Welcome to Michigan State University Research

World-Class University, World-Class Scholarship

Office of the Vice President for Research and Graduate Studies
Research: The Foundation

• Research is the basis for education and outreach. World-class research inspires world-class education and outreach.

• Furthering research – advancing knowledge – will assure MSU’s international prominence.

• Dynamic research and creative programs – based on a forward-thinking research agenda – address problems of today and tomorrow.

• Faculty shape the reputation of MSU.
Why Enhance Research?

- Research – especially federally funded research – determines our national and international reputation.
- Increasing facilities and administrative cost returns reduces the university's subsidy for research and leverages central funds.
- Research grants provide resources to procure equipment and sustain core research facilities.
- Research makes a strong contribution to the state’s economic recovery.
Scholarship

• Scholarly activity includes arts and humanities.
• Competitive, university-wide, peer-reviewed internal grants programs support scholarly activities and provide seed funding for future proposals.
• See http://vprgs.msu.edu/internal-funding.
  • Humanities and Arts Research Program (HARP)
  • Strategic Partnership Grants
Academics and Research

• Research and scholarly activity is strongly linked to graduate, undergraduate education.
• A top research program draws top students.
• Faculty are expected to involve students at all levels in research.
  • Undergraduates (http://www.urca.msu.edu/)
  • Graduate Students (http://grad.msu.edu/)
  • Postdocs (http://grad.msu.edu/postdocs/)
• Faculty should know guidelines for graduate student mentoring.
Research Expectations at MSU

- Faculty must be the drivers to expand research and MSU’s reputation.
- We strive to hire better faculty; we expect you to be more successful than those before you.
  - Maintain a commitment to research excellence, compliance, and integrity.
  - Publish in top-tier journals.
  - Pursue a larger share of federal research funds.
Research Expectations at MSU

• Faculty in areas where external support is available must compete successfully for it.
• Faculty who have established their individual research programs must go on to pursue large multi-investigator and interdisciplinary proposals.

• Expand corporate research activity, develop intellectual property, and build successful spin-out companies
  • MSU Business-CONNECT
  • MSU Technologies
  • MSU Spartan Innovations

MSU Innovation Center
**External Funding Sources**

- **SciVal® Funding** [http://www.funding.scival.com/home#b](http://www.funding.scival.com/home#b)
  Extensive subscription database available to the MSU research community; includes funding announcements from federal, private, and foundation sources

- **VPRGS website** ([http://vprgs.msu.edu/find-funding](http://vprgs.msu.edu/find-funding))
  External funding sources and internal programs


- **Other information sources**: [http://grants.gov/](http://grants.gov/)
  Federal funding opportunities
Pre-Award Assistance

- When in doubt – ask!
- Office of Research Facilitation and Dissemination
  - Offers **writing support** on large, multi-author proposals. Loraine Hudson, director, 432-4499, [ljh@msu.edu](mailto:ljh@msu.edu).
  - Presents **seminars and workshops**, including monthly coffee break discussions on Thursday afternoons. Check [http://vprgs.msu.edu/calendar](http://vprgs.msu.edu/calendar) for details.
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 assistance.
- **Contract and Grant Administration** (CGA): post-award administration, assisting with the financial and contractual administration of grants, cooperative agreements, and contracts
Business-CONNECT

• facilitates rapid, high-quality corporate connections with Michigan State University’s research and service knowledge base

• responsible for corporate research contracts

http://www.businessconnect.msu.edu/
Responsible Conduct of Research

- Everyone involved in scholarly activity is expected to act responsibly.
- For guidance:
  - **Research Integrity Officer** (RIO): Jim Pivarnik, rio@msu.edu; 432-6698; www.rio.msu.edu
  - **Faculty Conflict of Interest Officer**: Terry May, mayte@msu.edu; 432-7140; www.coi.msu.edu/
  - **Responsible Conduct of Research series** of presentations grad.msu.edu/researchintegrity/
Compliance

• Everyone involved in scholarly activity is expected to comply with regulations
  • Human subjects protection
  • Animal care
  • Export control and trade sanctions
  • Conflict of interest
  • Environmental health and safety
What You Can Expect

• Clearly stated **performance expectations** from chair/director
• **Thorough annual evaluation** of performance
• **Strong mentoring** programs
  • Internal to the department
  • External to the department
    • Research integrity – RIO and RCR
    • Faculty conflict of interest
• **Support of and guidance from research associate dean, department chair, senior faculty**
• **Participation of OVPRGS** in the promotion and tenure process
Remember...

- You are expected to be an active scholar.
- You are expected to stay out of trouble (that means protecting the reputation of the university).
- Your research contributions and successes are an integral part of the promotion and tenure process.
- When you need assistance – ask! We want and need you to be successful.
More Information...

vprgs.msu.edu
Export Control – Technology

1. The U.S. government controls “deemed” exports of certain technology inside the U.S., as well as exports abroad.

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

3. 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.

4. ITAR controlled technology is restricted to U.S. citizens and permanent residents. EAR tech varies by specific citizenship.
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 Dubai – avoid Bank Melli (Iran gov’t link).
- MSU Alumni Association – participants must be careful during upcoming Cuba tourism.
- MSU USAID researchers – participants must be careful in Myanmar (Burma) project.

** For EC&TS assistance: Lori Hudson at 432-4499. **
Issue Escalation

► When in doubt, ask – any time, day or night – even at home in a crisis. OVPRGS staff can help.
► Failure to escalate some issues can be a “career crash landing.”
  ▲ Health and safety concerns
  ▲ Criminality, discrimination, harassment
  ▲ Research or fiscal misconduct
  ▲ Regulatory compliance
► Your line administrators can assist you in involving MSU legal staff.
Office of Regulatory Affairs

New Faculty Orientation

August, 2013
Who are we?

• Human Research Protection Program
• Animal Care Program
• Environmental Health and Safety
• Institutional Stem Cell Research Committee
• Conflict of Interest
Contact Information

Institutional Animal Care & Use Committee
Sally Light, IACUC Administrator
Ron Bates, Chair
Phone: 517-353-9705
E-mail: lights@msu.edu

Human Research Protection Program (HRPP)
Kristen Burt, Interim Director
Ashir Kumar, Chair BIRB
Harry McGee, Chair SIRB
Phone: 517-884-6020
E-mail: irb@msu.edu

Biological Safety Office
Jamie Willard, Biological Safety Officer
John Gerlach, Chair
Phone: 517-353-1877
E-mail: cherryme@msu.edu

Radiation Safety Office
Jean Chisnell, Interim Safety Officer
Dave Morrissey, Chair
Phone: 517 355-5146
E-mail: jchisnel@msu.edu

Campus Animal Resources
Acting University Attending Veterinarian
Monica Larsen
Phone: 517-432-4242
E-mail: monica.larsen@msu.edu

Faculty Conflict of Interest Office
Terry May, Director
Phone: 517-432-7140
Email: mayte@msu.edu

Stem Cell Oversight
Kristen Burt, Director
Katheryn Meek, Chair
Phone: 517-884-6020
E-mail: burtkris@msu.edu

Chemical Safety Office
Robert Ceru, Chemical Safety Officer
Carl Lira, Chair
Phone: 517-355-5146
E-mail: bobceru@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 you?

• 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
How do you find us?

www.ora.msu.edu
Office of Regulatory Affairs

-- assisting the MSU community in understanding & complying with all laws, regulations & standards.

**Human Research Subjects Protection Program has Fee Hall Hours.**
We are pleased to announce that the Human Research Liaison (HRL) staff are now at the CTSI offices on 5th Floor West Fee and available to meet with researchers every Tuesday from 8-12 and Thursdays from 1-5.

**HRPP Staff Achieve CIP® Certification**
HRPP staff members Rebecca Gore and Katy Hunscheare now Certified Institutional Review Board Professionals (CIP®). The exam encompasses a broad range of IRB related questions and requires extensive knowledge of human subject research regulations and requirements.

**Announcements**

- MSU’s Authorship Guidelines Updated
- MSU’s Research Integrity Committee has released new general guidelines on authorship of scholarly and creative works for public distribution. However, most journals or websites for publications state criteria for authorship, and the journal/group to which one intends to submit work should take... more
Questions?