Graduate Learning and Educational Experience

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MARCH 30, 2016
Functions of the Graduate School

Assist with recruitment and retention, especially of under-represented minorities

Process and review all applications, admissions, matriculations and enrollments, and confer degrees

Strategically distribute over $4 million in fellowships and scholarships to graduate students

Assist departments and colleges with development of degree programs

Work with Graduate Council to review policies and ensure high program quality through annual and decadal assessment of graduate programs
Functions of the Graduate School

Monitor student progress and provide training to improve student success

Offer curriculum of courses and workshops to increase employability of graduates

Oversee and support intercollegiate interdisciplinary programs as they develop

Oversee the Office of Postdoctoral Programs

Enable philanthropic giving to support graduate education
Graduate School Facts

Graduate Enrollment (Fall 2015)

**TOTAL**

*(Corvallis, Cascades, Ecampus)*

- 4,544 total graduate student enrollment
  - 14.9% of student body is graduate students
- 3,609 degree-seeking master’s and doctoral students
  - An increase of 3.2% from Fall 2014 (3,498)
  - Highest enrollments are in the colleges of Engineering (1,150), Education (423) and Science (401)

**BY DEGREE TYPE**

- Doctoral: 1,555 (+3.5% from 2014)
- Master’s: 2,054 (+2.8% from 2014)
- Non-Degree: 935 (-13.2% from 2014)

**BY CAMPUS**

- Corvallis: 3,410
- Cascades: 159
- Ecampus: 975
Graduate School Facts

Graduate Enrollment (Fall 2015)

**BY RESIDENCY & CITIZENSHIP STATUS**

- 69.6% are U.S. residents
  - 42.7% of these students are Oregon residents
- 30.4% are international students

**BY RACE/ETHNICITY**

- 12.8% self-identify as members of a racial or ethnic minority
- 6.7% are under-represented minorities (includes: Native American/Alaskan Native, Black, and Hispanic)
Graduate School Facts

Degrees Conferred (2014-15 Academic Year)

- OSU conferred 1,082 graduate degrees
  - 19.5% of were doctoral degrees
  - 140 first professional degrees (DVM, PharmD)
  - 82 graduate certificates

- Significant progress is being made toward OSU’s Strategic Plan 3.0 goal of awarding 255 PhDs annually by the 2017-18 academic year.
  - OSU awarded 211 PhD degrees in 2014-15.
Postdocs

284 Postdocs in 2015

Various disciplines across campus with the largest in Earth, Ocean and Atmospheric Sciences, Botany and Plant Pathology and Chemistry

Gender Composition: 52.8% Men and 47.2% Women
Scope of Graduate Education at OSU

77 majors offered at the master’s level

57 majors offered at the doctoral level across 11 colleges

OSU also offers 84 graduate minors and 12 graduate certificates
Alignment with SP 3.0 Objectives
Goal 1. Provide a transformative education for all learners
Enhance the learning environment to raise and equalize student success

High Impact Learning as a hallmark of Undergraduate Education
- Over 1,000 GTAs results in more than 30,000 undergraduate student contact hours per week
- Accelerated Masters Program (e.g., 4+1)
  - 9 credits count towards Masters degree; 14 programs participate

Advance learning through course design, assessment and faculty development
- Annual assessment of all graduate programs
- Oversee 10-year external reviews for 6-8 programs a year
Enhance the learning environment to raise and equalize student success

Expand strategies to recruit diverse and high achieving students
- Diversity Scholar Recruitment Award
  - 8 DSR awards last year
- Black Graduate Student Association (BGSA)

Advance Student Success
- Graduate Student Success Center (GSSC)
  - Academic Progress
  - Professional Development
  - Weekly and Monthly Newsletters
  - New student communication plan (reminders, resources, etc. prior to fall term)
Post Graduation Metrics

Post-graduation Placement

Have you secured a job at the time of graduation?
- No: 46.3%
- Yes: 52.0%

Do your immediate post-graduation plans include higher education?
- No: 13.5%
- Yes: 73.4%
Goal 2. Demonstrate Leadership in Research, Scholarship and Creativity
Expand and Cultivate Transdisciplinary Research

Continue to oversee interdisciplinary programs in:

- Environmental Sciences,
- Molecular and cellular biology
- Water resources, and
- Interdisciplinary Studies
Expand and Cultivate Transdisciplinary Research

New programs added in the past three years
- Environmental Engineering (masters and doctoral)
- Public Policy (doctoral)
- Robotics (masters and doctoral)
- Comparative Health Sciences (masters and doctoral)
- Women, Gender and Sexuality studies (doctoral)
- Environmental Arts and Humanities (masters)
- Athletic Training (masters)
- Psychology (doctoral and masters)

Seeking approval for two additional programs
- Data analytics (masters)
- Bioengineering (doctoral and masters)
Expand and Cultivate Transdisciplinary Research

Conducted decadal reviews over the past year for:
- Civil and Construction Engineering
- Biochemistry & Biophysics
- Soil Science
- Crop Science
- Water Resources Science, Policy and Engineering programs
- Statistics
- Chemical Engineering

Data Driven Decisions
- Seek feedback from students as they exit
- Provide data to programs for annual self reflection
Expand and Cultivate Transdisciplinary Research

Over 800 Graduate Research Assistants and 200 postdocs are the workforce behind $309 million in externally funded research conducted at OSU.

OSU theses/dissertations are accessed from Scholars Archive nearly 1.5 million times per year.

OSU postdocs mentor undergraduate and graduate students in labs, and organize a research symposium.
Goal 3. Strengthen Impact and Reach Throughout Oregon and Beyond
Drive Economic Development

Graduate students and postdocs participate in the OSU Advantage Accelerator/RAIN Corvallis to engage graduate students and postdocs with non-academic opportunities and careers in Oregon.

Engage alumni and external partners to advance our goals by partnering with other units to raise $2 million to establish graduate fellowships.
Drive Economic Development

In Fiscal Year 2015, there were 69 distinct invention disclosures, 68 distinct patents filed and 31 distinct patents issued to graduate faculty.

- Additionally, there were 25 distinct invention disclosures, 22 patents filed, and 5 patents issued to graduate students of OSU (data from OSU Research Office).

Many of our graduate students are active participants in research and outreach at Oregon State Agricultural Experiment Stations and Centers across the state.

- Examples include the Food Innovation Center in Portland and Seafood Center in Astoria, while also collaborating with Extension Specialists on the Corvallis campus.
How inclusive of a diverse student, staff and faculty body do you find the University to be?

- 50.2% Very Inclusive
- 35.4% Somewhat Inclusive
- 6.1% Slightly Inclusive
- 5.7% Not at all Inclusive
- 2.6% No response

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Enhancing Diversity

Serves on the OSU ADVANCE grant Internal Advisory Board.

Developing a set of best practices to help build pipelines of potential students from selected Historically Black Colleges & Universities (HBCU).

Presenting on partner accommodation policies to increase the participation of women in STEM fields at the NSF Advance PI meeting.

Influencing academic and employment applications to include information that would allow us to assess the success of members of the LGBTQ+ community.
New Initiatives

- Establish Student Success Team and open Graduate Student Success Center in the Memorial Union, driven by student requests
- Focus on advancing diversity initiatives (e.g., Tenured Faculty Diversity Initiative (TFDI) funds and HBCU/OSU pipelines, Diversity Scholar Recruitment Awards, etc.)
- Enhanced professional development opportunities through Graduate Certificate in College and University Teaching (GCCUT) and Center for the Integration of Research, Teaching and Learning Network (CIRTL)
- Creating online learning modules for faculty, to support positive and effective graduate student mentoring
- Expanding the use of road maps to help students identify significant milestones and outcomes after graduation
Questions