



Welcome to Michigan State University Research

Office of the Vice President for
Research & Graduate Studies

New Administrator Orientation
August 8, 2018





Research: The Foundation for Success

- Research is the basis for education and outreach
- Dynamic research programs—based on a forward-thinking research agenda—address problems of today and tomorrow
- Furthering research – advancing knowledge – gives MSU international prominence



Mission of OVPRGS



- Create the institutional vision for research
- Advocate for research and creative activities within MSU and beyond
- Increase the excellence of research and creative endeavors at MSU - both quality and quantity
- Assure the integrity of the research process in all its diverse dimensions



Why Enhance Research?

- MSU is a research-extensive university (member of AAU)
- Research and scholarly activity is closely linked to graduate and undergraduate education
- Research – especially federal funding – determines national and international reputation
- Facilities and administrative (F&A) rates reduce university's subsidy for research, leverages central funds
- Research grants enable procurement of major equipment and sustain core research facilities
- Research contributes to the state's economy



How Will We Grow Research?



Take intelligent risks

- No mistakes means too risk-averse
- Fail early, correct fast
- Incentives must allow for occasional mistakes: Silicon Valley
- Exponential returns for successful risks – we forego these returns if we are too risk-averse



How Will We Grow Research?



Leadership: rational and smart

- “No brainer” decisions must be predictable
- Transparency in decision making (metrics, criteria) reduces second-guessing (wasted effort within organization)
- Staff and team should be able to (largely) predict decisions in advance, in order to plan



How Will We Grow Research?

- **Pursue larger share of federal research funds**
 - Faculty in areas where external support is available must compete successfully for it
 - Faculty must submit large multi-investigator proposals (linked to cluster hires)
 - **Enhance corporate research activity**
 - MSU Business-CONNECT
 - MSU Technologies
 - MSU Spartan Innovations
- MSU
Innovation
Center



Institutionally Limited Proposals



- **Limited submission opportunities**, including faculty scholar and fellowship programs, available at <http://vprgs.msu.edu/funding-opportunities/institutionally-limited>
- OVPRGS conducts an **internal selection process** to determine which proposals will be submitted.
 - Where possible, internal deadlines are 8 weeks prior to submission.

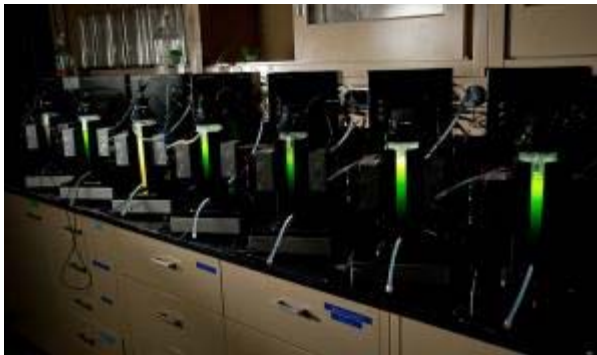


Internal Funding Sources

- Competitive, university-wide, peer-reviewed internal grants programs support scholarly activities and provide seed funding for future proposals.
- **Humanities and Arts Research Program (HARP)**
 - Scholarship Development proposal (deadline in October)
 - Scholarship Production proposals (semiannually)
- **Strategic Partnership Grant** proposals solicited in the fall
- **New initiative:** Research in Autism, Intellectual and Neurodevelopmental Disabilities (RAINND)



Arranging for Matching Funds and Space



- When funding agencies require matching funds
 - Research associate dean
 - Negotiate a split among department, college, OVPRGS, provost
- Space concerns
 - Dean/research associate dean/
department chair/director



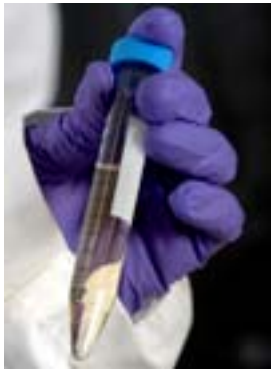
Sponsored Programs Administration

- The Office of Sponsored Programs (OSP): unit within the Office of the Vice President for Research and Graduate Studies (organizational affiliation to chief financial officer and controller) that provides **pre-award processing**
- Contract and Grant Administration (CGA): **post-award administration**, assisting with the financial and contractual administration of grants, cooperative agreements, and contracts

<https://osp.msu.edu/Default.aspx>



Proposal Development Assistance



Office of Research Facilitation and Dissemination (ORFD)

- Offers **writing support** on large, multi-author proposals. Call 432-4499 or vprgs.msu.edu
- Presents **seminars and workshops**, including monthly coffee break discussions. Check the calendar <http://vprgs.msu.edu/events> for details.

OVPRGS has additional offerings including:

- Special consulting and grant editing
- Peer review assistance

Note: Your college or department may also offer proposal assistance.



Review and Promotion



- **Clearly stated expectations** for faculty performance
- Thorough **annual evaluation** of performance
- **Role of OVPRGS** in the P&T process
- **Strong mentoring** programs
 - Internal to the department
 - External to the department
 - Research integrity—RIO and RCR
 - Faculty conflict of interest



More Information...

vprgs.msu.edu



Regulatory Affairs - Who are we?

- **Human Research Protection Program**
- **Animal Care Program**
- **Environmental Health and Safety**
- **Institutional Stem Cell Research Committee**
- **Conflict of Interest**
- **Responsible Conduct of Research (shared)**



The Committees

Institutional Animal Care & Use Committee - Sue Barman, Chair

Sally Light, IACUC Administrator

Phone: 517-432-3154

E-mail: barman@msu.edu

Biological Safety Office – John Gerlach, Chair

Jamie Willard, Biological Safety Officer

Phone: 517-353-1877

E-mail: cherryme@msu.edu

Radiation Safety Office – Chris Waters, Chair

Bryan Harris, Radiation Safety Officer

Phone: 517-884-3309

E-mail: harris@ehs.msu.edu

Chemical Safety Office – Christine DiFonzo, Chair

Genevieve Cottrell, Chemical Safety Officer

Phone: 517-432-8715

E-mail: cottre36@ehs.msu.edu

Campus Animal Resources

Claire Hankenson, University Attending Veterinarian

Phone: 517-353-5064

E-mail: fciaire@msu.edu

Faculty Conflict of Interest Office

Brian Mattes, Director

Phone: 517-884-7000

Email: mattesbr@msu.edu

Human Research Protection Program (HRPP)

Kristen Burt, Director

Ashir Kumar, Chair BIRB - Harry McGee, Chair SIRB

Phone: 517-884-6020

E-mail: irb@msu.edu

Stem Cell Oversight – Katheryn Meek, Chair

Kristen Burt, Director

Phone: 517-884-6020

E-mail: burtkris@msu.edu



What do we do?

- Facilitate research
- Protect the research subject and the investigator
- Maintain compliance with state and federal laws, regulations and policies
- Training
- Accreditation



How can we help investigators?

- Assist faculty in working through protocol approval process
- Help stay in compliance through post-approval monitoring
- Provide online and hands-on training
- Work with your faculty to ensure a safe work environment



New Compliance Management Suite

- CLICK web-based system for:
 - Institutional Review Board (IRB) – Active
 - Institutional Animal Care and Use Committee (IACUC) – Active
 - Environmental Health and Safety (EHS) – Now
- Some anticipated benefits:
 - Streamline the creation, submission, and review of applications and protocols for researchers and reviewers
 - Improved security and transparency for compliance processes
 - Allow researchers to better track approved documents
- More information about the new system will be available on the Research Administration Project website (ra-project.vprgs.msu.edu) and the ORA website (ora.msu.edu/)



Research Ride Shuttle

The Research Ride Shuttle is a complementary service for faculty, staff, and students engaged in research activities at MSU.

The shuttle has a predefined schedule to specific buildings and requires a reservation and Spartan ID to ride.

Request access to the shuttle reservation system by emailing shuttle@ora.msu.edu. Once you have access, please reserve a ride at least 30 minutes prior to pickup.

Learn more about the shuttle at ora.msu.edu



Questions

www.ora.msu.edu

**It is always best to directly contact the regulatory
office with questions!**



Export Control

- A group of laws and regulations that restrict ability to freely send or share certain goods, technology or information outside the U.S. or with non-U.S. nationals inside the U.S. – “deemed exports”
- These laws are intended to promote U.S. national security and other policy goals and they have broad extra-territorial reach
- ITAR controlled technology is restricted to U.S. citizens and permanent residents. EAR technology varies by specific citizenship.
- Violations carry significant penalties, fines, and both University and individual liability



Export Control – Fundamental Research

1. “Fundamental research” on a U.S. university campus is excluded from export controls under ITAR (military) and EAR (dual use) provisions. Publication is key.

2. The “Fundamental Research Exclusion” is lost for:
 - a. Encryption;
 - b. If **publication or citizenship restrictions** apply;
 - c. If in-bound controlled data or equipment;
 - d. For contracted prototypes or defense services.



Export Control – The Entity List

05.03.2013

University Charged with Export Violations

BY: THOMAS B. MCVEY & JAHNA M. HARTWIG

<http://www.williamsmullen.com/news/university-charged-export-violations>

The **University of Massachusetts at Lowell** was charged by the Bureau of Industry and Security (“BIS”) for violating export control laws in connection with the export of an atmospheric testing device and related equipment. Specifically, the University was charged with...**exporting items classified as EAR99 to a party on the BIS Entity List**. This case reinforces the important point that even universities engaged in fundamental research are required to comply with export control laws. It also reinforces the importance of prohibited party list screening as a mandatory part of export compliance...



Trade Sanctions

E.g., U.S. Treasury’s “Specially Designated Nationals” list and Trade Sanctions imply:

- **MSU USAID researchers – participants must be careful in Afghanistan project.**
- **MSU Dubai – avoid Bank Melli (Iran gov’t link).**
- **MSU Alumni Association – participants must be careful during upcoming Cuba tourism.**



Issue Escalation



- ▶ When in doubt, **ask** -- OVPRGS staff can help. (517) 432-4499
- ▶ Failure to escalate some issues can be a “career crash landing.”
 - ▶ Health and safety concerns
 - ▶ Criminality, discrimination, harassment
 - ▶ Research or fiscal misconduct
 - ▶ Regulatory compliance
- ▶ New administrators frequently overlook the Office of the General Counsel as a resource.



Contact Export Control and Trade Sanctions at:

- Phone: (517) 432-4499
- Email: export@msu.edu
- Website: <http://exportcontrols.msu.edu>
- Address: 249 Administration Building



What Every New Administrator Should Know About Research Misconduct

James M. Pivarnik, PhD
Research Integrity Officer (RIO)
Michigan State University

www.rio.msu.edu

RIO@msu.edu

107 Olds Hall

432-6698



What the RIO does

- The RIO is responsible for seeing to it that the MSU Procedures Concerning Allegations of Misconduct in Research and Creative Activities are carried out in an unbiased, confidential, and professional manner.
- Required for any institution seeking and accepting federal funding (42 CFR 93)



Funding Collaboration Compliance Commercialization Policies Resources Events & Training Units

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Authorship

Sample Agreement

Federal Agencies

Research Misconduct Procdures (PDF)

Research Data

Resources

Contact Us

Research Integrity Officer

The Research Integrity Officer (RIO) receives and manages Allegations of Misconduct in Research within the MSU community. Research Misconduct includes Plagiarism, Fabrication, Falsification, and other research activities that seriously deviate from accepted practices in the research community.

The Michigan State University policy can be found in the [Procedures Concerning Allegations of Misconduct in Research and Creative Activities](#).

The RIO also manages authorship and data disputes according to MSU's Authorship and Research Data: Management, Control, and Access guidelines. In this role, the RIO provides advice to administrators, faculty and students in best authorship and data management practices.

Please feel free to contact us if you have questions/concerns about any research integrity matter. Our discussions can remain confidential.



*James M. Pivarnik, Ph.D.
Research Integrity Officer
107 Olds Hall
408 W. Circle Drive
East Lansing, Michigan 48824
Phone: (517) 432-6698
Email: rio@msu.edu*

Announcements

MSU bloggers post on 'Spartan Ideas'

Spartan Ideas is an MSU website maintained by MSU Libraries and the Office of the Vice President for Research and Graduate Studies. It is designed to showcase a continuously growing selection of MSU's faculty, student, and staff blogs. A team of MSU librarians "curates" this collection, choosing...[more](#)

1 2



The role of the RIO

- The RIO shall coordinate implementation of these Procedures and shall be responsible for their fair and impartial administration. **The RIO shall not be an advocate for the Complainant or the Respondent.**



What exactly is
"Research Misconduct"?



Research Misconduct

Fabrication, Falsification, Plagiarism, or any other practice, that **Seriously Deviates** from practices commonly accepted in the discipline or in the academic and research communities generally in proposing, performing, reviewing, or reporting Research and Creative Activities.

Misconduct does not include appropriative practices in the Creative Arts insofar as they accord with accepted standards in the relevant discipline. Misconduct does not include honest error or honest differences in the interpretation or judgment of Research data.





Disclosure

Report potential conflicts of interest

Honesty Recognition Confidentiality Disclosure Compliance Protection Collegiality Communication





Compliance

Understand and follow the rules

Honesty

Recognition

Confidentiality

Disclosure

Compliance

Protection

Collegiality

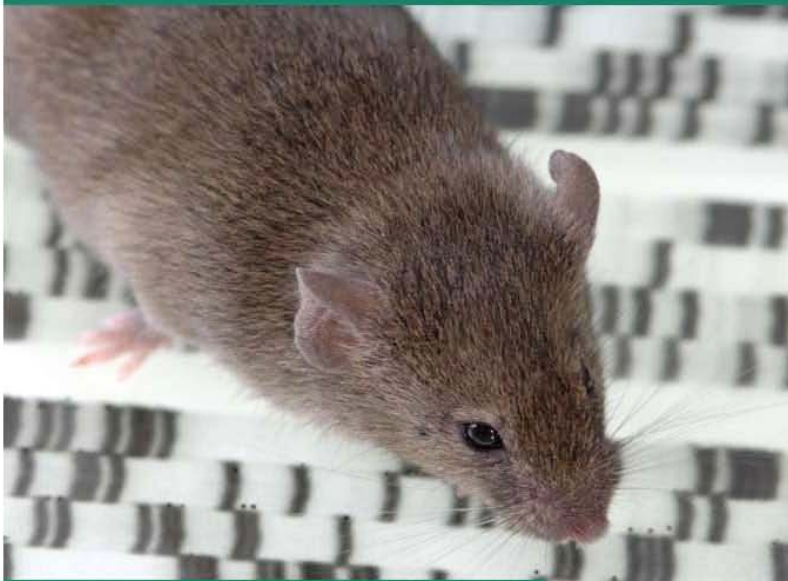
Communication



Research Integrity Matters

Research Integrity Council

grad.msu.edu
vprgs.msu.edu



Protection

Respect research participants

Honesty

Recognition

Confidentiality

Disclosure

Compliance

Protection

Collegiality

Communication



“Unacceptable Research Practices” means practices that do not constitute Misconduct but that violate applicable laws, regulations, or other governmental requirements, or University rules or policies, of which the Respondent had received notice or of which the Respondent reasonably should have been aware, for proposing, performing, reviewing, or reporting Research or Creative Activities.



What about individuals who are
always on the edge?



- **“Questionable Research Practices”** means practices that do not constitute Misconduct or Unacceptable Research Practices but that require attention because they could erode confidence in the integrity of Research or Creative Activities.



MICHIGAN STATE
UNIVERSITY

Research Integrity Matters

Research Integrity Council

grad.msu.edu
vprgs.msu.edu



Collegiality

Work well with others

Honesty

Recognition

Confidentiality

Disclosure

Compliance

Protection

Collegiality

Communication

Question

- What percentage of potential allegations coming to our office is associated with some sort of previous conflict between/among the parties involved?
- ~ 90%!!



Is Research Misconduct an Issue at MSU?

I have direct knowledge of situations at MSU that I believe would constitute Research Misconduct based on tonight's explanations? **Please Return the Response Cards**

91 1. True

99 2. False



What about prevention?

- Advice
- We encourage students, faculty and administrators to ask us about any research issues



What about prevention?

- Dispute Resolution
- We encourage students and faculty to seek our help with settling disputes



Please do one thing for me

