

Opportunities for Industry Engagement

2016 NW Aerospace & Defense Symposium
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University of Washington





UW
SEATTLE

45,870

UW
BOTHELL

5,279



UW
TACOMA

4,618

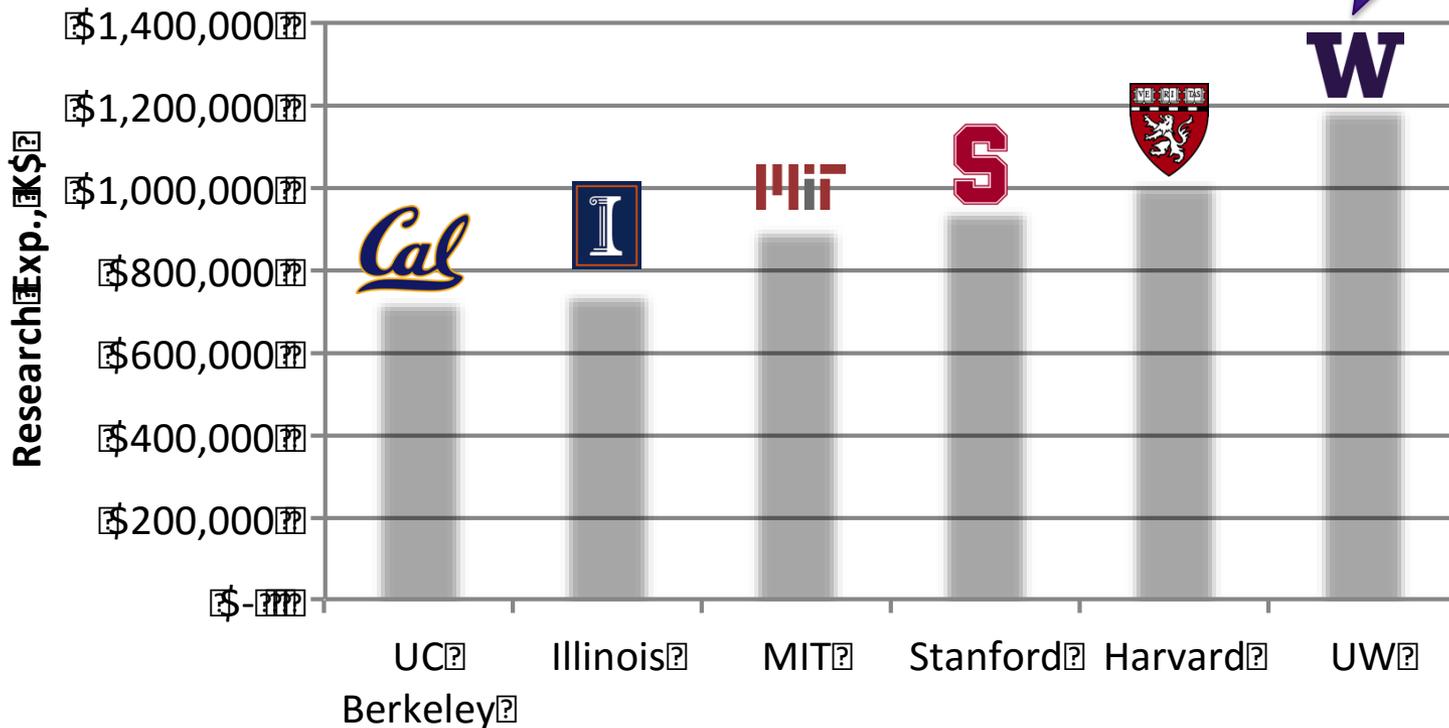
EDUCATIONAL
OUTREACH
49,000+

UW serves more students than any other Northwest institution
Fall 2015 enrollment figures for campuses . FY13 figures for educational outreach

Research Expenditures – Top Schools

#3 Nationally
#1 Public Univ. Fed. \$

2013 Research Expenditures



Source: NSF, Natl. Center for Science & Eng. Statistics
<https://ncesdata.nsf.gov/profiles/site?method=rankingBySource&ds=herd>

UNIVERSITY of WASHINGTON

A World Leader in Education, Research & Innovation

Scope & Scale

16 Colleges & Schools
140+ majors
55,767 students
4561 Faculty

Financial Support

\$6.9B budget
\$1.3B for research



Scientific Publications

5 in the World
1 among US Publics
NTU Rankings, 2014

On Campus

Talent

15,688 degrees granted
5,290 in STEM fields

Innovation

15 startup companies
467 patent applications
81 issued patents



Economic Impact

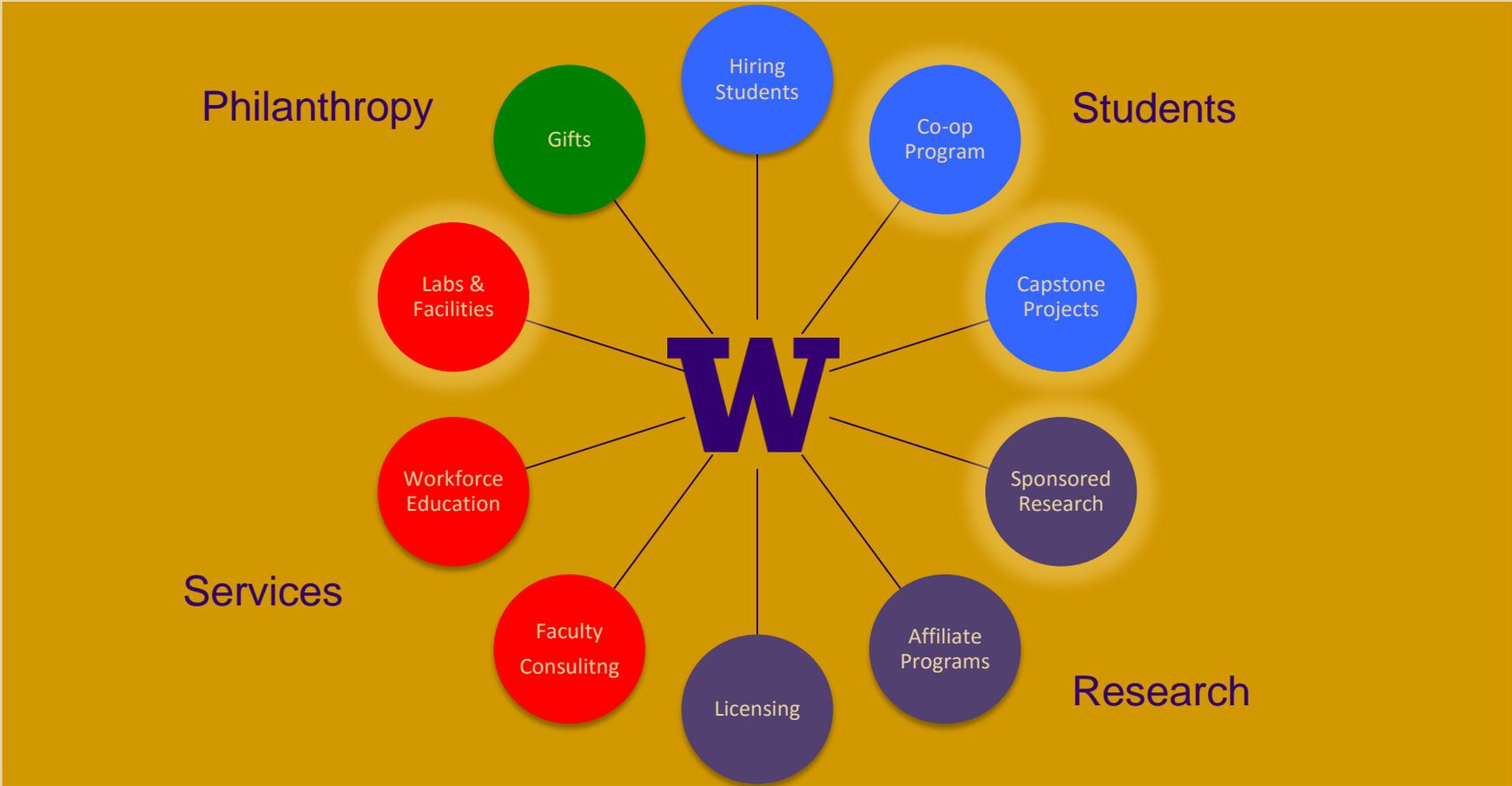
\$12.5B per year

Regional Impact

**Ranked #1 most innovative public university
by Reuters**

UNIVERSITY of WASHINGTON

Industry Engagement Opportunities



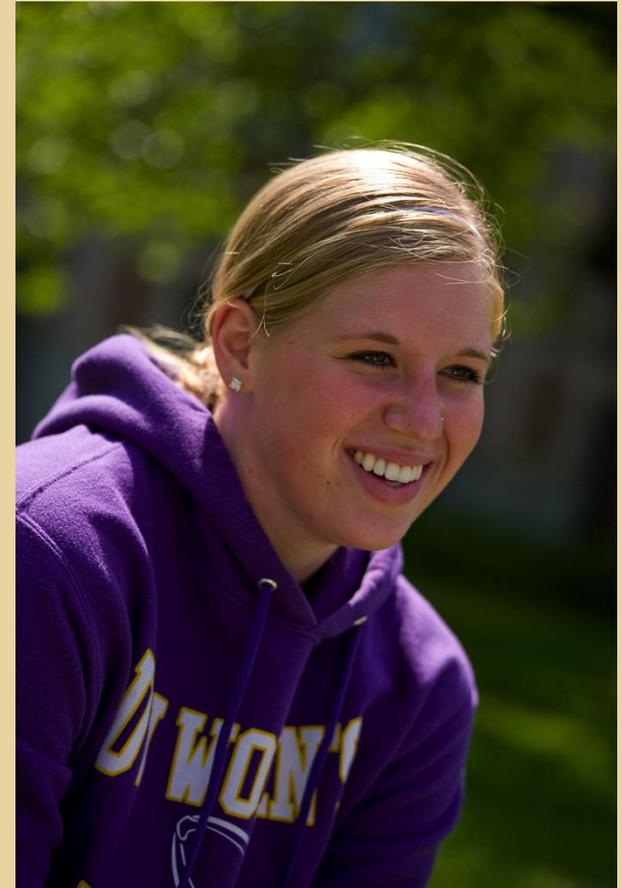
Engineering Co-op Program

Companies hire students for 1, 2, or 3 quarters

- Great way to recruit, evaluate talent
- Post positions on UW Engineering Job Board

Students earn credit while working full-time

Positions must be paid and comprise work that is 50%+ engineering-related



Capstone Projects

Integrated design project for seniors in engineering majors

Companies can sponsor student teams to tackle real-world problems.

Company provides mentor to advise team and keep them on track

Great opportunity to evaluate talent and get extra bandwidth for challenging problems



Sponsored Research Projects

Customized research project with UW Faculty

- Project defined jointly with company
- Industry Relations team can connect your company with UW experts

Sponsor can license project IP

- New pre-packaged IP program

Cost depends upon project scope

- Costs start at about \$80K per year
- Small businesses can fund with SBIR/STTR



Washington Innovation Advantage

New program to simplify IP access on sponsored projects

- Company and faculty opt-in

Sponsor can pay upfront for exclusive or non-exclusive commercial license to project IP

Cost is 10% of project budget for exclusive license, 5% for nonexclusive license

- Exclusive license: 1% royalty for net sales >\$20M



User Facilities

Specialized labs & facilities that are available for company use on a fee basis

Example: Kirsten Wind Tunnel

- Subsonic wind tunnel

Example: Environmental Health Lab

- Chemical hazard identification, monitoring and analysis

Example: Wash. Nanofabriation Facility

- Full service micro and nanotech user facility
- Access to advanced characterization and nanofabrication tools: SEM, TEM, AFM, XRD



Learn More

- > Business & Industry Portal
 - www.washington.edu/partnerships
- > Industry Relations Team



Todd Cleland
Director, Industry Relations
Engineering



Rad Roberts
Director, Industry Relations
Health Sciences



Terry Grant
Director, Industry Relations
University-wide Initiatives

Thank You!

