

Office of Research

# **SUPPORTING AND ACCELERATING RESEARCH & ENABLING FACULTY SUCCESS**

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Professor, College of Engineering***

**October 8, 2019**



**Oregon State  
University**

# Background and Experience

Understanding the entire research enterprise as a....

- Researcher
- Research Administrator
- Program Manager

## **Vision: Enable, Partner, and Advocate**

1. RO as an enabler and partner
2. OSU as a preferred strategic partner
3. OSU as a destination with cutting edge facilities
4. OSU as a leader and model for faculty development

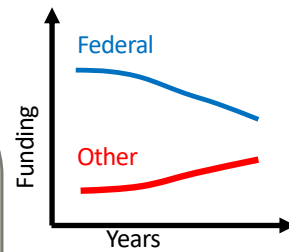
# Significance of OSU's Research Mission

- R1 university standing:
  - 1 of 115 out of 4600 colleges and universities in US
  - 1 of 37 to carry R1 and land-grant designation
- FY19 research revenue at near \$440M, up 15% from last year
- Our role and responsibilities as an R1 and land-grant university:
  - Blending large scale discovery and education
  - Connecting work in our labs and classrooms directly to the people

## Focus on Research Mission in SP 4.0

- Further building world-class faculty
- Expanding and strengthening our research infrastructure
- Producing the next generation of scholars
- Growing our signature areas of distinction
- Creating opportunities for undergraduates to participate in our research and discovery mission
- Supporting entrepreneurship and innovation

# Shifting Funding Dynamics Driver for Strategic RO Role



Capture Funding  
Respond to Requests  
Process Grants  
Ensure Compliance



Grow Research Impact  
Open New Funding Avenues  
Reduce Faculty Admin Burden  
Educate to Protect Researcher

# Office of Research Responsibilities

- RO Functions:
  - OSRAA
  - ORI
  - OCCD
  - ORD
  
- Centers, institutes, core facilities

# Office of Research Leadership Team

Staci Simonich: AVPR for Research Operations and Integrity

Brian Wall: AVPR for Research and Economic Impact

Tuba Ozkan Haller: AVPR for Research Administration and Development

Jenn Creighton: Director of Fiscal Affairs

EA support:

Carolyn Moir

Drea Zigler

Gretchen Cuevas



# Office of Research Needs

- Assessing current state of operations
  - Processes and policies
  - Partnership dependencies and opportunities
  - Regulatory obligations
  - Staffing needs
- Enabling RO to support faculty research
  - Get to know processes, seek our help, get training
  - Help us help you navigate the federal regulations

Main Ask: *Treat RO staff as partners rather than adversaries!*

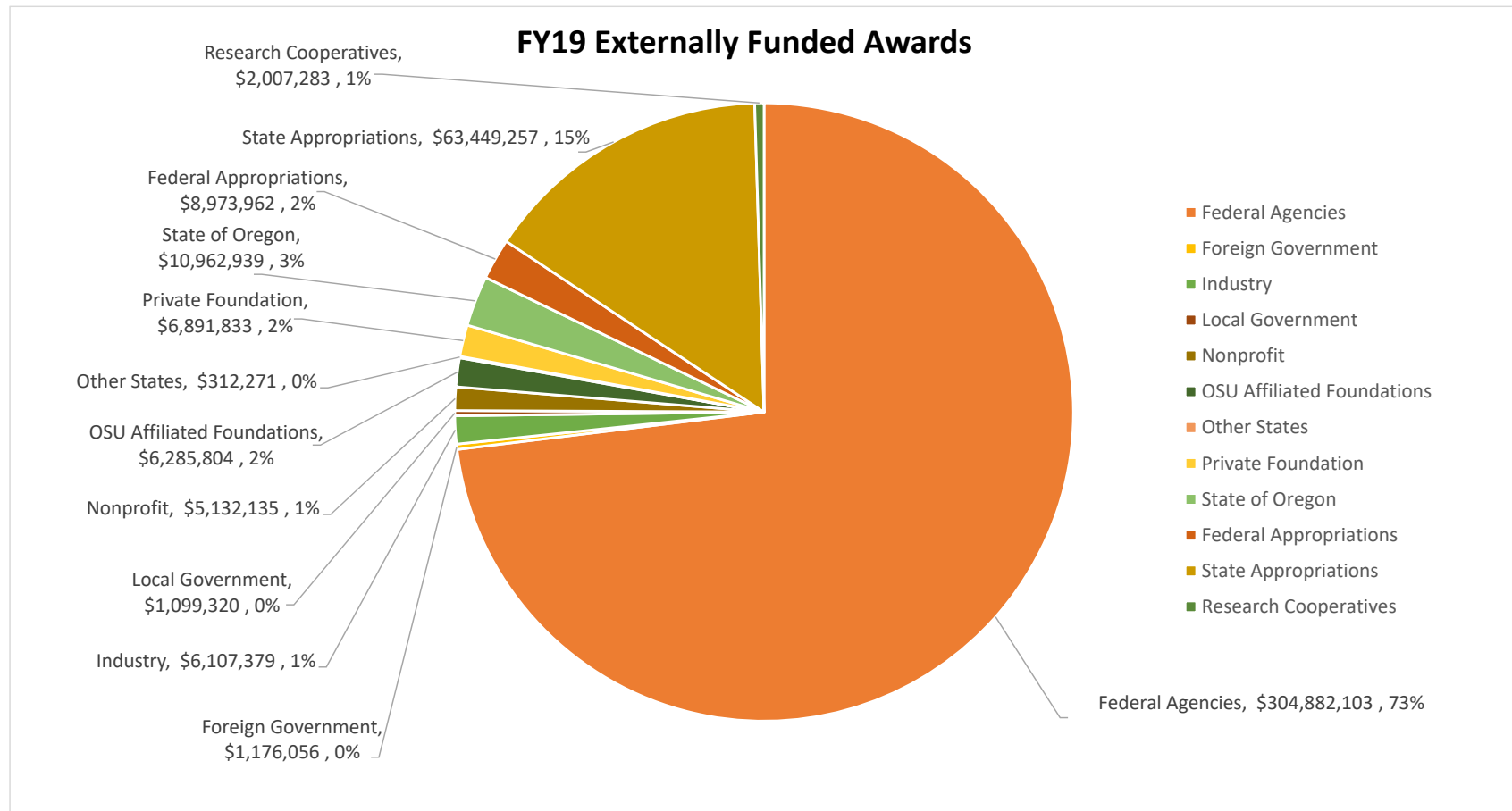
# Office of Research Opportunities

- Working with Lobbying Firm (SMI) and Director of Government Relations (Serra)
- Working with your colleges' ADRs, VPR (me), and the AVPRs
- Training and support on processes and regulations
- Equipment fund, start-up package
- Building and lab renovation/maintenance
- Cost match (new: UIRF)
- Research development
- Limited grant submissions
- Contract negotiation
- Accelerator programs for entrepreneurship
- Diving and scientific boating certification
- Export controls and international compliance help
- Research conflict of interest help

# Research Development Offerings

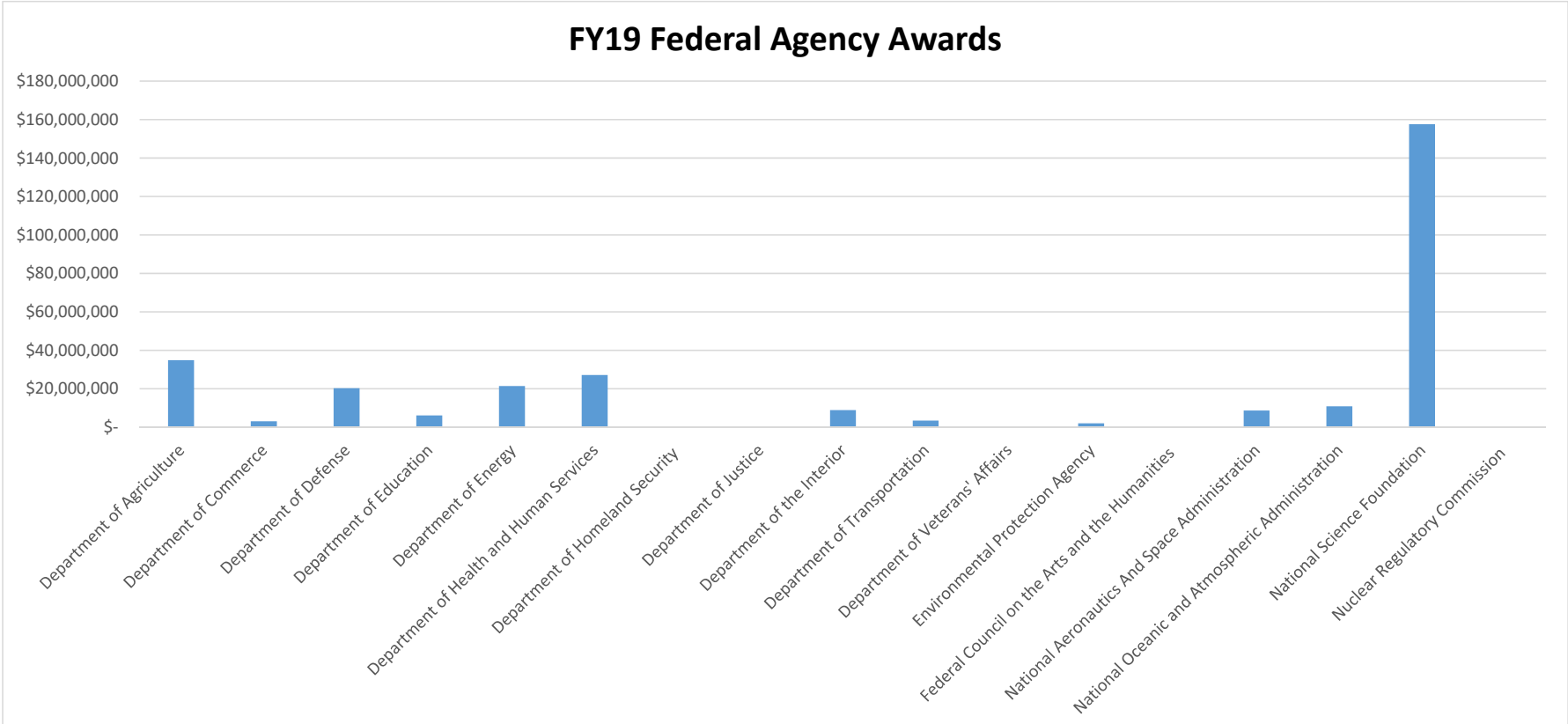
- RO level offerings:
  - RO office orientation
  - Facilities fair
  - Grant writing
  - Grant and project management
  - Engaging federal agencies
  - Engaging in innovation & entrepreneurship
  - Innovation Days
  - Ignite colloquia: Building new collaborations
  - Accelerator programs: iterate, accelerate, launch
  
- Colleges:
  - Various faculty development workshops

# Revenue Sources: Diversifying Funding



Near \$440M in external funding in FY19

# Federal Funding Agencies



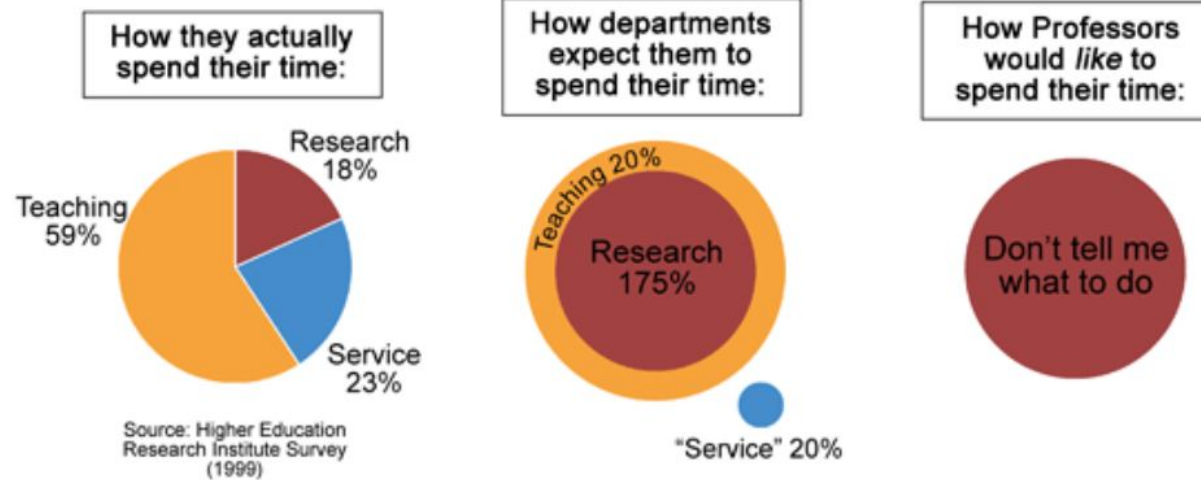
# Academic Success

# Workload -- revisited

Piled Higher and Deeper *by Jorge Cham*

[www.phdcomics.com](http://www.phdcomics.com)

## HOW PROFESSORS SPEND THEIR TIME



JORGE CHAM © 2008

[WWW.PHDCOMICS.COM](http://WWW.PHDCOMICS.COM)

title: "How Professors spend their time" - originally published 8/25/2008

# Faculty Research: What's in an Academic Job?

Major aspects you must excel in:

- Funding
- Publishing and delivering results
- Marketing
- Recruiting and hiring
- Networking
- Mentoring and supervising
- Accounting
- Teaching
- Service



# Guidance for Junior Faculty

- Cultivating relationships (coaches vs. sponsors!)
  - Seeking feedback often: ASK FOR HELP!
  - Developing a work plan to review every year with supervisors
- Looking for collaboration opportunities
  - Balancing collaborations with single PI proposals (CAREER!)
- Understanding P&T criteria & priorities
  - Creating built-in accountability for all aspects (research!)
  - Avoiding tendency to **overfunction** on service & teaching!
  - Aligning priorities with time
- Participating in faculty/research development offerings
  - Getting visibility with agencies
  - Investing time in training your students and mentoring
- Learning to be resilient
- Paying attention to personal life and health

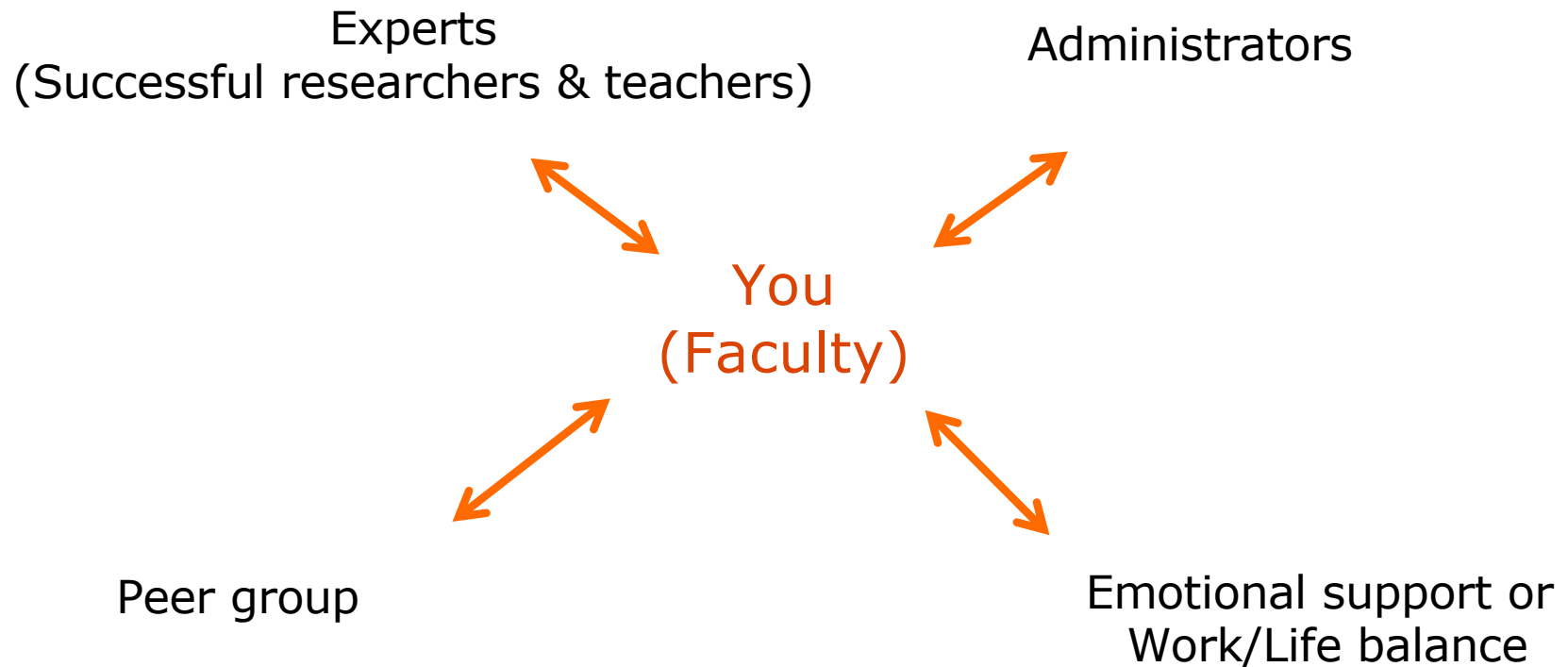
# National Center for Faculty Diversity & Development

- *NCFDD Institutional membership*: SIGN UP using your OSU email!
- Core Faculty Success Curriculum webinars and slides:
  - Developing a work plan
  - **Aligning your time with your priorities**
  - **Developing a regular writing practice**
  - **Mastering time management**
  - **Saying 'NO'**
  - Cultivating your network of mentors & sponsors
  - Overcoming academic perfectionism
  - Dealing with stress and rejection
  - How to win an NIH grant
  - Everything you need to know about grant writing
  - How to prepare for stress free teaching
  - How to seek and get foundation funding
  - **BOOTCAMPS!**

## Guidance for Mid-Career Faculty

- Participating in events for building collaborations
- Going after strategic and high-impact grants
- Participating in faculty development offerings
- Seeking innovation and entrepreneurship opportunities
- Seeking leadership training opportunities
- Seeking national and international awards
- Becoming a good mentor to junior faculty

# Mentoring Network Model



# Mentoring Network: What's the Point?

- Connect you with mentors and key personnel in across your unit and the RO in order to set you up for success
- Start a handbook of resources to support you
- Use faculty development workshops to develop your network with peers and senior faculty
- Look for overlap between your professional and personal networks to cultivate positive relationships and advocates

**The End**

Q&A