

Vision for Academics@WPI

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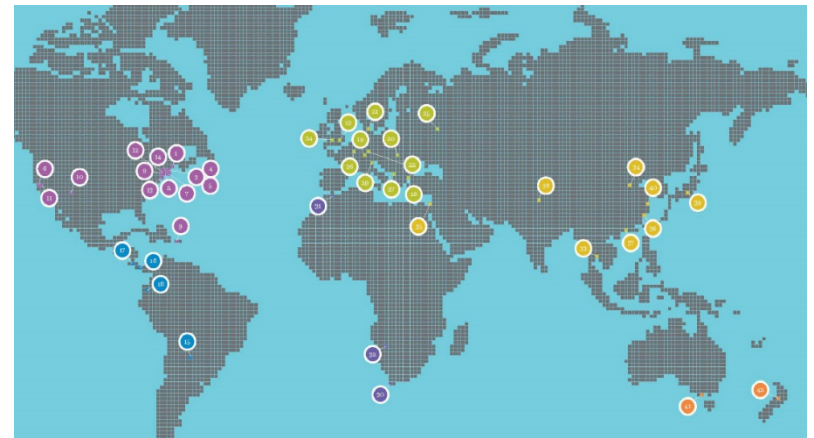


The Heart of Massachusetts



WPI Accolades

- Winner of the prestigious 2016 Gordon Prize
- #1 Faculty Research & Teaching
Wall Street Journal/Times Higher Education (2016)
- Top 10 study abroad program, four consecutive years: The Princeton Review



Great Outcomes

1 OF 17

PROGRAMS TO LOOK FOR:
INTERNSHIPS/CO-OPS
U.S. news & world report

1 OF TOP 5

COLLEGES THAT
PAY YOU BACK
Princeton Review (2016)

400+

EMPLOYERS RECRUIT
ON CAMPUS EACH YEAR

4,000+

MENTORING HOURS FOR
NEW BUSINESS VENTURES
WPI Tech Advisors Network

\$67,000

AVERAGE STARTING SALARY,
BACHELOR'S DEGREE
WPI Class of 2016

\$83,000

AVERAGE STARTING SALARY,
MASTER'S DEGREE
WPI Class of 2016

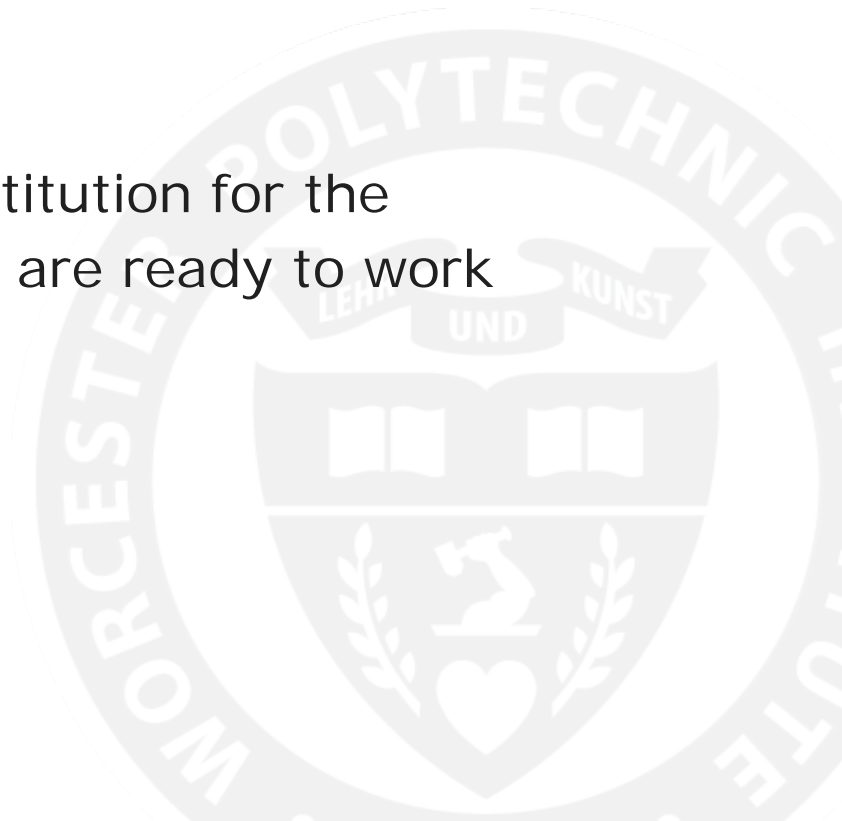


Background and Introduction

- From Princeton to WPI....Institution that best combines all of the things that I value as an academic
 - Scholarship and the scholarship of teaching and learning
 - Theory and practice + Project-Based Learning
 - Global engagement
 - Purpose-driven impact
 - Community
- The past two years at WPI.....
- Vision for the next year – Building Community and Elevating the Impact of Academics@WPI

Mission: To use theory and practice to engage in purpose driven education and research

Vision: World-class institution for the training of problem solvers that are ready to work and add value on day one



Global Leader in Project-Based Learning

Integrating research and teaching in undergraduate and graduate programs

40+

PROJECT CENTERS
ON SIX CONTINENTS

50+

ACADEMIC DEGREE
PROGRAMS

4,320

UNDERGRADUATE
STUDENTS



WINNER

OF THE PRESTIGIOUS 2016 GORDON PRIZE
FOR INNOVATION IN ENGINEERING AND
TECHNOLOGY EDUCATION

100%

OF STUDENTS RECEIVE A GLOBAL
PROJECTS SCHOLARSHIP (AS OF
CLASS OF 2022)

2,063

GRADUATE
STUDENTS

Vision: To be a Global Leader in Purpose-Driven Education and Research

Purpose-driven impact is our focus



- Research and innovation
- Education and training for life
- Partnering with industry, government, academia and NGO's

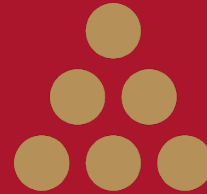
WPI's Strategic Research Areas - Focused on Global Challenges



HEALTH &
BIOTECH



ROBOTICS &
INTERNET OF THINGS



ADVANCED
MATERIALS
& MANUFACTURING



CYBER, DATA,
& SECURITY



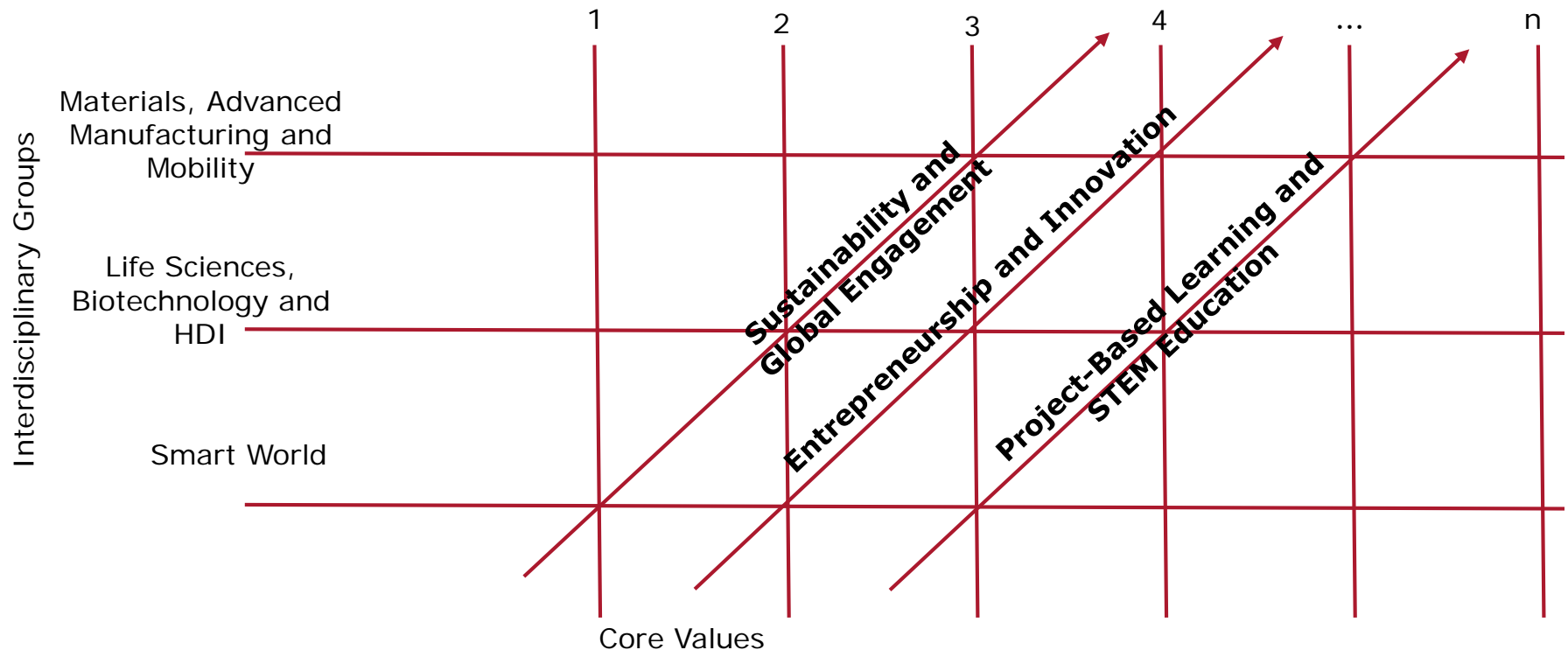
LEARNING
SCIENCES

9.3%

INCREASE IN RESEARCH FUNDING (2016–17)

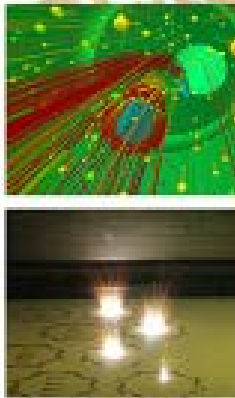
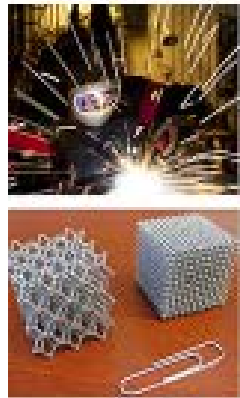
Interdisciplinary Education and Research

Strategy for Interdisciplinary/Multi-Disciplinary Research



Identify Group Interests and Opportunities –
Research, Education, Outreach

Purpose-Driven Strategic Research & Education



Interactions With The Foisie Innovation Center

- New opportunity to link three key components of WPI
 - Maker space
 - Innovation, Value Creation and Entrepreneurial Mindset/Ecosystem
 - Value Creation and Impact on the World

Made @ WPI



I & E @ WPI



Global Impact

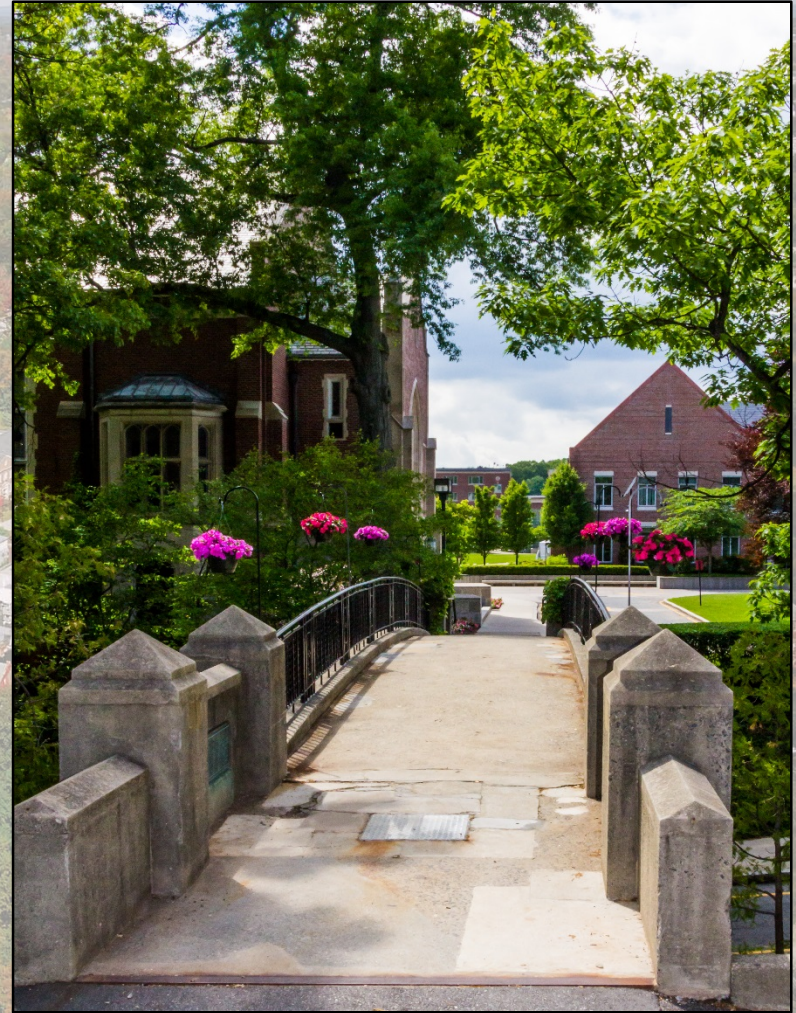


Plans for This Academic Year

- Strengthen the core of WPI's unique undergraduate & graduate programs + workforce development
- Initiate Global School and Institute for Science, Technology & Innovation for Development
- Initiate Cross-cutting Education and Research Institutes – Materials & Manufacturing, Bio-X, Smart World/Computation & Independents
- Develop strategic 5 year academic space plan – work within WPI team on the renovation of old space and plans for new building

Vision for Academics@WPI

- Global Polytechnic
- Strong Student Body
- Strong Faculty & Staff
- Translational Research
- Highly Recognized
- Local/Global Impact



Questions

