

Research and Strategic Partnerships (RSP)

Research Update and Distinguished Faculty Designation

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Portland State 2016 Strategic Plan

STRATEGIC GOALS

2 Advance excellence in teaching & research

Attracting and retaining the highest quality faculty and entrusting them with academic freedom is the best means of achieving PSU's mission as a top urban research and teaching university. A renewed emphasis on professional development, strong integration in academic advising and robust shared governance will substantially strengthen the impact of our faculty. Our level of sponsored research has increased by 100% since 2009. Our faculty excels at providing research that enhances and solves problems for the rapidly evolving Portland region. That research has been extended into national and global fields, bringing new and broader attention to PSU.

Objective
Support a diverse faculty to advance teaching and research, honor academic freedom and prioritize investments to ensure relevant and high-quality academic programs. Enhance teaching environments, including curriculum, to ensure inclusion and affirmation for all students.

Assess Recognize Support

Initiative 3: Recognize Outstanding Research

- 3.1 Establish a Distinguished Professor rank to recognize outstanding research, scholarship and creative work.
- 3.2 Create opportunities for faculty and graduate students to develop and enrich their research efforts.

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Measuring Excellence in Research - College Metrics

- Goal: quantify the research productivity of the PSU colleges and faculty in those colleges
 - Clearly communicate expectations to faculty, leadership
 - Recognize faculty excellence and achievement!
 - Connect productivity to resources and strategies
- Process: establish a *small* number of quantifiable research metrics (college-dependent)
 - Choose metrics that are *reflective* of excellence, but that can also be *measured* and understood
 - Define baseline levels and research goals (*completed, Fall 2105*)
 - Identify and engage on strategies to increase research performance, and consider strategic investments
 - Measure on quarterly/yearly basis and assess productivity

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Research Productivity: External Funding (FY2015 Expenditures by College)

College	Expenditure	Percentage
CUPA	\$6.0M	10.4%
GSE	\$6.1M	10.5%
MCECS	\$7.6M	13.0%
SSW	\$14.7M	25.3%
CLAS	\$16.0M	27.5%
Other	\$7.3M	13.1%

CUPA:
Center Urban Studies \$1.4M

GSE:
OR Cntr. Career Dev. \$4.2M

MCECS Departments:
Civil Eng. \$2.7M
Computer Sci. \$1.7M
Elect. & Comp. \$1.6M
Mech Eng. \$1.3M

CLAS Departments:
Chemistry \$2.7M
Psychology \$2.3M
Biology \$2.3M
Env. Sci. Mang. \$1.9M
Geology \$1.2M
INS \$1.1M

SSW:
Cntr Imp Child. & Fam. \$8.1M
Reg. Res. Inst. \$6.6M

- Research Expenditures for PSU in FY2015 totaled \$58M
 - Nationally competitive in some areas of excellence
 - External funding enriches campus by supporting graduate students, faculty and staff pay, travel, professional development, and labs/equipment

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Research Impact and Productivity: PhD Student Production (DataMaster)

Doctoral students Graduated 2013-present

College	Students
ELIC	25
ELPE	16
ELEA	16
ELIC	1
PSVA	26
CHMD	20
BIRD	15
PHMP	12
ESGN	7
MTEED	6
SSGN	6
SOED	4
SOPY	2
SSBA	1
SSBA	1
EES	1
TECO	18
CS	16
ECE	13
CEEV	7
SWNS	15
UST	18
PAFP	11
HSP	3
USIS	1

Education School
Doctor of Education

Liberal Arts and Sciences (CLAS)
Doctor of Philosophy (PhD)

Engineering & Computer Sci
Doctor of Philosophy (PhD)

Urban & Pub. Affairs
Doctor of Philosophy (PhD)

- Total of 261 students receiving an advanced degree (EdD, PhD).
 - Students benefit from a strong research and education environment
 - Many graduate students supported on external funding
 - Establishes PSU's recognition as a leader in higher education.

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Research Impact: Publication Citations

Data from 2014 citations as compiled by PSU Library

Discipline	Citations	Percentage
Library	25	25%
Physics	2	2%
History	2	2%
Anthropology	2	2%
Electrical & Computing Engineering	8	8%
Mechanical & Materials Engineering	8	8%
Chemistry	7	7%
Psychology	7	7%
Biology	7	7%
Civil & Environmental Engineering	7	7%
Computer Science	7	7%
Management	7	7%
Engineering	7	7%
Community Health	6	6%
Social Work	6	6%
Business	4	4%
Environmental Sciences & Management	4	4%
Geology	4	4%
Urban Studies	4	4%
Mathematics	5	5%
Engineering	7	7%

Publications statistics are a measure of the impact of our contribution to knowledge

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Distinguished Faculty Designation

- Recognition of outstanding members of the PSU faculty (as measured by their scholarship and research)
 - Emerged from Research Task Force (part of Strategic Plan)
 - Modeled on comparable designations nationally
 - Reviewed by PSU provost, deans, and faculty senate steering

The Distinguished Faculty designation recognizes our PSU faculty at the highest levels of research impact – other mechanisms of support for junior and developing faculty are also in progress and consideration....

PORTLAND STATE UNIVERSITY DISTINGUISHED PROFESSORSHIPS

The Distinguished Professor title at Portland State University is one of the highest honors accorded to a faculty member. This award is given to those who have attained prominence in their field and whose work has had a significant impact on the university and the community.

Criteria for Selecting University Distinguished Professors

In general, Portland State University Distinguished Professors are recognized nationally for their scholarship. In addition, they are expected to be nationally and internationally recognized in their field and engaged in public service.

Recognition

1. Portland State University Distinguished Professors will be recognized annually at spring commencement and Fall Convocation, and have an opportunity to give an inaugural lecture.
2. Recipients' names and photographs will be prominently displayed in some location on campus and on the PSU website.
3. Distinguished Professors will have the opportunity to attend and be recognized at selected University and/or community events at the invitation of the Provost, Vice President for Research and Strategic Partnerships, and President in recognition of their contributions.
4. A yearly stipend of \$2000 will be paid to the individual in addition to their faculty salary.

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Commitment to Knowledge and Research

- Portland State University is a unique knowledge resource for the Portland region, the state of Oregon, the nation as a whole, and the international community
 - Inventing, expanding, and applying knowledge is key to our identity ("Let Knowledge Serve the City")
 - Our faculty, students, and staff contributions are enhanced by our institutional commitment to development and recognition of excellence
 - Examples of PSU research support: start-up packages, Faculty Enhancement Grants, travel grants, research excellence awards, graduate student support
- The Strategic Plan suggests building and resourcing a strategy for the continued success and growth of the research enterprise
- Questions or comments:
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