



New Faculty Foundation: Building for Success

Diving deeper into your faculty role

November 11, 2024

Today's Presenters

- **Peter Barr-Gillespie, Ph.D.**, Executive Vice President and Chief Research Officer, OHSU Research & Innovation and **Dana Director, Ph.D.**, VP Research Administration
- **Cynthia Morris, Ph.D., M.P.H.**, Director, Oregon Clinical and Translational Research Institute
- **Paul Newton, J.D.**, Director, Human Research Protection Program; IRB Chair
- **Sonnet Jonker, Ph.D., FAPS**, Professor of Medicine, Division of Cardiovascular Medicine



RDA 101F

Introduction to Research Development & Administration for Faculty

OHSU Research & Innovation
Research Development & Administration



Overview

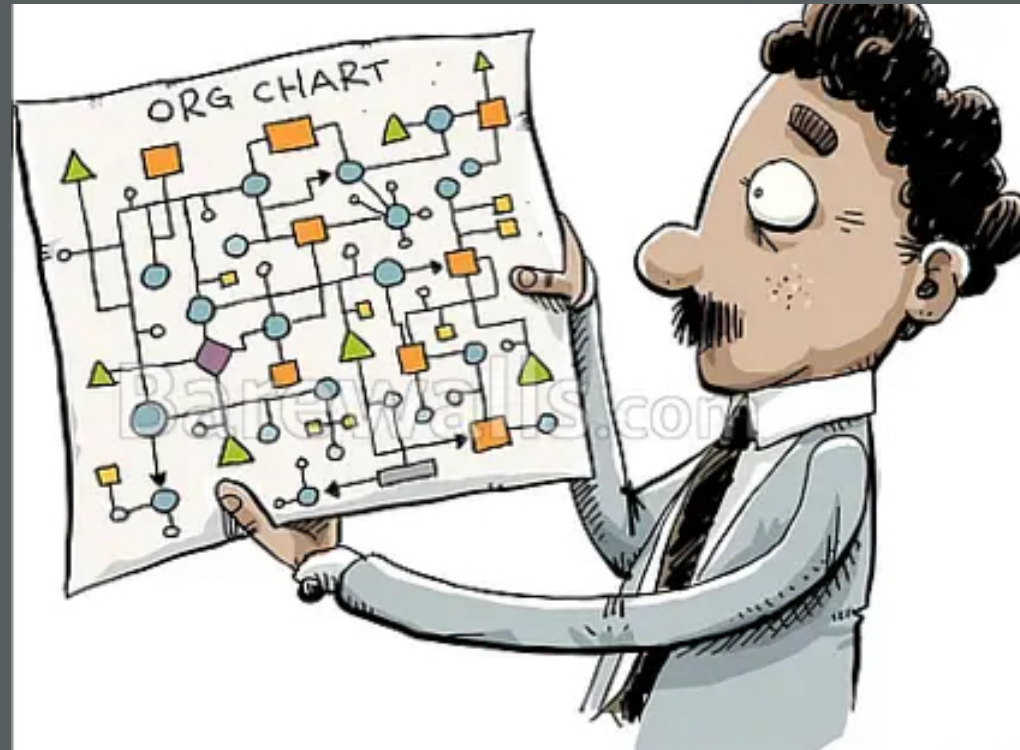
- Introduction to Research Administration and partners
- Q & A

Dana Director, PhD, VP Research Administration
Peter Barr-Gillespie, PhD, Chief Research Officer &
Executive VP

“RDA” is the hub for
management of OHSU
research projects.



Who or what is “RDA” and where does it live at OHSU?



****unofficial****



****unofficial****

Equity & Inclusion

Provost	SOM Dean	Chief Research Officer	CEO Healthcare	OHSU Foundation	HR	CFO	CAO	General Counsel
Deans: SON SOD SOPH COP Rural Health Programs	Basic Science Depts Clinical Depts OHSU Practice Plan	Research Institutes: ONPRC; VGTI; OIOHS; Vollum; CECGT; OCRM AIRC; OCTRI	Health System and Hospitals: OHSU Hospital Doernbecher Kohler Pavilion	All philanthropy associated with OHSU and Doernbecher 501(c)(3) arm of OHSU Donations Gifts Private Foundations President's List	Talent Acquisition & Management Total Rewards Employee & Labor Relations Healthcare HR HRBPs Employee Wellness HRIS Advice & Council Center Diversity, Equity, Inclusion, & Belonging	Information Technology Group Central Financial Services: Accounts Payable Accounts Receivable Payroll Purchasing Risk Management Campus Services Facilities Parking & Transportation Environmental Health & Safety Public Safety Campus Planning Design & Construction Real Estate Logistics	President's Chief of Staff Government Relations (Federal, State, Local) Community Relations Public Affairs Strategic Communications Brand Strategy	Legal Counsel, Strategy, and Services OHSU Policies Audit & Advisory Services Corporate & Clinical Integrity Code of Conduct Public Records Request Management
Academic Affairs Faculty Affairs Student Affairs Student Life Student Health & Wellness Educational Improvement & Evaluation Library Registrar International Affairs	Medical Education & Graduate Studies Programs (Graduate Program in Biomedical Sciences - PBMS) Knight Cancer Institute Knight Cardiovascular Institute Divisions/Programs/Centers	Research Development Research Administration (OPAM, CRSO, BSG) Research Integrity Export Controls OHSU Innovates Postdoctoral Affairs Comparative Medicine/AVs Diversity In Research University Shared Resources RAPP	Ambulatory Clinics Affiliates (Adventist, HMC, MCMC, etc.) Food & Nutrition Services, inc. Farmers Market Patient Safety & Quality Management Occupational Health Infection Prevention & Control So much more!					



OHSU Research & Innovation Overview

Chief Research Officer

Research Development

**Research Administration (OPAM,
CRSO, BSG)**

Research Integrity

Export Controls

OHSU Innovates

Postdoctoral Affairs

Comparative Medicine/AVs

Diversity In Research

University Shared Resources

RAPP

Recent changes:

- Export Controls moved from Provost's Office to Research Integrity
- New *Industry Research Agreements* team:

Consolidating contracting and agreements teams from CTO and TT to form new cohesive group



Central Research Administration on o2:

The screenshot shows the O2 intranet homepage. At the top left is the O2 logo and the text "Welcome to O2". At the top right, there is a "Welcome | Log out" link, a search bar labeled "Search the intranet", and the OHSU logo. A navigation bar contains links for "Employee Resources", "Member Resources", "Healthcare", "Research", "Academics", "Campus Services", and "Safety and Support". The "Research" dropdown menu is open, listing various research-related services. Below the navigation bar, there are three main content sections: "OHSU Now" with a team huddle image and text about OPEX, "Today's Operations Update" with a blue background image and text about interim appointments, and "Reach new heights with life coaching" with a person working image and text about Spark Work-Life. On the right side, there is a "Tools" section with icons for OneDrive, Compass, Luum, Smart Web, OCC, MyCommute, Directory, Occupational Health, Bridge, Jobs, and a parking icon.



Welcome | [Log out](#)

Search the intranet

Employee Resources ▾ Member Resources ▾ Healthcare ▾ **Research ▾** Academics ▾ Campus Services ▾ Safety and Support ▾


About OHSU ▾

OHSU Now




Huddle up with readiness huddles to improve team performance

OPEX is OHSU's performance excellence system which empowers people to identify and solve problems, improve processes and do their best work. Check this month's featured classes on huddles and more.



Today's Operations Update includes information about newly appointed interim...




Reach new heights with life coaching

Through Spark Work-Life, you can experience transformative growth

Tools

- KG
- OneDrive
- File storage
- Compass
- Training
- Luum
- Smart Web
- OCC
- MyCommute
- Directory
- Occupational Health
- Bridge
- Jobs
- P



Office of Proposal & Award Management (OPAM):

- The central OHSU office that oversees all sponsored projects
- All grants and contracts are channeled through OPAM for compliance and fiscal oversight - Institutional delegated signature authority
- Pre- and Post- award systems (InfoEd and OGA)
- Training and education



Clinical Research Services (CRSO):

- Clinical Research Billing Office
- Clinical Trials Management Systems (eCRIS and OnCore)
- [ClinicalTrials.gov](https://clinicaltrials.gov)
- Training and education



Research Integrity (ORIO):

- Institutional Review Board(s) - IRB
- Institutional Animal Care & Use Committee(s) - IACUC
- Institutional Biosafety Committee – IBC
- Conflict of Interest in Research - CoIR
- All integrity systems (eIRB, eIACUC, eIBC, eCOI)
- Training and education



University Shared Resources (USR):

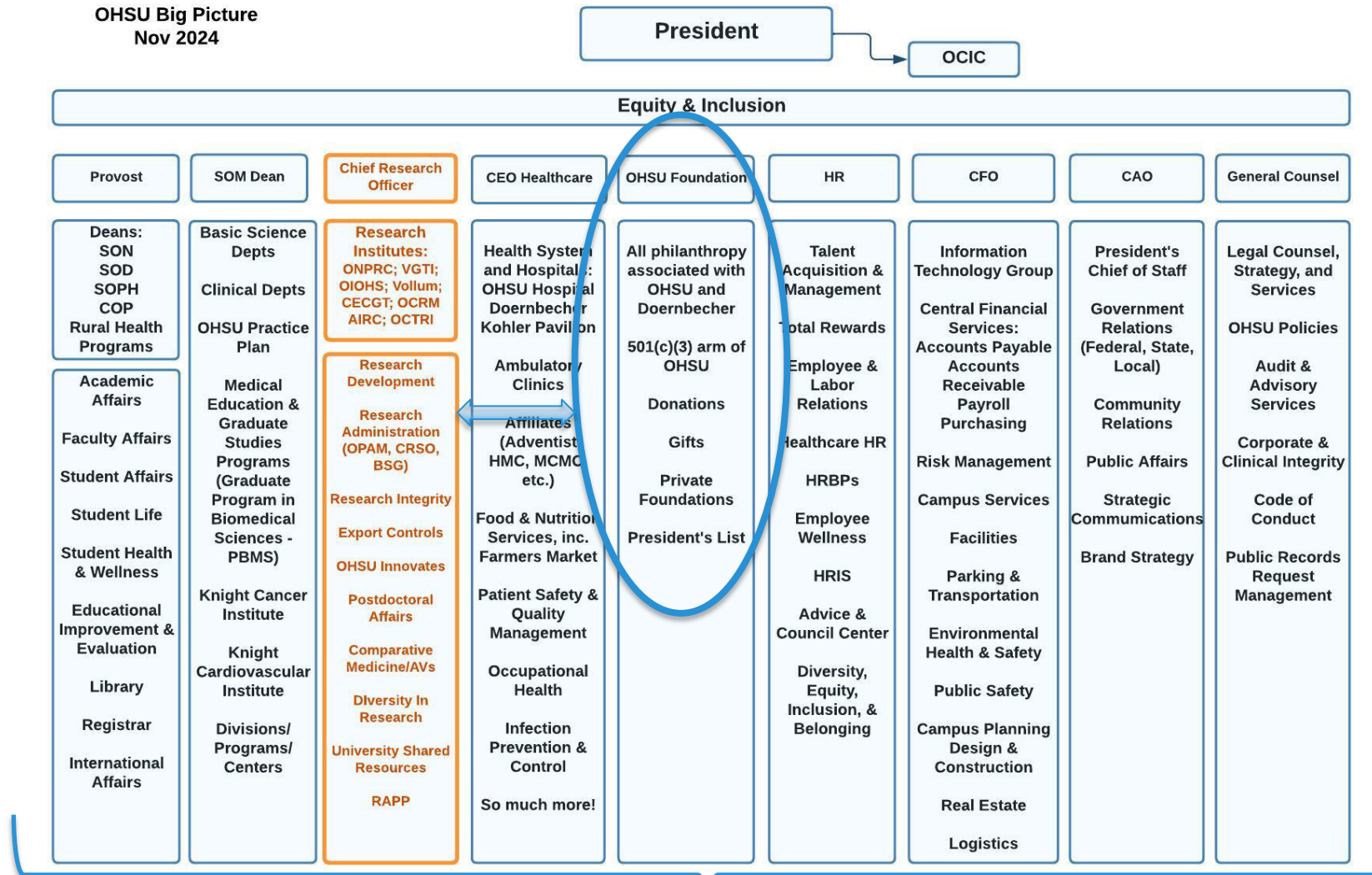
- Your campus technology partners providing state-of-the-art scientific resources
- Advanced Computing, Imaging, light microscopy
- Bioanalytics, biostatistics, bioinformatics
- Flow cytometry
- Proteomics
- More



OHSU Innovates

- Technology Transfer services
 - Licensing
 - Patenting
 - Intellectual property
- Collaborations & Entrepreneurship
 - Developing partnerships
 - Helping PIs develop start-ups
 - Entrepreneurial education programs

We're all in this together... OHSU Foundation

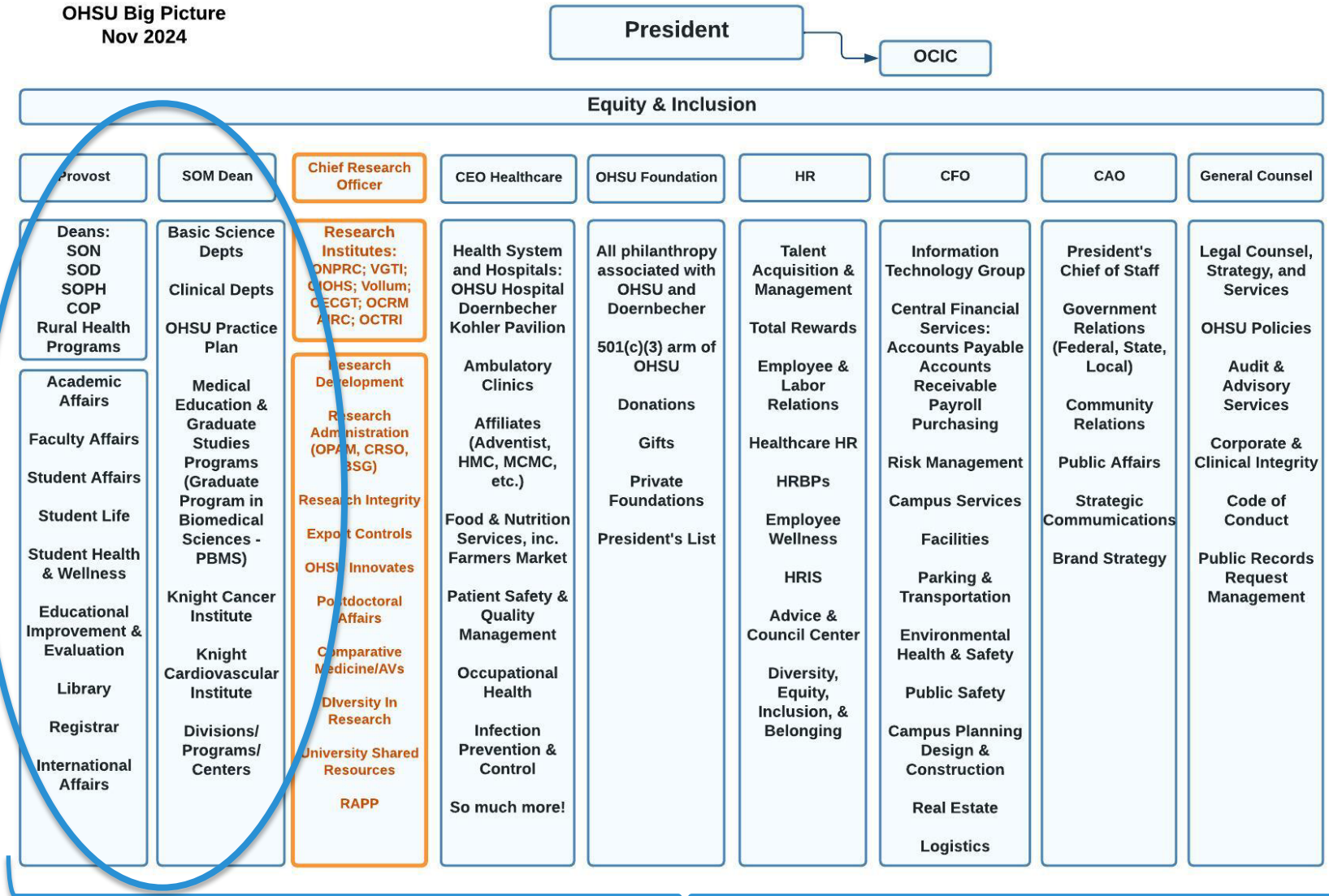


Helping you do your research



We're all in this together... partners across OHSU

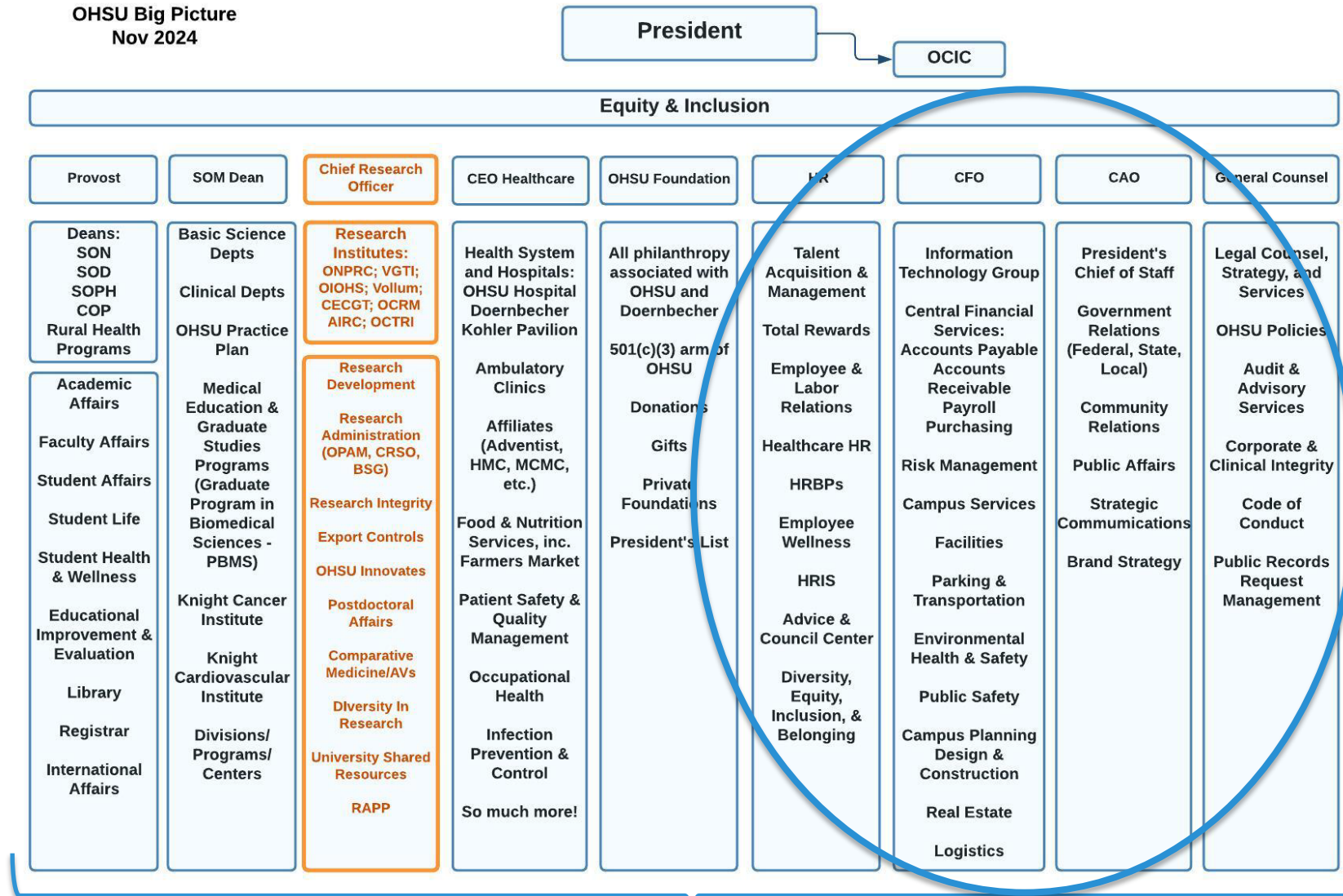
OHSU Big Picture
Nov 2024



Helping you do your research



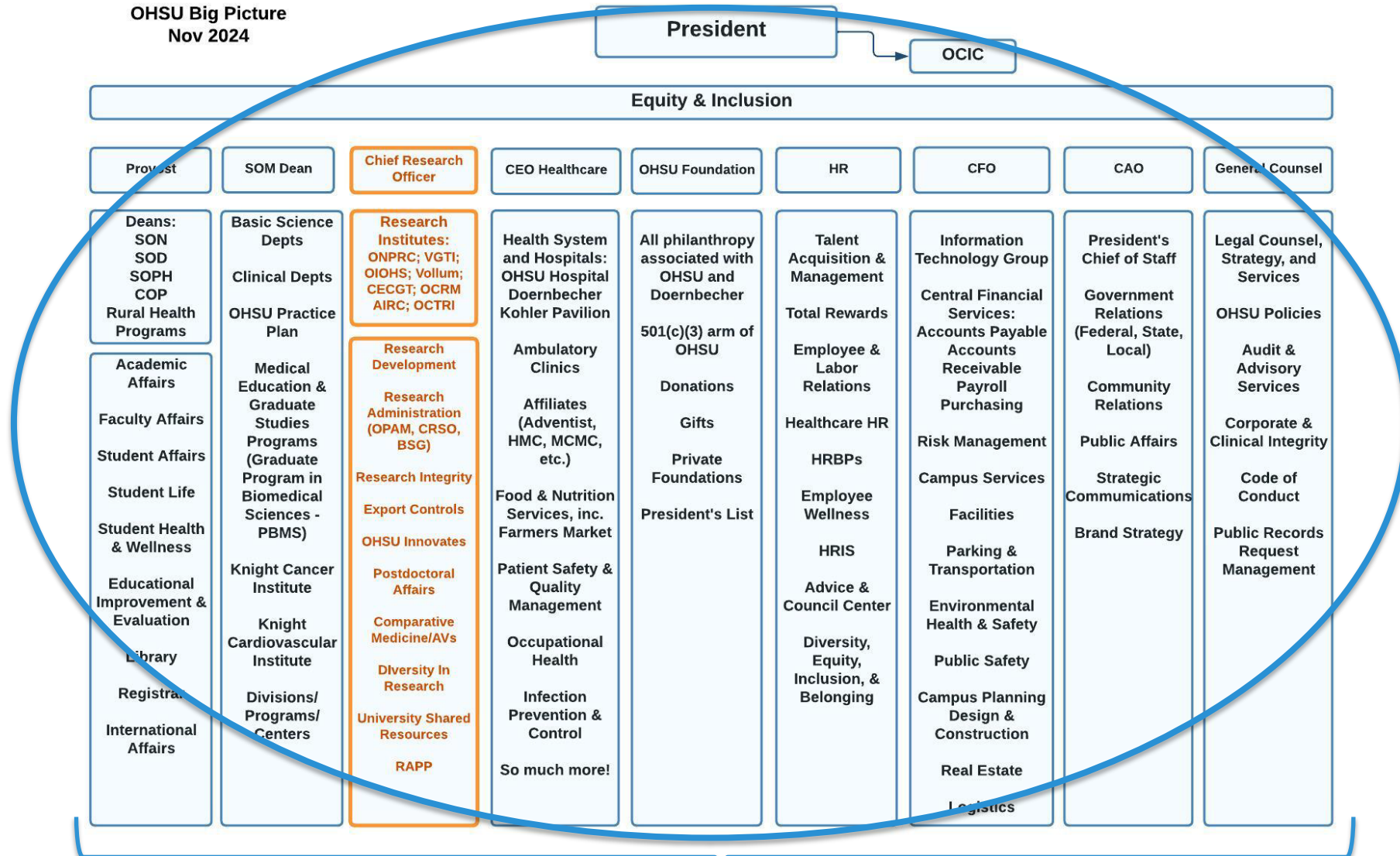
We're all in this together...central services



Helping you do your research



We're all in this together...



Helping you do your research





Staying connected

- Research Town Halls
- Weekly admin huddles
- Monthly large format RAIN meetings
- Clinical Research Coffee Chats
- Advisory groups (staff and faculty)
- Research Administration Training & Education (RATE) program
- Take it on the road...
 - Faculty or department meetings
 - Participate in dept. research workshops



Questions & Discussion

Oregon Clinical & Translational Research Institute

=

OCTRI

=

“Oak Tree”



National Center
for Advancing
Translational Sciences

60+ hubs!

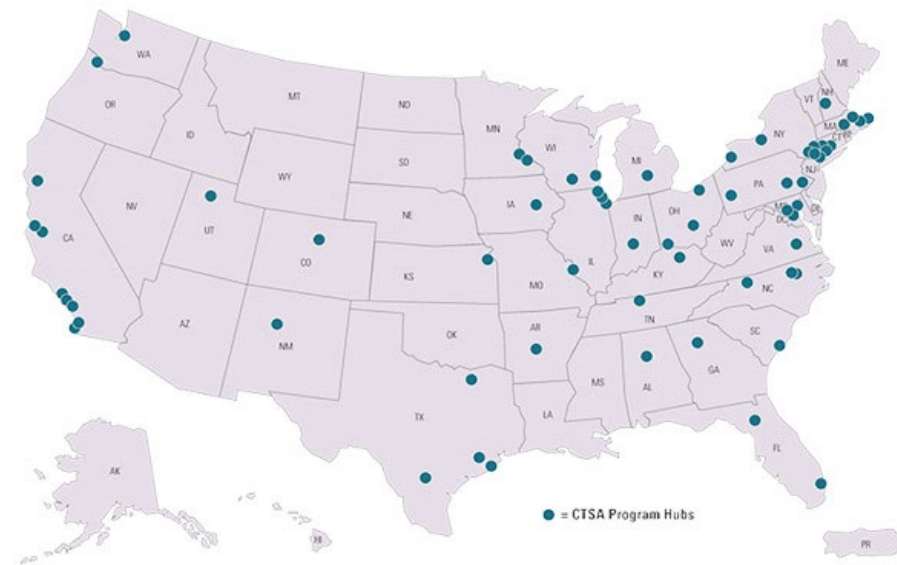
OCTRI = CTSA Clinical & Translational Science Awards[®]

What are CTSA's?

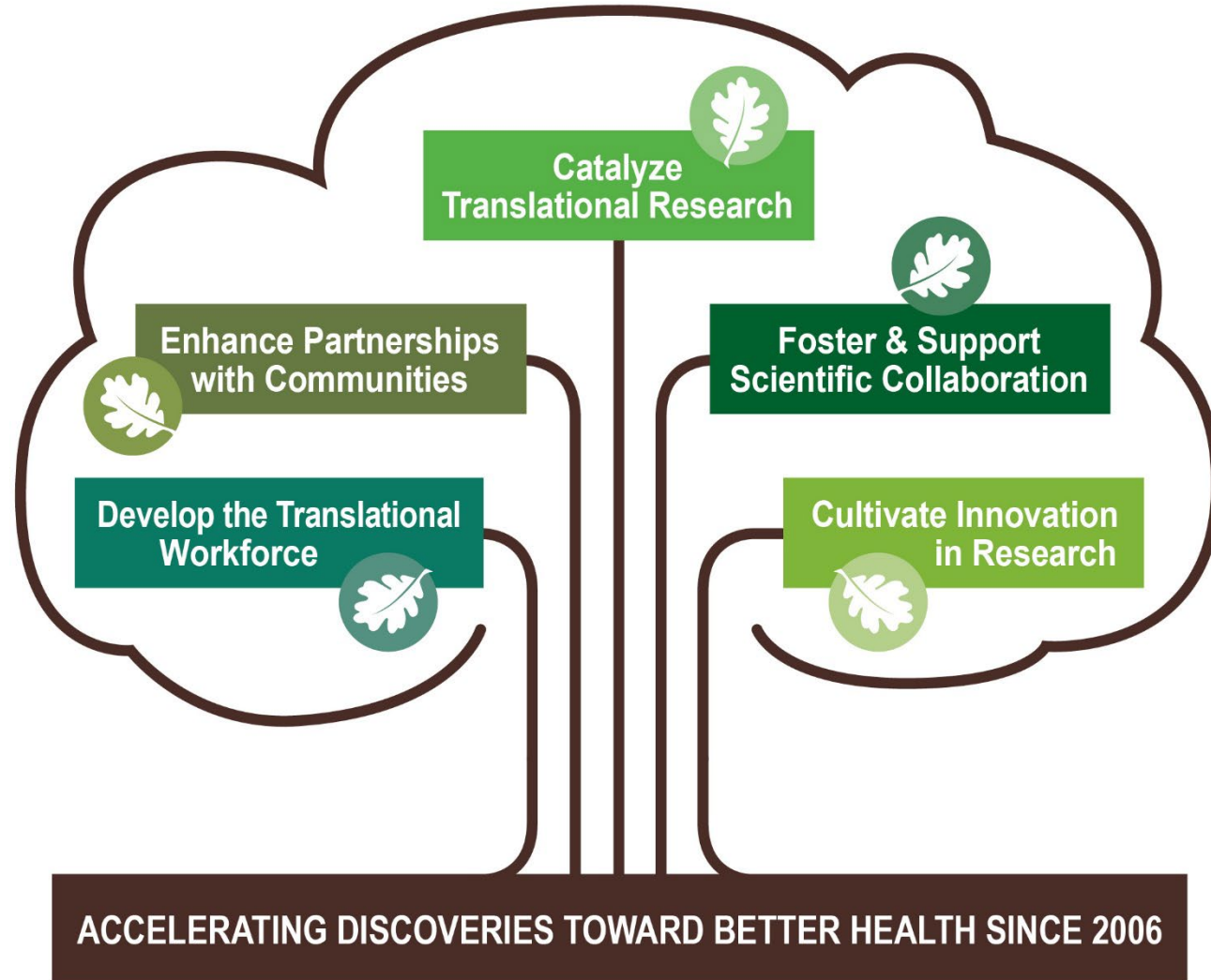
National network of medical research institutions — called hubs — working together to improve the translational research process to *get more treatments to more patients more quickly.*

Where are the hubs?

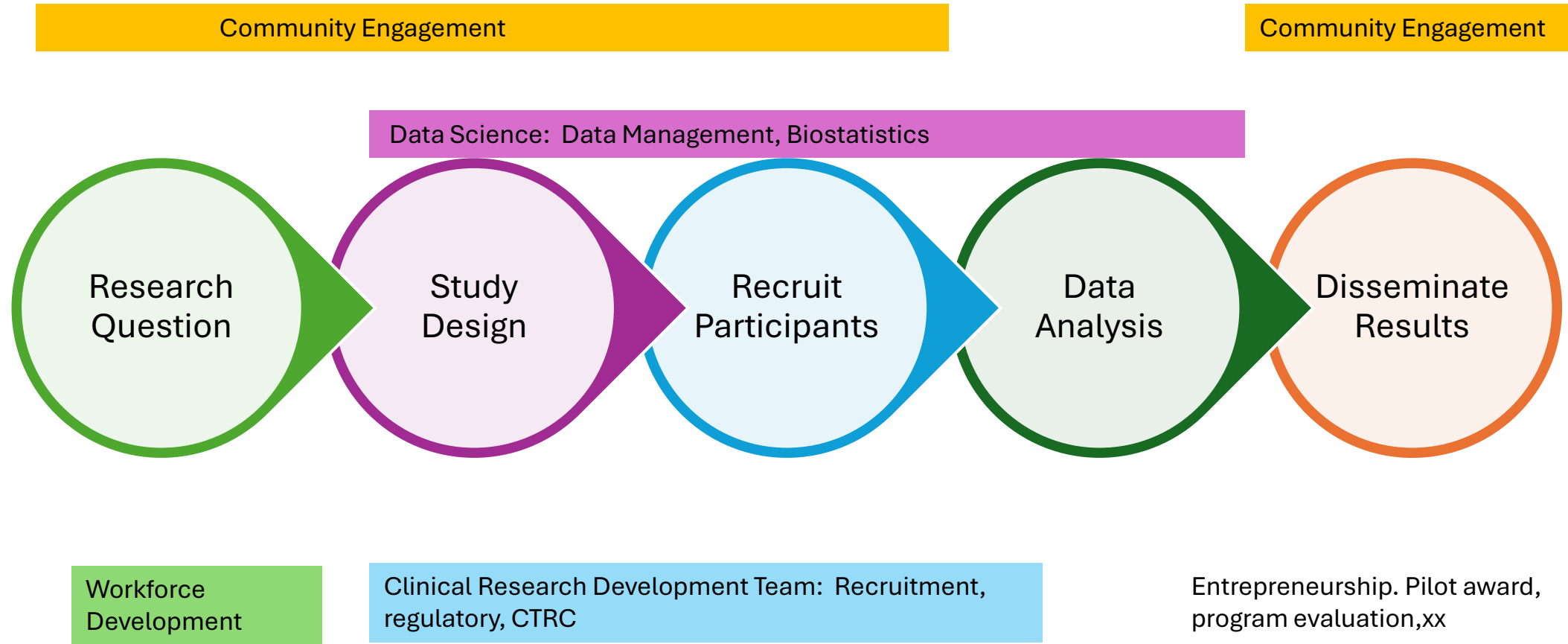
CTSA Hubs



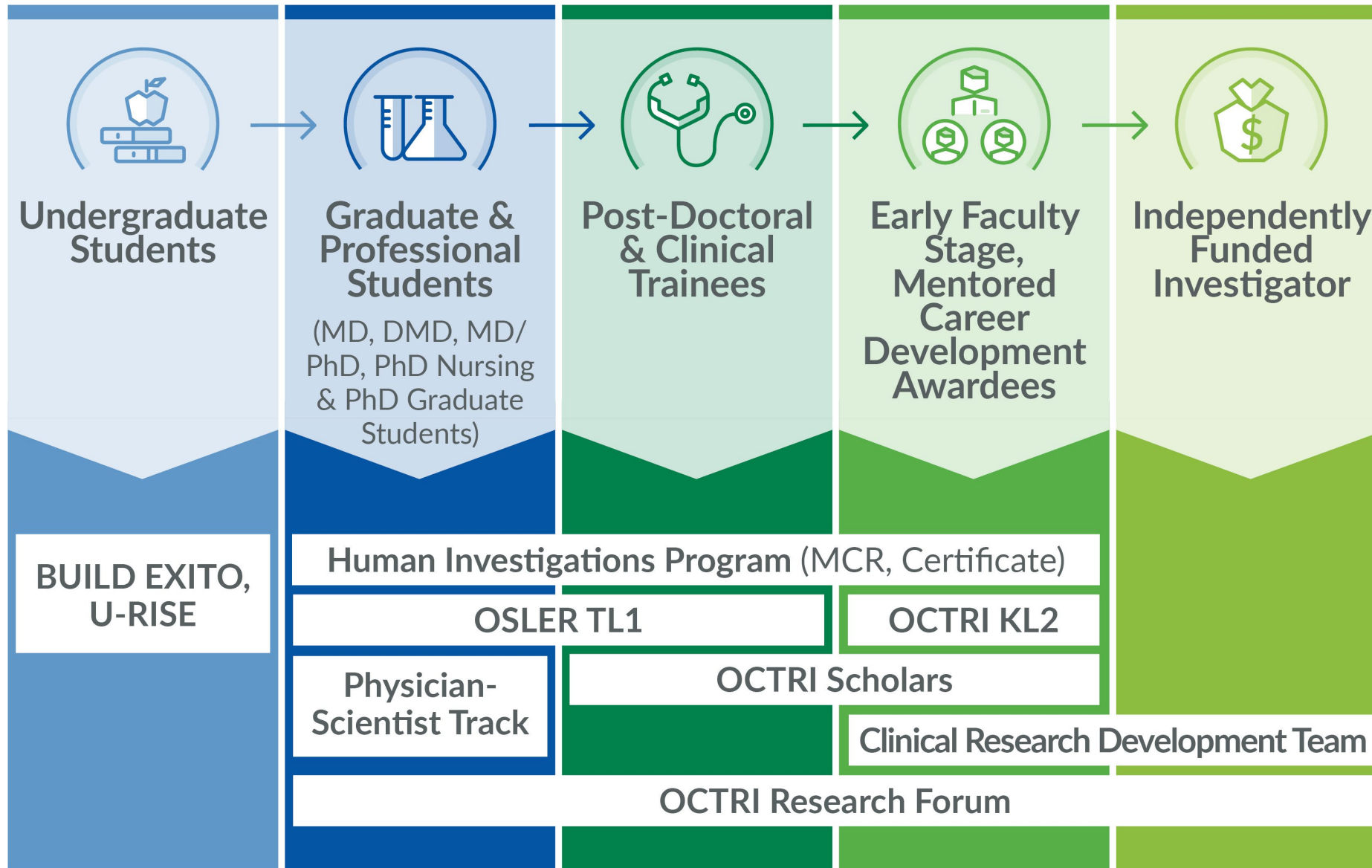
What is OCTRI?



How OCTRI builds research



Translational Workforce Development



An illustration on the left side of the slide shows two hands interacting with puzzle pieces. One hand is at the top, placing a yellow piece into a gap between a green piece on the left and another yellow piece on the right. A second hand is at the bottom left, holding the green piece. The puzzle pieces are stylized with white outlines.

Training Researchers: Human Investigations Program

- The core of career development since 2001
- >1400 individual students have enrolled, ~55 per year
- 25% faculty, 45% fellows or senior residents, 26% graduate or medical students, 4% community
- Online synchronous hybrid curriculum, some in-person sessions
- Initial introduction to translational science
- Offer Master of Clinical Research, Certificate, and individual courses

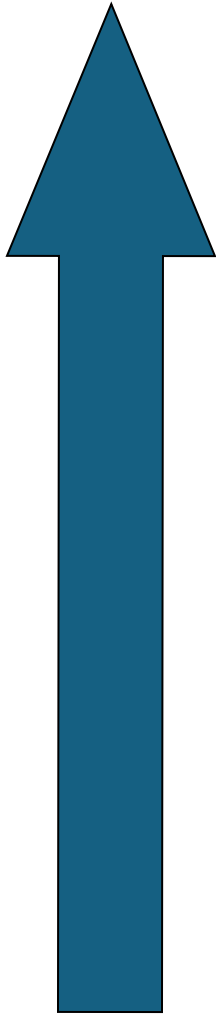


Training Researchers: Human Investigations Program

Key Course Initiatives

- Grant writing
- Data science
- Clinical research design
- Academic leadership
- Communication for team science
- Advanced biostatistics
- Dissemination & Implementation Science
- Scientific writing and data presentation
- Clinical trials
- Community engagement

Clinical Research Education at OHSU



Master of Clinical Research

- Certificate program, typically 2-3 years
- Education to master competencies of clinical research plus additional training in specific interests
- Mentored capstone

Certificate in Human Investigations

- Required didactic coursework (2 years)
- Focused education to acquire competencies of clinical research
- Mentored capstone

Non-degree

- Attend course(s) a la carte to acquire specific skill or knowledge



Building Research: From Knowledge to Practice

- Support to develop grants
- Practical skill building workshops, seminars
- Clinical Research Development Team (CRDT) can help develop a feasible, fundable proposal
- Outcomes: Of all CDA awards since 2007, 78% have moved to an NIH RPG or equivalent, 65% have NIH R01 or equivalent

There are things that we know we don't know... There are things we don't know we don't know. Donald Rumsfeld

Clinical Research Development Team

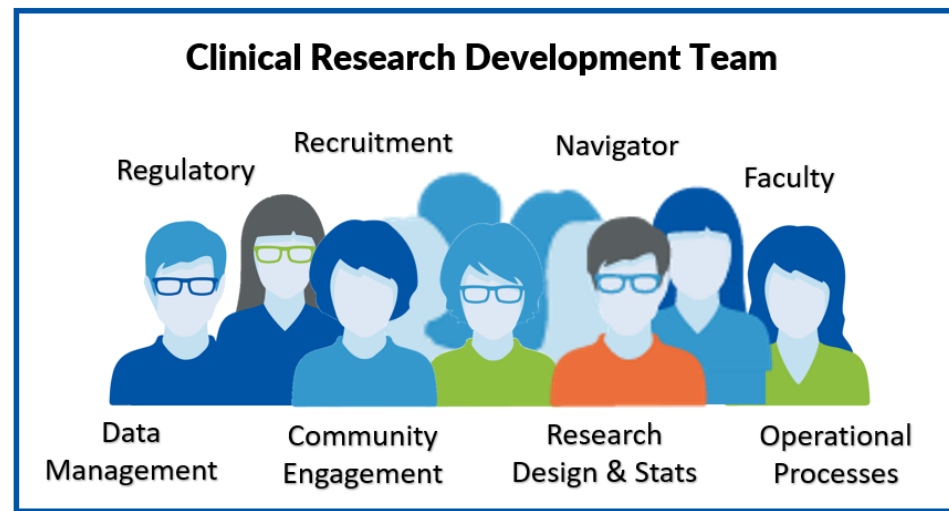
1. Investigator with grant idea or protocol to implement

2. Meet with CRDT for coordinated advice and guidance

3. Written output to guide investigator to next steps



Identified by self, through standard intake or referral



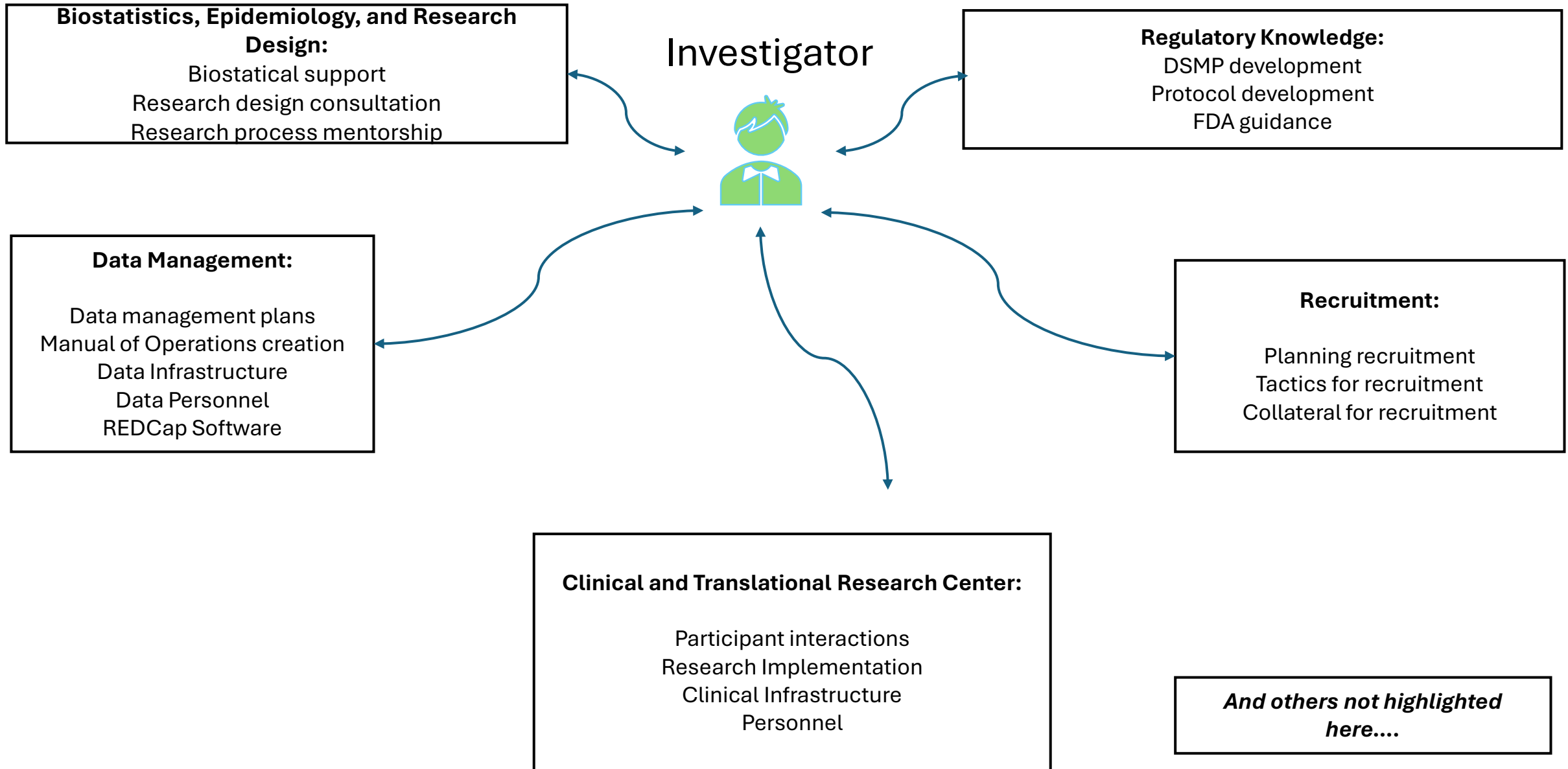
Optimized Research

- Inclusive
- Reach
- Efficient

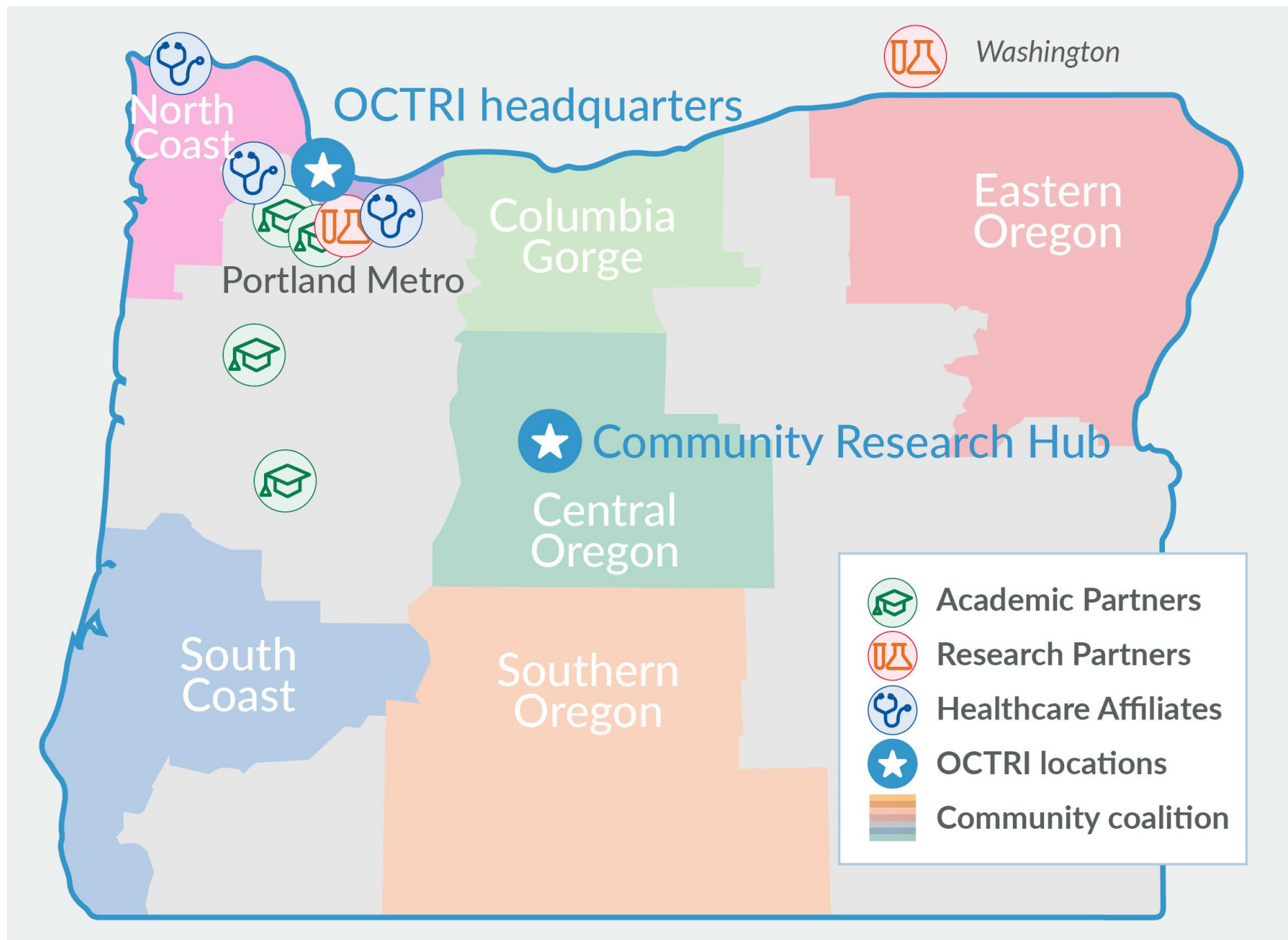


Note: CRDT is the biggest version of this type of quality input we provide, but there are other variations

Optimization through OCTRI



Statewide reach of OCTRI programs, partners, and community coalitions

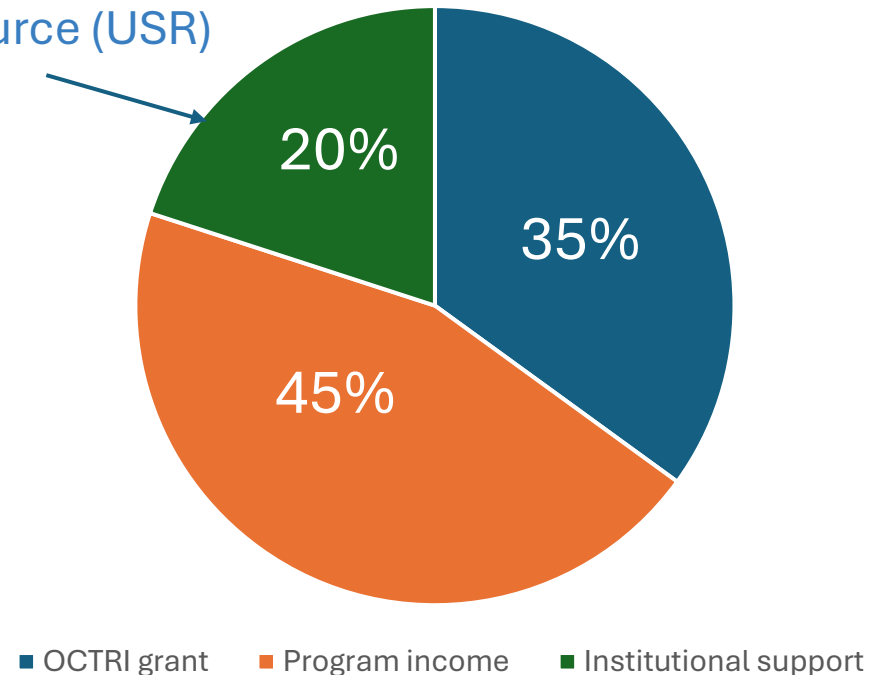


OCTRI Clinical and Translational Research Center (CTRC)

- Physical facilities: inpatient unit, infusion area, outpatient clinic, laboratory, metabolic kitchen, body composition and energy expenditure facilities
- Over 40 experienced research staff
- Supports patient-oriented research protocols from all disciplines
 - Intensive phenotyping
 - Experimental therapeutics
 - PK sampling
 - Sleep and circadian rhythm studies
 - Bionutrition and metabolic studies

\$2.6M annual operating budget:

University Shared Resource (USR)



OHSU Innovates

Intellectual Property
Protection and Transactions



Collaboration
Management



Technology Funding



New Ventures



Entrepreneurial Education



Research Data Service Overview

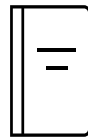
- One stop solution
Research governance,
Clinical Data
knowledge and data management and delivery
- Develop Data Sets and Data Marts to meet custom research needs
- OHA Death Data
- Affiliate Data



4 Analysts



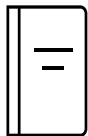
8 Engineers



100 new studies annually



40 Research Repositories



5 National Studies



OMOP CDM



I2B2 Self Service



PCORNET CDM



*TriNetX for self-service data delivery

How to get started



Contact an OCTRI Navigator to
connect with research resources
503-418-9790
octri@ohsu.edu

OHSU IRB

IRB members review human subjects research proposals to ensure that research conducted at OHSU is safe and ethical for participants:

- Staff of about 20 – Chair, Vice Chairs, Managers, Specialist and Analysts
- Four Committees
- Ethical, legal, scientific, regulatory, institutional requirements are addressed

Board discussions are focused on making sure the procedures and study design meet ethical and regulatory criteria, which generally includes:

- Sound and reasonable research design
- Minimized and reasonable risks to subjects
- Equitable selection of subjects
- Appropriately obtaining or waiving informed consent (and documentation)
- Confirming there is a plan for monitoring data and safety
- Verifying that participant's privacy and confidentiality are protected
- Additional safeguards are in place for vulnerable populations or participants
- OHSU institutional policies are followed
- Novel ethical questions are addressed and resolved

For more information, please contact irb@ohsu.edu.



Animal Research at OHSU

Sonnet Jonker, IACUC Chair

November 11, 2024



Regulatory oversight

USDA

- ▶ Animal Welfare Act (1966)
- ▶ Title 9 of the Code of Federal Regulations (Final Rule, 1989)
 - ▶ Unannounced inspections by the USDA/APHIS/AC at least annually

NIH Office of Laboratory Animal Welfare

- ▶ Health Research Extension Act of 1985
- ▶ US Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training (1985)
- ▶ Public Health Service (PHS) Policy (1986)
 - ▶ Incidents reported

Standards for animal use

- The Guide for the Care and Use of Laboratory Animals (1956), (8th Edition, 2011)
- Guide for the Care and Use of Agricultural Animals in Research and Teaching (1988), (4th Edition, 2020)
- American Veterinary Medical Association Guidelines for the Euthanasia of Animals (1963), (9th Edition, 2020)
- Accreditation through AAALAC, International – a third party, nonprofit organization conducting peer reviews of animal care programs



Institutional Animal Care and Use Committee (IACUC)

- Reviews animal study proposals
- Inspects facilities where animal are housed and used
- Investigates concerns of animal welfare and animal treatment
- Evaluates the OHSU program for animal care and use
- Reports to the Institutional Official
- Reports to the USDA (AWA) and PHS (OLAW)

IACUC versus DCM

- Office of Research Integrity

- IACUC Office

- Runs the day-to-day logistics of animal use oversight.

- IACUC Committee

- Meets monthly and has regulatory authority.

- Department of Comparative Medicine

- Veterinarians, veterinary technicians and staff that take care of your animals every day.

IACUC Office



Kaetlin Merriman
IACUC Director



Sabiha Al-Dhalimy
Integrity analyst
"iacuc@ohsu.edu"



Joan Phillips
Research integrity Specialist
OPAM and inspection
outreach

Research Integrity Specialists (protocol pre-review)

Emily Philipp-Petrick



Dreeanna Morris



Alyssa Douglas



Elizabeth Sweeney

Also: Kimberly Ray and Phillippe Gonzalez

IACUC Committee

Members

- ▶ Jared Fischer, Vice Chair, Knight Cancer
- ▶ Sonnet Jonker, Chair, Cardiology
- ▶ Jennifer Kopanke, Comparative Medicine
- ▶ Alina Maloyan, Cardiology
- ▶ Kaetlin Merriman, Vice Chair, Office of Research Integrity
- ▶ Suzanne Mitchell, Behavioral Neuroscience
- ▶ Tim Nice, Molecular Microbiology and Immunology
- ▶ Kimberly Ray, Office of Research Integrity
- ▶ Kim Saunders, Comparative Medicine
- ▶ Karen Schnoll, Community Member
- ▶ Joseph Sciorba, Comparative Medicine
- ▶ Haining Zhong, Vollum

Alternates

- ▶ Debra Brickey, Environmental Health and Safety
- ▶ Ryan Cornelius, Nephrology & Hypertension
- ▶ Todd Graham, Dotter/Interventional Radiology
- ▶ Joan Phillips, Office of Research Integrity
- ▶ Dustin Webster-Wharton, Community Member
- ▶ Shelley Winn, Molecular and Medical Genetics

Your protocol

The screenshot shows the OHSU O2 website interface. At the top left is the O2 logo, a blue and green sphere with the text 'O2' inside. To its right is the text 'Welcome to O2'. In the top right corner, there is a 'Welcome | Log out' link and a search bar with the placeholder text 'Search the internet'. Below the header is a navigation bar with several menu items: 'Employee Resources', 'Member Resources', 'Healthcare', 'Research', 'Academics', 'Campus Services', and 'Safety'. The 'Research' menu is currently open, displaying a list of options: 'About OHSU Research', 'Centers and Institutes', 'Clinical Research Services Office', 'Comparative Medicine', 'Contact Research Administration', 'Events and Town Halls', 'Foundation Relations', 'Proposal and Award Management (OPAM)', 'Research Administration Training and Education (RATE)', 'Research Integrity', and 'Research Supplies'. The 'Research Integrity' option is highlighted with a light blue background. Below the navigation bar, the main content area features the heading 'OHSU Now' and a large graphic with an American flag motif. The graphic contains the text 'Thank You VETERANS' in a mix of script and bold sans-serif fonts, followed by 'HONORING ALL WHO SERVED' and three red stars.

Welcome to O2

Welcome | Log out

Search the internet

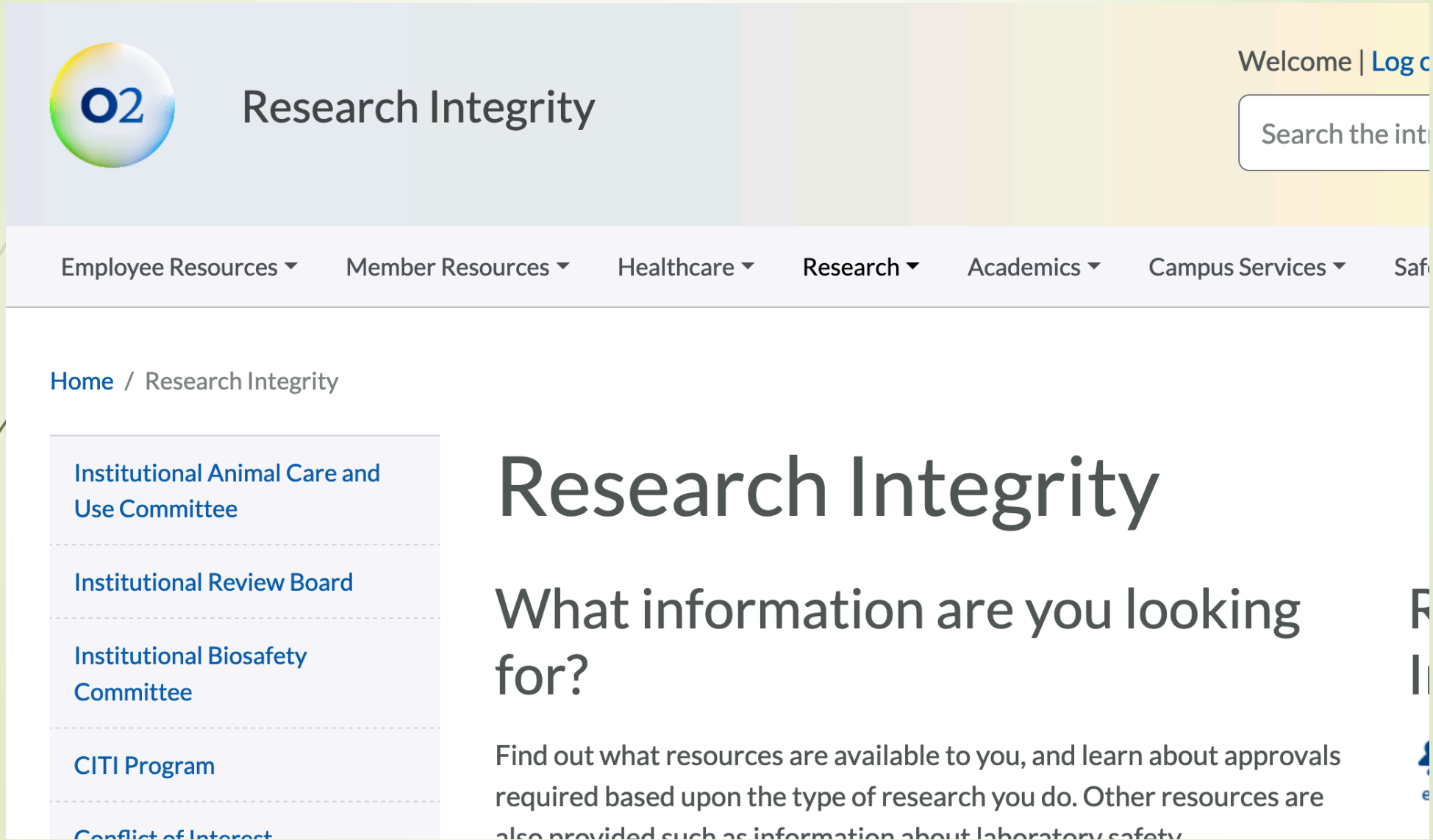
Employee Resources ▾ Member Resources ▾ Healthcare ▾ Research ▾ Academics ▾ Campus Services ▾ Safety ▾

OHSU Now

Thank You
VETERANS
HONORING ALL WHO SERVED
★★★

About OHSU Research
Centers and Institutes
Clinical Research Services Office
Comparative Medicine
Contact Research Administration
Events and Town Halls
Foundation Relations
Proposal and Award Management (OPAM)
Research Administration Training and Education (RATE)
Research Integrity
Research Supplies

Your protocol



The screenshot shows the Research Integrity website. At the top left is the O2 logo, a blue and green sphere with 'O2' in white. To its right is the text 'Research Integrity'. In the top right corner, there is a 'Welcome | Log out' link and a search box with the placeholder text 'Search the int...'. Below the header is a navigation bar with dropdown menus for 'Employee Resources', 'Member Resources', 'Healthcare', 'Research', 'Academics', 'Campus Services', and 'Safety'. The main content area has a breadcrumb trail 'Home / Research Integrity'. On the left side, there is a vertical list of links: 'Institutional Animal Care and Use Committee', 'Institutional Review Board', 'Institutional Biosafety Committee', 'CITI Program', and 'Conflict of Interest'. The main heading is 'Research Integrity' in a large, dark font. Below it is the sub-heading 'What information are you looking for?' followed by a paragraph: 'Find out what resources are available to you, and learn about approvals required based upon the type of research you do. Other resources are also provided such as information about laboratory safety'.

Research Integrity

What information are you looking for?

Find out what resources are available to you, and learn about approvals required based upon the type of research you do. Other resources are also provided such as information about laboratory safety

Your protocol

[Home](#) / [Research Integrity](#) / Institutional Animal Care and Use Committee

Institutional Animal Care and Use Committee >

[Getting Started: Institutional Animal Care and Use Committee Protocols](#)

[eIACUC Guidance Documents](#)

[Institutional Animal Care and Use Committee Review Process Frequently Asked Questions](#)

[Institutional Animal Care and Use Committee Policy Comment](#)

[Institutional Review Board](#)

Institutional Animal Care and Use Committee

The OHSU Institutional Animal Care and Use Committee reviews, approves and oversees biomedical research involving animal subjects. Our overarching goals include ensuring that laboratory animals at OHSU receive the highest quality care and protecting the health and safety of people who work with and around animals. We believe that excellence in research and teaching requires excellence in our animal care and use program.

If you have questions about veterinary or animal husbandry care, find your contact by location

- Marquam Hill and South Waterfront Campuses: [contact the Department of Comparative Medicine](#)

Research Integrity systems



Helpful links

- [Department of Comparative Medicine](#) - For Marquam Hill and South Waterfront



Your protocol

- **Lots** of trainings necessary
- Policies available from O2 site
- Standard procedures available from within eIACUC
- Everyone gets mad at eIACUC
- After you manage to submit your protocol you may be asked to make many large or small changes by up to 4 different sets of people
 - Pre-review
 - EHS
 - Veterinarians
 - IACUC committee



Your protocol

- Describe everything the animal will experience from start to finish
- Use complete grammatical sentences and define abbreviations
- A flow chart can be helpful
- For the sake of your science:
 - Stay up to date on refinements in the field
 - Know when a particular experimental detail is necessary, and be prepared to explain the scientific reason
- Describe all possible adverse outcomes from interventions, genotypes, etc to avoid reportable “unanticipated outcomes”