Faculty members and students at Portland State University are working to improve our local and global communities. We're taking on the critical issues of the 21st century like climate change and environmental degradation, urban growth and homelessness, transportation and renewable energy, the origins and operations of life, and improving health and well-being for all. We partner with community organizations, governments, industry, and other universities to create new knowledge and innovative solutions. Our discoveries bring the future into focus.

### TOP DEPARTMENTS WITH ACTIVE SPONSORED PROJECTS

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>Active Projects</th>
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</thead>
<tbody>
<tr>
<td>CIVIL &amp; ENVIRONMENTAL ENGINEERING</td>
<td>68</td>
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<tr>
<td>MECHANICAL &amp; MATERIALS ENGINEERING</td>
<td>48</td>
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<tr>
<td>REGIONAL RESEARCH INSTITUTE FOR HUMAN SERVICES</td>
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<tr>
<td>BIOLOGY</td>
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<tr>
<td>ENVIRONMENTAL SCIENCE &amp; MANAGEMENT</td>
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<tr>
<td>ANTHROPOLOGY</td>
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<tr>
<td>CHEMISTRY</td>
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<tr>
<td>CENTER FOR THE IMPROVEMENT OF CHILD &amp; FAMILY SERVICES</td>
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<tr>
<td>ELECTRICAL &amp; COMPUTER ENGINEERING</td>
<td>27</td>
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<tr>
<td>MATHEMATICS &amp; STATISTICS</td>
<td>25</td>
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<tr>
<td>GEOGRAPHY</td>
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</tbody>
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### TOP FUNDERS OF SPONSORED PROJECTS

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<tr>
<th>AGENCY</th>
<th>Active Projects</th>
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</thead>
<tbody>
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<tr>
<td>DOI - NATIONAL PARK SERVICE</td>
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<tr>
<td>OREGON DEPARTMENT OF TRANSPORTATION</td>
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<tr>
<td>OREGON HEALTH &amp; SCIENCE UNIVERSITY</td>
<td>23</td>
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<td>USDA - US FOREST SERVICE</td>
<td>23</td>
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<td>NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</td>
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<tr>
<td>HHS - NATIONAL INSTITUTES OF HEALTH</td>
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<tr>
<td>CITY OF PORTLAND</td>
<td>17</td>
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<tr>
<td>US DEPARTMENT OF EDUCATION</td>
<td>17</td>
</tr>
<tr>
<td>OREGON STATE UNIVERSITY</td>
<td>15</td>
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<tr>
<td>US DEPARTMENT OF TRANSPORTATION</td>
<td>14</td>
</tr>
</tbody>
</table>

### RESEARCH & GRADUATE STUDIES

#### 766

ACTIVE SPONSORED PROJECTS IN FY 19

- **375** APPLIED RESEARCH PROJECTS
- **183** BASIC RESEARCH PROJECTS
- **153** PUBLIC SERVICE PROJECTS
- **22** EXPERIMENTAL RESEARCH PROJECTS
- **18** INSTRUCTION PROJECTS
- **290** UNIQUE AGENCIES FUNDING PROJECTS
- **62** PROJECTS ADDRESSING SUSTAINABILITY
- **39** PROJECTS FOCUSED ON DEVELOPING STEM WORKFORCE

- **5,400** GRADUATE STUDENTS
- **1,946** GRADUATE DEGREES/CERTIFICATES AWARDED

#### Research Supports Student Success

Undergraduate research is shown to improve student success and transform the academic and professional lives of underserved students. Research provides students the opportunity to practice experiential learning and prepares them for careers and pursuit of advanced degrees. In FY19, research funding provided $5.5M in student salaries and tuition. These funds contribute to student financial stability and open the door to hands-on research experiences in labs across the university. In addition to these funds, Portland State is home to 39 active funded projects that aim to increase participation and successful outcomes in STEM.
2019: Growth, Innovation, Exploration

As a growing research institution, Portland State University is on the frontline of developing new ideas, technologies, and programming that focus on scientific, environmental, and social issues. The knowledge we generate through our ingenuity and exploration is central to our research and teaching mission. Curiosity and a passion for discovery fuel our excellence. Together, our faculty and students are transforming Portland and beyond by addressing major challenges of the 21st century. Portland State University: where innovation and exploration thrive.

GROWING RESEARCH

$65.3M
RESEARCH EXPENDITURES IN FY19
8.2%
INCREASE IN EXPENDITURES FROM FY18

Why are research expenditures important?
Research expenditures are an indicator that PSU is fulfilling the research, education, and service portions of its mission by engaging in high-quality, innovative research that supports student success while sharing discoveries that serve the city, the region, and the world.

EXPENDITURES BY COLLEGE

- Lib. Arts & Sci. $16.9M
- Social Work $14.1M
- Eng. & Comp. Sci. $9M
- Education $6.6M
- Urban/Public Affairs $4.8M
- University Centers $4.6M
- Mentoring Center $4.1M
- Non-academic Units $3.3M
- Public Health $1.1M
- Arts $268K
- Business $239K

EXPENDITURES BY SPONSOR TYPE

- Federal $45.6M
- State & Local $14.7M
- Nonprofit $4.2M
- Industry $763K

EXPENDITURES BY BUDGET CATEGORY

- Faculty/Staff Salaries $29.3M
- Finance/Admin. $11.5M
- Travel/Services $7.7M
- Subcontracts $6.2M
- Support Services $3.7M
- Graduate Salaries $3.2M
- Tuition $1.2M
- Undergraduate Salaries $1M
- Equipment $999K

EXPENDITURES FY15 - FY19

What do research expenditures fund?
Research expenditures cover many categories, including tuition, travel, equipment, and the cost of maintaining infrastructure. The most significant portion of expenditures (52%) includes the personnel (faculty, staff, and students) who conduct research and assure researchers meet standards set by funding agencies.

$34M
RESEARCH PERSONNEL EXPENDITURES
52%
OF EXPENDITURES SUPPORT FACULTY, STUDENTS & STAFF