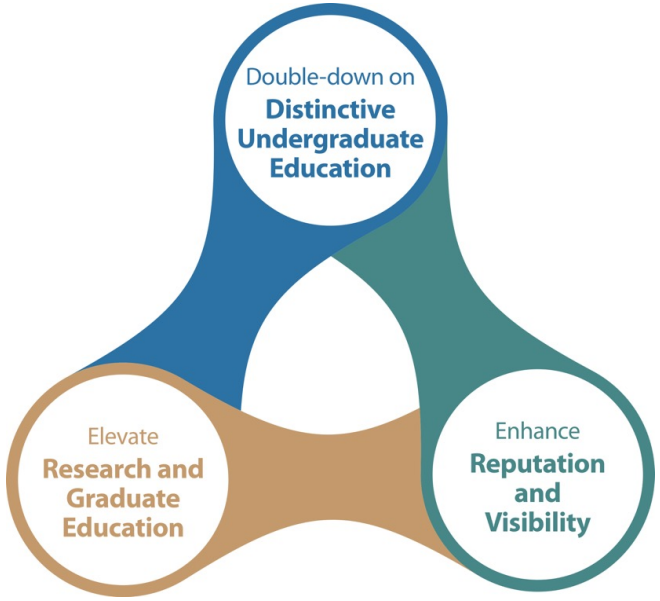
ELEVATE IMPACT

Progress Toward Goals

November 2017



Definition of Progress Colors

- Green—progress toward goal on track with expectations
- Yellow—some progress but also some identified issues
- Red—no progress made, work not yet begun, or other significant roadblock identified

Elevate Impact Initiatives—Status November 2017

More in Four
- Co-op
- 4-year BS/MS

Global Projects for All
- Off-campus project participation
- Global Scholarship
- Global Impact Lab

Major and a Mission
- NAE/WPI Grand Challenge Scholars
- Curricular/co-curricular connected beyond major
- Entrepreneurial Mindset
- Global Competency

Research Enterprise
- Five strategic research themes
- High profile research grants
- Fellowship support
- Funding for research

WPI PhD Plan
- Self-assessment of graduate students
- Graduate student professional development
- Off-campus experience for PhD students
- Interdisciplinary PhD programs

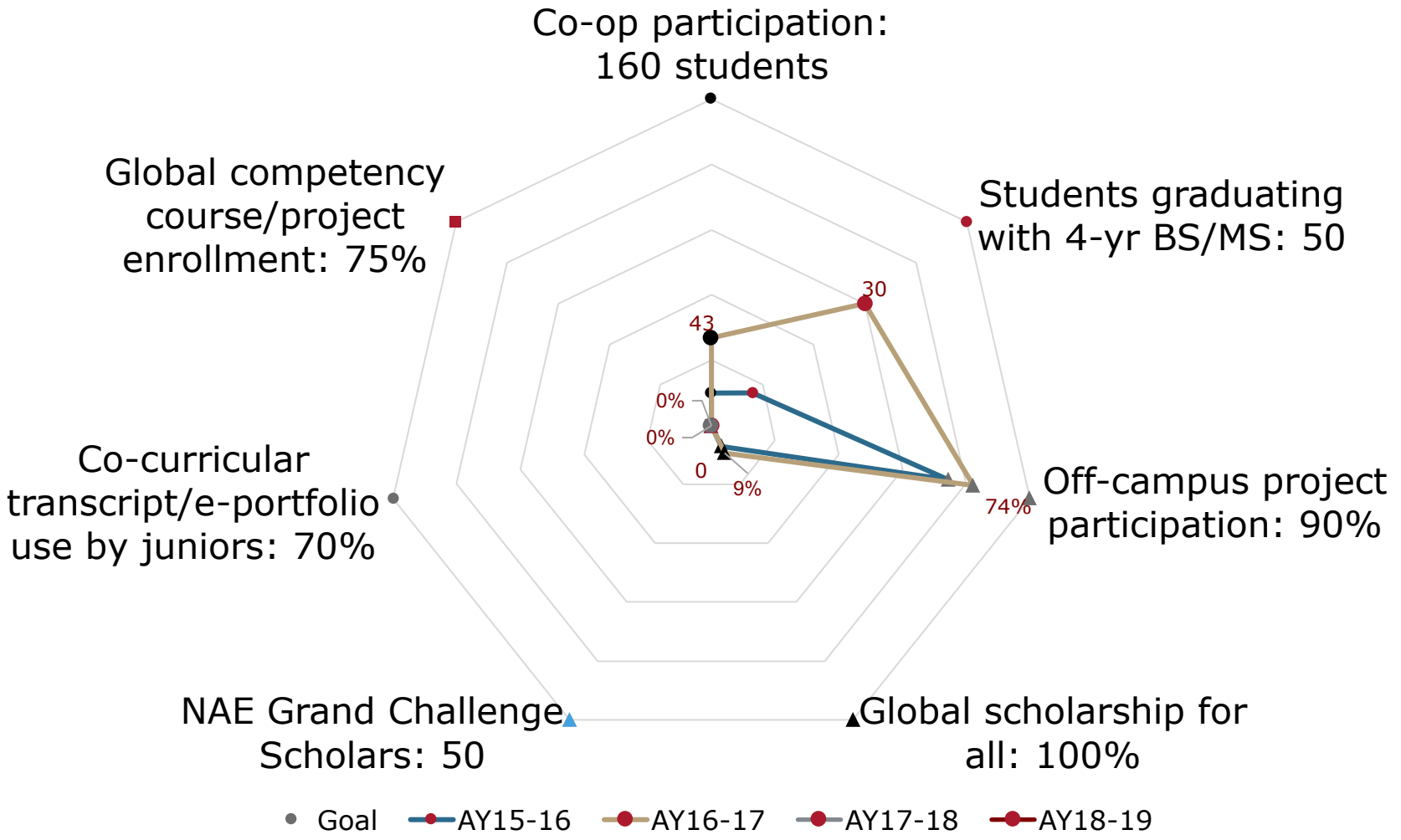
Personalized Online Education
- On-line MS degree and certificate program
- On-line enrollment
- Conversion of undergrad courses & programs

Center for Project-based Learning
- Institute on Project-Based Learning
- Off-site workshops & consulting services
- Publications and grant proposals
- Support excellence in PBL on WPI campus

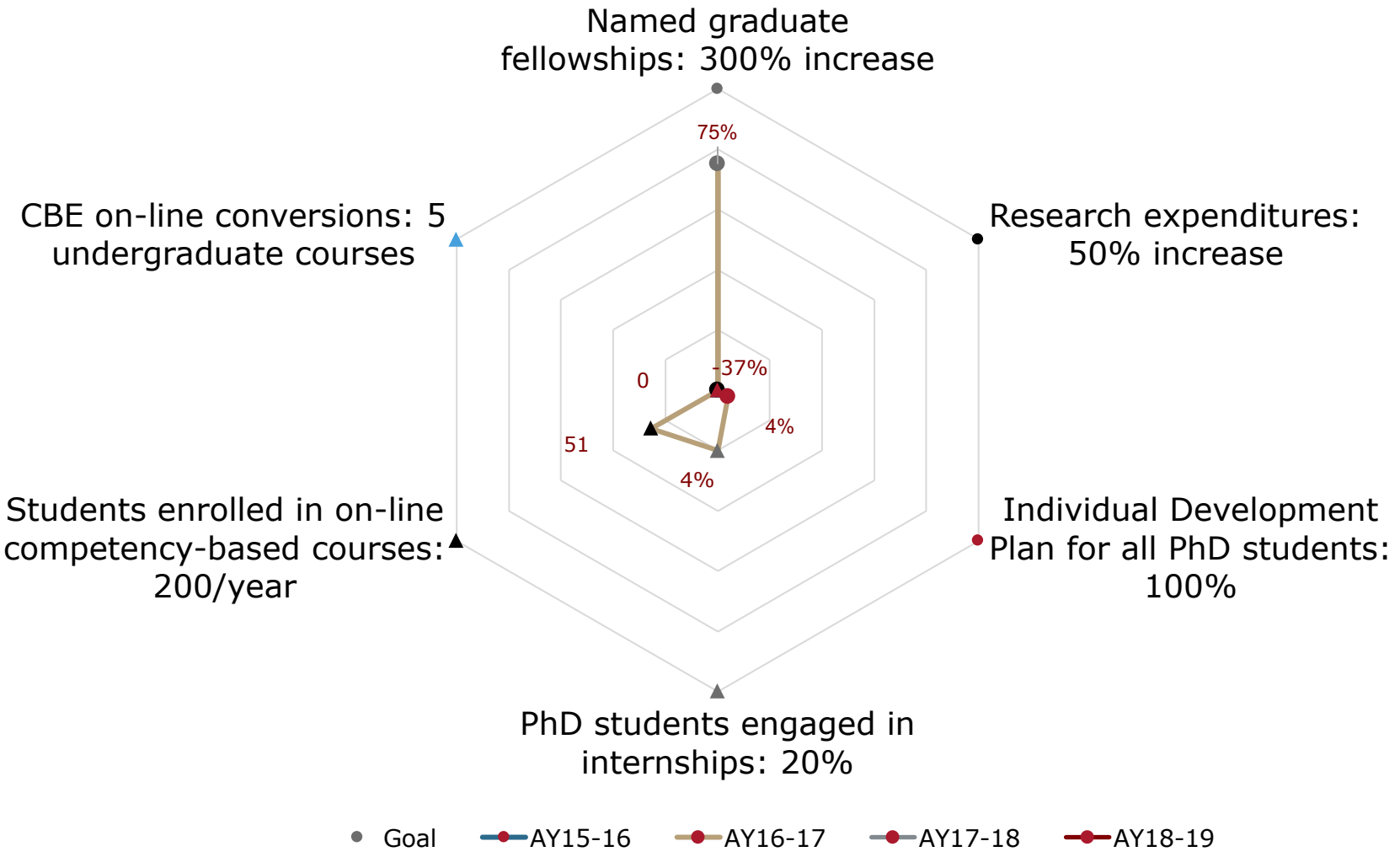
Global Partnerships
- Global alumni network
- Robust relationships w/ academic partners
- WPI email for life

Foisie Innovation Studio
- Innovation and Entrepreneurship Center
- Global Impact Lab
- NGOs

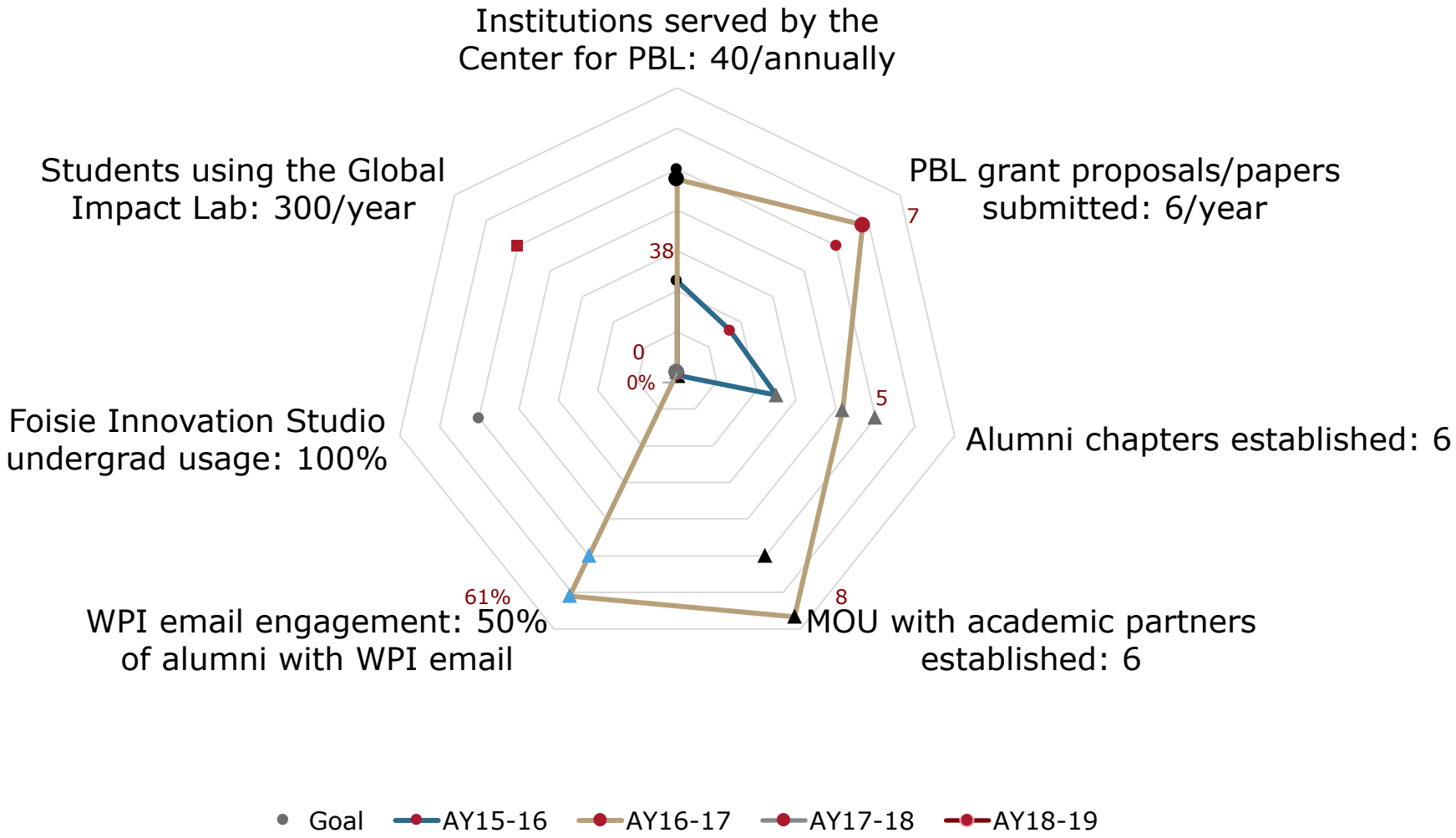
Distinctive Undergraduate Education



Research & Graduate Education



Reputation and Visibility



"Global Projects for All" Goes Public

Distinctive Undergraduate Education

- 954 students w/global experience
  - 100 more than AY1617!
- National and regional media
  - 43M digital views
  - 28K households (print)
- Sustained social campaign
  - 250K impressions in first month
- Elevated web presence, wpi.edu
  - 10x increase in traffic to Global Projects Program
  - 13x traffic to WPI Plan

NAE approves WPI's Grand Challenge Scholars Program

Distinctive Undergraduate Education

Faculty Steering Committee

Innovation & Entrepreneurship Activities Accelerating

Distinctive Undergraduate Education

- I&E Center Director search in progress
- New web presence:
  - Education & Research
  - Collaborative Spaces
  - Coaching & Funding
  - Beyond WPI
  - Resources
- 74 faculty trained through KEEN grant
- Launching Patent Board

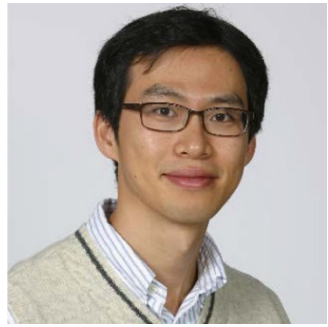
wpi.edu/+innovation

5 NSF Career Awards FY17 & FY18!!

Research & Graduate Education

Congratulations to…

- Kyumin Lee, Computer Science
- Ivon Arroyo, Social Science & Policy Studies
- Craig Shue, Computer Science
- Scarlet Shell, Biology & Biotechnology
- Michael Timko, Chemical Engineering



Advanced Manufacturing: First Grants Coming In, New Staff Hired

Research & Graduate Education

A. New Large Initiatives

Greater Opportunities, Diversity in Graduate Education

Research & Graduate Education

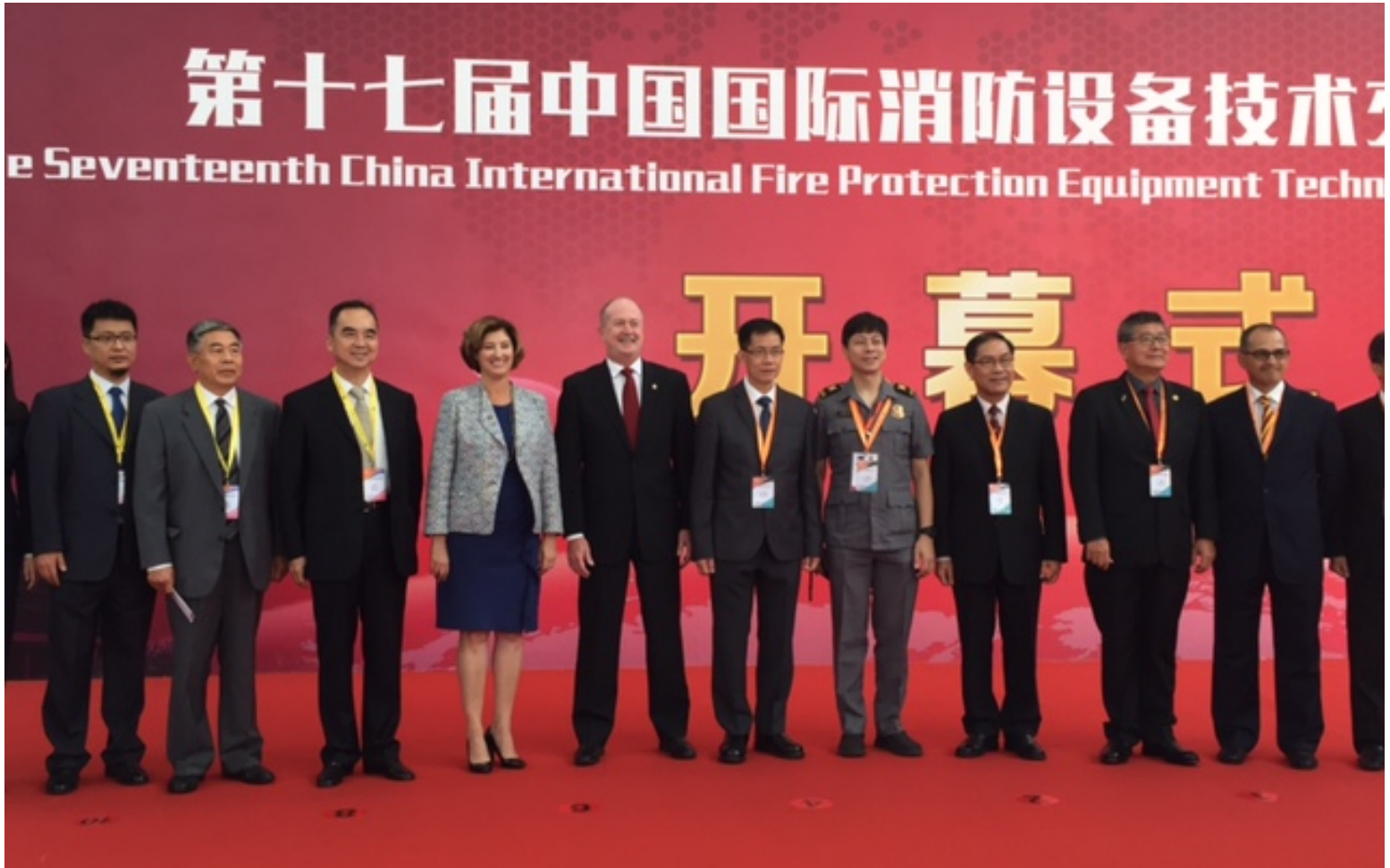
- More than tripled workshops for graduate students
  - Career and professional development
  - Graduate Fellowship workshop
- Inaugural Presidential Fellows
  - Bioinformatics and Computational Biology
  - Fire Protection Engineering
  - Robotics Engineering

New Robotics Engineering Autonomous Vehicles Personalized Online Program

Research & Graduate Education

Unveiling of Tsinghua-WPI Center for Global Public Safety

Reputation and Visibility



Center for Project-Based Learning Enormous Early Success

Reputation and Visibility

Institute on Project-Based Learning

70
ACADEMIC INSTITUTIONS FROM THE US AND ABROAD
(2015–2017)

400
PARTICIPANTS IN THE INSTITUTE FOR PROJECT-BASED LEARNING *(2015–2017)*

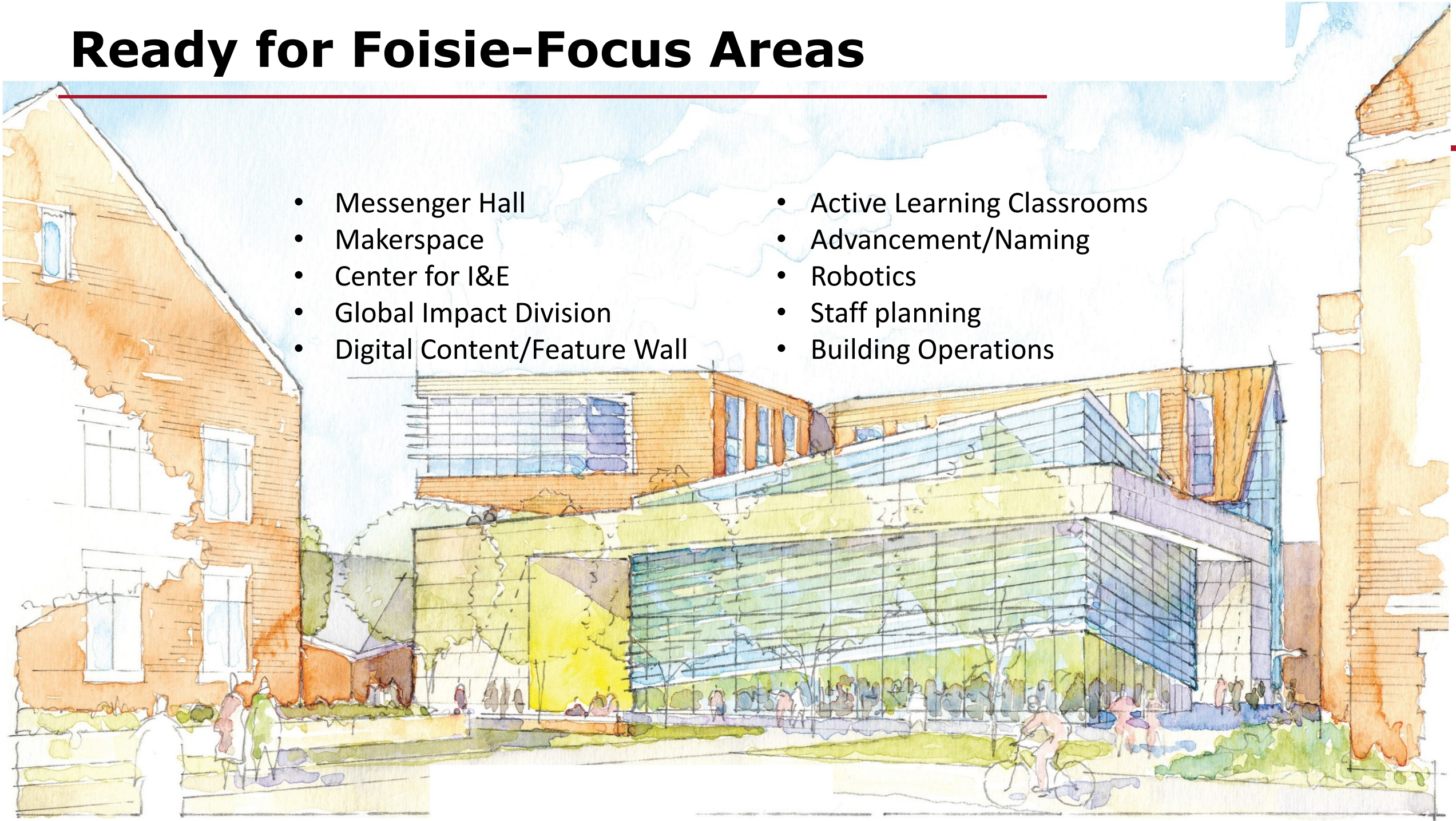
Custom workshops, consultations and webinars

17
CUSTOM WORKSHOPS, CONSULTATIONS AND WEBINARS
(2016–2017)

Support for project-based learning at WPI

900,000
STUDENTS SERVED
(2015–2017)

Ready for Foisie-Focus Areas



- Messenger Hall
- Makerspace
- Center for I&E
- Global Impact Division
- Digital Content/Feature Wall

- Active Learning Classrooms
- Advancement/Naming
- Robotics
- Staff planning
- Building Operations

Introducing the Global Impact Division**

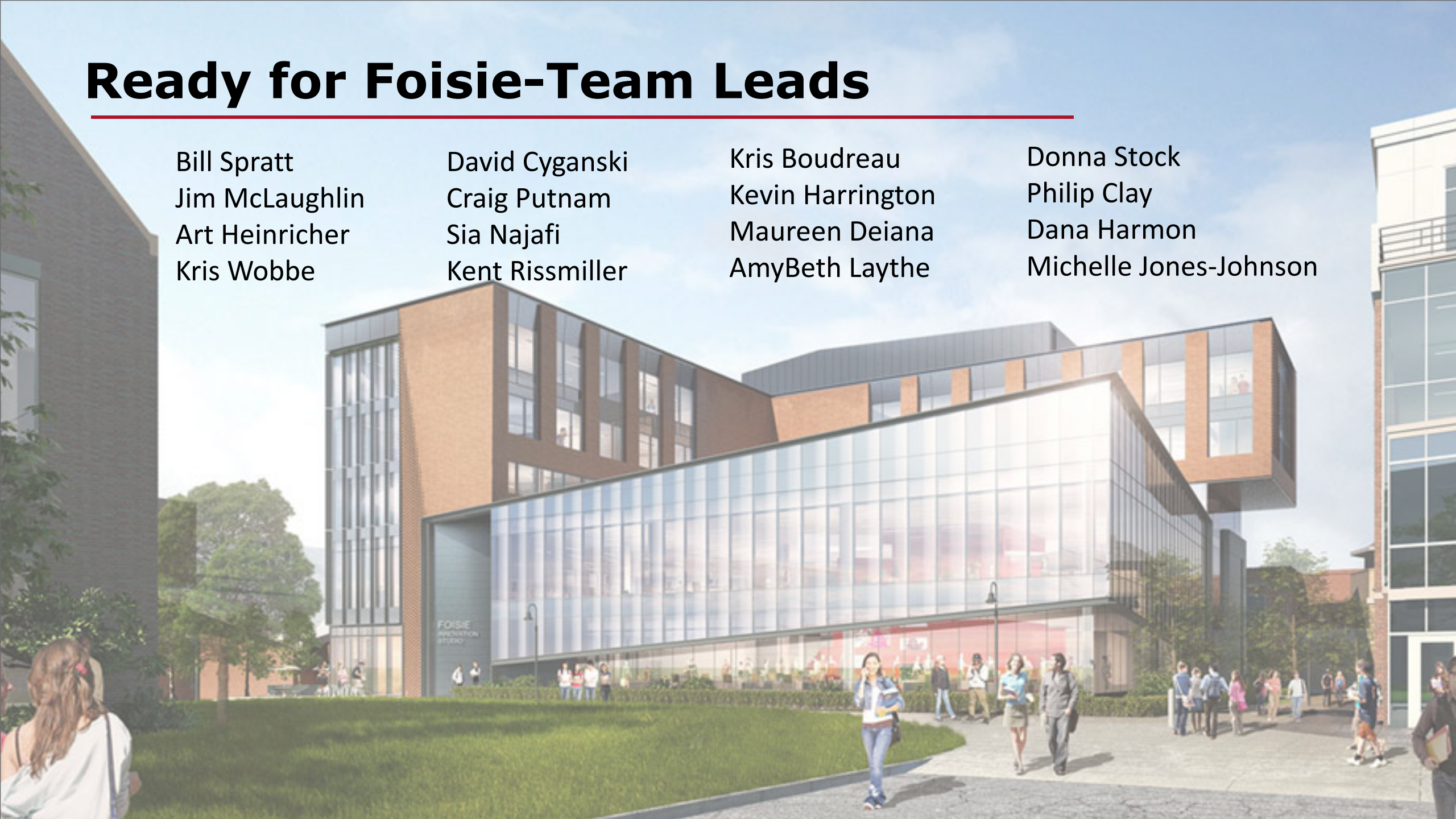
Goal: Maximize WPI's positive global impact by developing an organizational structure that integrates, synergizes and amplifies our academic global activities

** Final name TBD

Ready for Foisie-Team Leads

Bill Spratt
Jim McLaughlin
Art Heinricher
Kris Wobbe

David Cyganski
Craig Putnam
Sia Najafi
Kent Rissmiller

Kris Boudreau
Kevin Harrington
Maureen Deiana
AmyBeth Laythe

Donna Stock
Philip Clay
Dana Harmon
Michelle Jones-Johnson