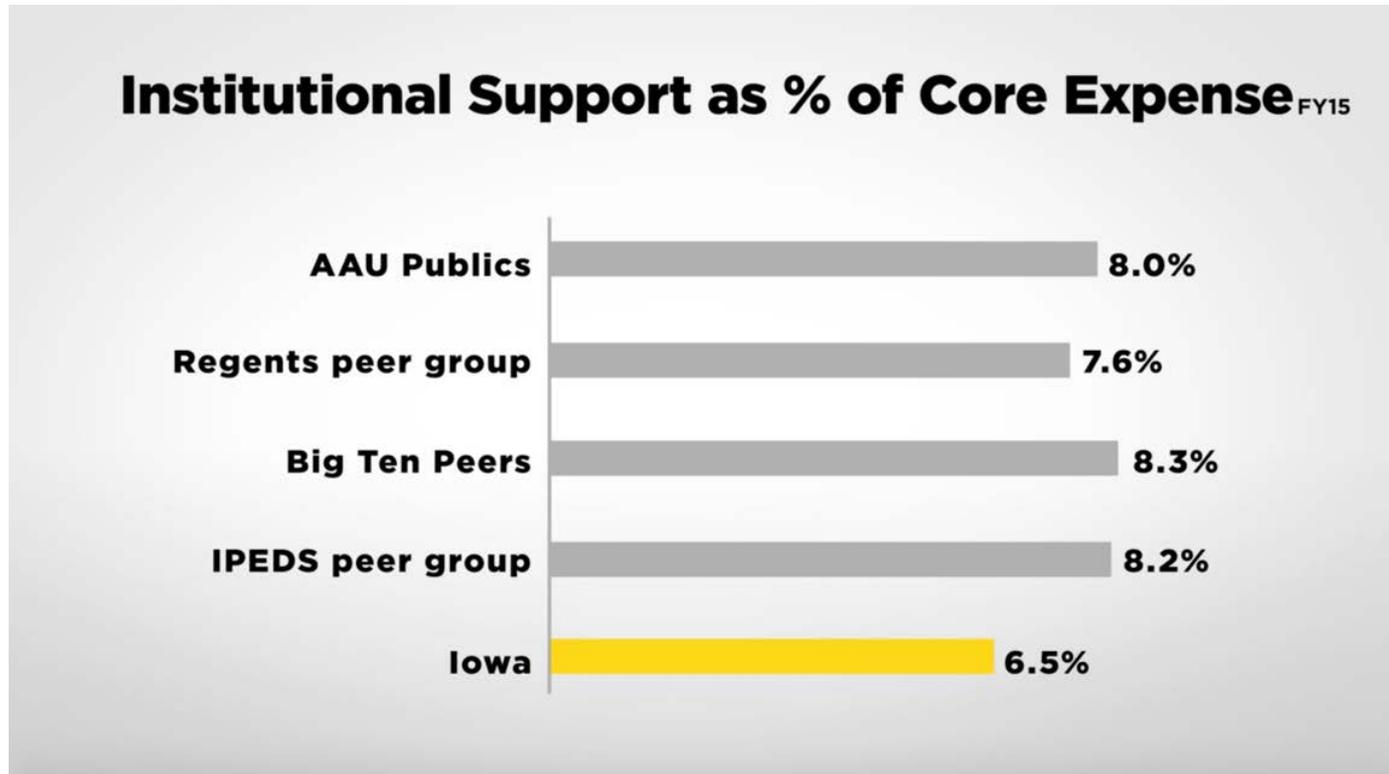
- \$16.6M since FY 16
  - \$2.9M in FY 16
  - \$6.6M in FY 17
  - \$7.1M in FY 18 (projected)

# Improving graduation rates while maintaining costs

Real General Education Fund Expenditures per Student  
(indexed for inflation)  
and 4-Yr Graduation Rates



# UI Efficiency Benchmarked



- The UI operating O/H is **14.5% more efficient** than its Regents national peers

# Rankings and Reputation

School	US News & World Report Ranking - Public	US News & World Report Ranking - Public/Private	Retention Rate	4 Year Graduation Rate	Earnings per year 10 years post freshman year	AAU
UCLA	#1	#21	96%	74%	\$59,600	Yes
Michigan	#4	#28	97%	75%	\$57,400	Yes
UNC - Chapel Hill	#5	#30	97%	82%	\$51,000	Yes
Wisconsin - Madison	#12	#46	95%	57%	\$51,600	Yes
Illinois - Champaign Urbana	#14	#52	94%	71%	\$56,600	Yes
Ohio State	#16	#54	93%	59%	\$42,900	Yes
Texas - Austin	#18	#56	95%	52%	\$53,000	Yes
Minnesota - Twin Cities	#25	#69	92%	59%	\$48,300	Yes
<b>Iowa</b>	<b>#31</b>	<b>#78</b>	<b>86%</b>	<b>51%</b>	<b>\$49,100</b>	<b>Yes</b>
Indiana	#39	#90	89%	60%	\$44,700	Yes
Arizona	#58	#124	81%	43%	\$44,000	Yes

Average	19	57	93%	63%	\$50,910
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<b>UI vs Average (2018)</b>	<b>12</b>	<b>21</b>	<b>-7%</b>	<b>-12%</b>	<b>(\$1,810)</b>
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<b>UI vs Average (2017)</b>	<b>14</b>	<b>26</b>
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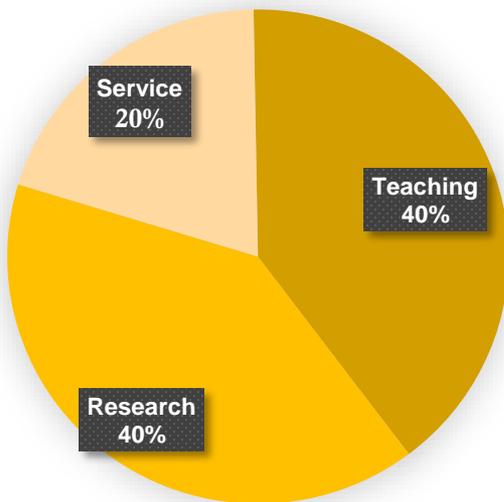
# Definition of an Institution & Faculty

## The Carnegie Classification™

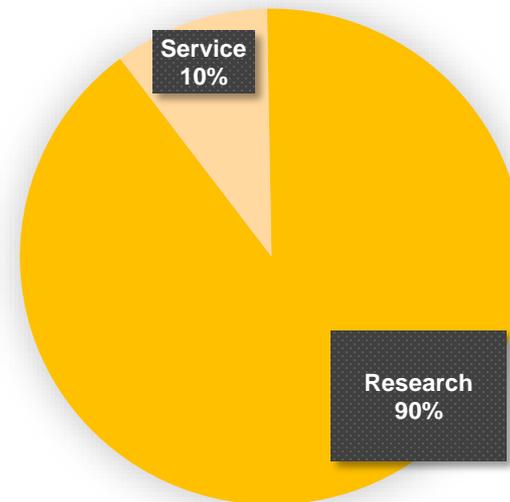
- The leading framework recognizing, describing, and measuring institutional differences
- The University of Iowa and Iowa State University are defined as an R1 Doctoral Universities – Highest Research Activity
- As an R1 university, tenured and tenure-track faculty are expected to have active research/scholarship activities. Typical UI faculty portfolio:
  - **40% teaching (16 hours)**
  - **40% research/scholarship (16 hours)**
  - **20% service (8 hours)**

# UI Faculty Effort Allocation per Type

Tenure-track/Tenured

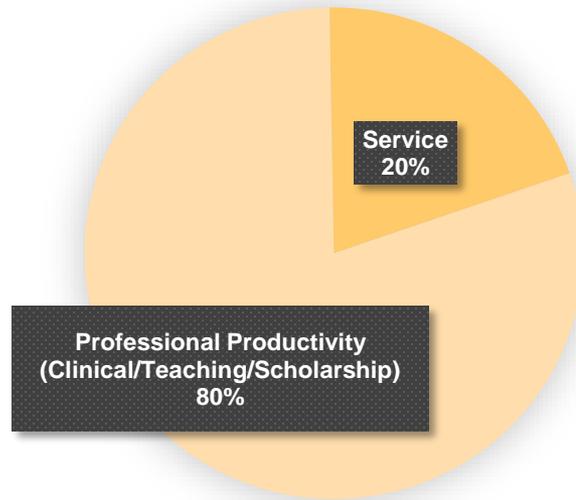


Research-track

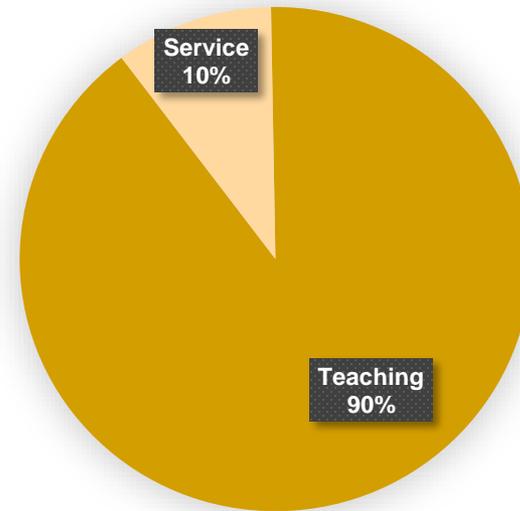


# UI Faculty Effort Allocation per Type

Clinical-track



Instructional-track

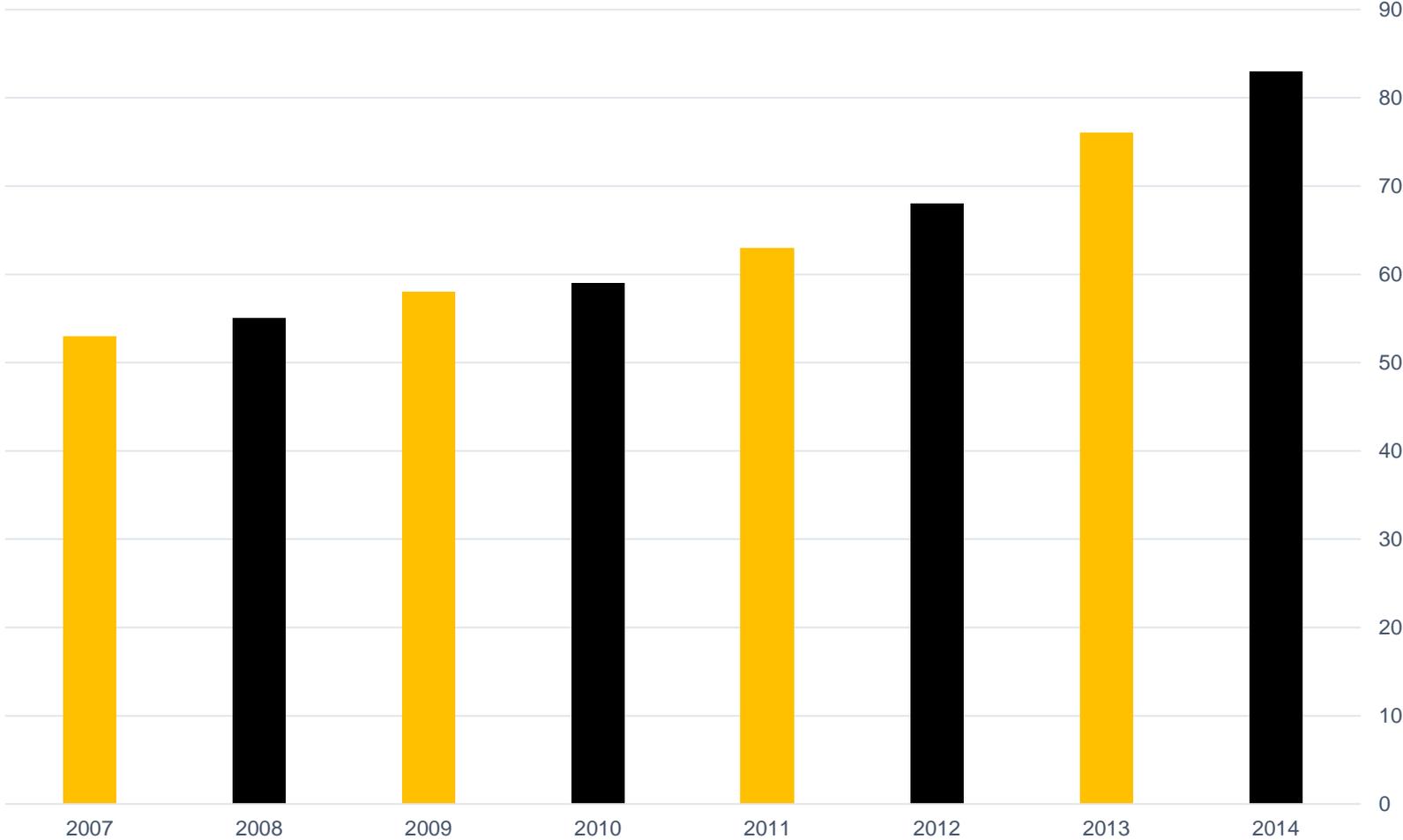


# UI Faculty Productivity

Faculty Effort	Historical UI Average (Hrs/Week)	Projected 40/40/20 Effort (Hrs/Week)	UI vs Projected (Hrs/Week)
Student Instruction	21.07	16	5.07
Scholarship/ Research/ Creative Work	22.78	16	6.78
<i>Subtotal of Teaching &amp; Research</i>	43.85	32	11.85
Clinical Work	3.41		
Community Engagement, Outreach, or Extension	1.76		
Professional Development	0.95		
Administration/ Service	7.30		
<i>Subtotal of Service &amp; Other Effort</i>	13.42	8	5.42
<b>Total Hours Per Week</b>	57.27	40	17.27

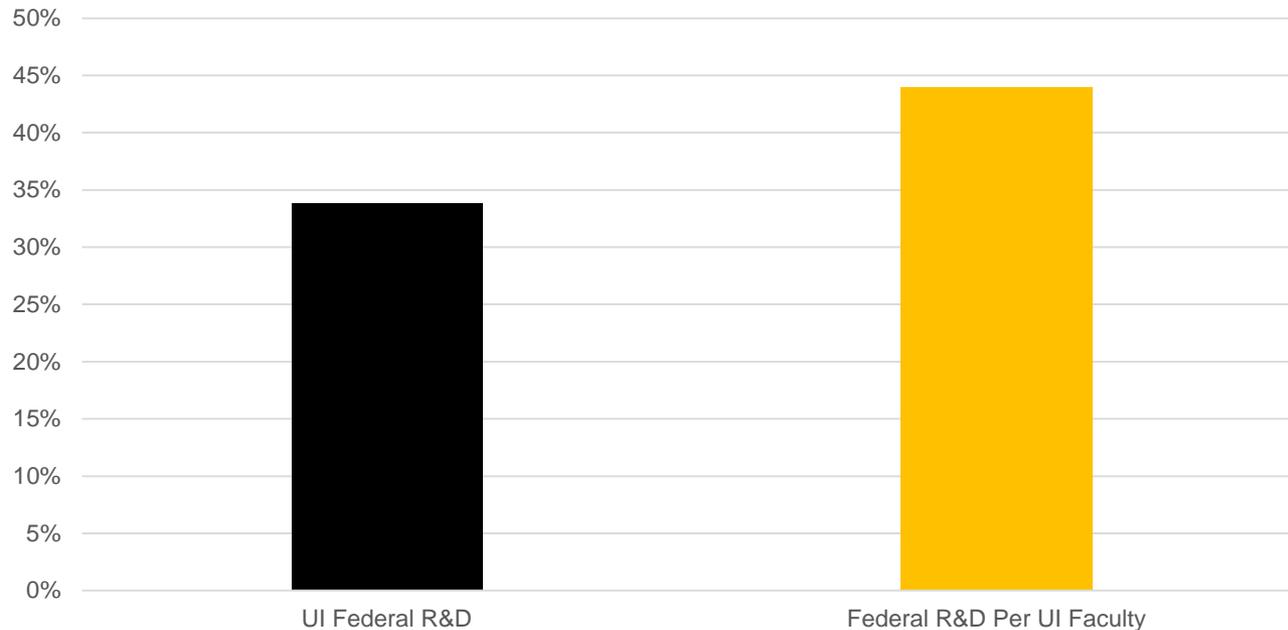
# Faculty Productivity

Citations per Tenured/Tenure Track Faculty, FY 2007-2014



# Faculty Productivity

UI Federal R&D as Compared to AAU Institutions  
(percentile)



The UI, on the whole, is failing to keep up due to a lack of tenure & tenure track faculty, not a lack of productivity.

# Predictable Resources = Better Student Outcomes

## ✓The Plan

- Control overhead and ensure current expenditures are in alignment with strategic plan
- Establish a predictable/affordable 5 year plan for tuition increases
- Maximize aid opportunities for need-based and merit-based students
- Invest in strategic plan to deliver on student success goals



**Questions?**