Office of the Vice President for Research & Graduate Studies

August 13, 2013
Research: The Foundation for Our Future Success

• Research is the basis for education and outreach
• Furthering research – advancing knowledge – is what will take MSU to international prominence
• Dynamic research programs—based on a forward-thinking research agenda—address problems of today and tomorrow
Mission of OVPRGS

- Create the institutional vision for research
- Advocate for research and creative activities within MSU and beyond
- Increase the quality and quantity of research and creative endeavors at MSU
- 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
Take Advantage of the Resources Provided by MSU

Help your unit connect with what is available:

- Equipment
- Expertise
- Data Sources
- Collaborators
External Funding Sources

• SciVal [http://www.funding.scival.com/home#b] comprehensive funding database of federal and private foundations

• VPRGS website ([http://vprgs.msu.edu/find-funding]) lists many external funding sources and internal programs

• Office of Research Facilitation and Dissemination ([http://vprgs.msu.edu/funding-opportunities]) some funding or limited submission opportunities emailed directly to faculty


• Other information sources: [http://grants.gov/] lists all federal funding opportunities
Institutionally Limited Proposals

- Limited submission opportunities, including faculty scholar and fellowship programs, available at [http://vprgs.msu.edu/funding-opportunities/institutionally-limited](http://vprgs.msu.edu/funding-opportunities/institutionally-limited)

- OVPRGS conducts internal selection process to determine which proposals will be submitted.

- Researchers can subscribe to a listserv to receive email updates about opportunities at [limited@msu.edu](mailto:limited@msu.edu)
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
Internal Funding Sources

• Competitive, university-wide, peer-reviewed internal grants programs support scholarly activities and provide seed funding for future proposals. (See https://gps.vprgs.msu.edu/)

• **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 (RAIND)
Pre-Award Assistance

• Office of Research Facilitation and Dissemination (ORFD)
  • Offers **writing support** on large, multi-author proposals. Contact Loraine Hudson, director, 432-4499, 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.
Research Misconduct

• **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 [http://grad.msu.edu/researchintegrity/](http://grad.msu.edu/researchintegrity/)
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
1. “Fundamental research” on a US university campus is excluded from export controls under ITAR (military) and EAR (dual use) provisions.
2. The “Fundamental Research Exclusion” is lost for:
   a. Cryptography;
   b. Work to which publication or citizenship restrictions apply;
   c. In-bound data or equipment from non-university sources; and
   d. Contracted prototypes and defense services.
3. Controlled (non-FRE) activity is restricted to U.S. citizen and permanent resident students only.
4. Scholarship conducted overseas (including with collaborators) must comply with “trade sanctions”, vis-à-vis governments, companies and individuals.
5. Talk to ECTS – 432-4499 – export@msu.edu
Introducing the MSU URO

쭙 MSU faculty wish to conduct funded research projects carrying publication or citizenship restrictions. MSU does not currently accept such, in the interest of maintaining an open campus environment for international scholarship.

鼕 Peer institutions have created University Research Organizations to house restricted projects securely, apart from their traditional open campuses. **As of June 2012, MSU has done so, too.**
Governance Pathway

Prior to April 2011
- URO discussed in *Boldness by Design* annual reports.
- OVPRGS prepares two prospectus documents & FAQ.

April 2011
- Faculty Exploratory Committee (FEC) appointed.

May through October 2011
- FEC meets, conducts phone interviews, and writes.
- URO creation recommended, subject to six caveats.

November 2011
- FEC report to Governance; referred to committees.

December 2011 to March 2012
- Discussions with UCFT, UCFA, UCGS, and UCUS.
- Faculty Senate votes to endorse report, 3/27/12.
- University Council votes to endorse report, 3/27/12.
Six caveats advanced by the FEC

1. General funds will not be used to establish the URO.
2. Classified research will not be conducted at the URO.
3. The openness of the campus to international scholars will be preserved.
4. Research will be allowed at the URO only if it cannot be conducted traditionally on the MSU campus.
5. The current MSU policy on open publication of research results will be strengthened for regular projects on campus.
6. Undergrads, graduate students, and junior faculty will receive written and disinterested oral explanations of the career implications of URO participation.
The URO: What every administrator should know...

- URO participants’ home units may anticipate normal IDC.

- Projects are now being accepted.

- Placing a project in the URO requires:
  - A project impermissible in traditional academic units.
  - The agreement of all Principal Investigators, their departments/schools and colleges, and the URO.
  - Conduct of the project in URO space. (Typically MBI.)
  - Compliance with the URO Access Control Plan.
  - Only US citizens and permanent residents. (Typically….)
  - Arm’s length advising of junior personnel, pre-involvement.
Issue Escalation

- When in doubt, **ask** -- any time, day or night. 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

- New administrators frequently overlook the Office of the General Counsel as a resource.
Office of Regulatory Affairs

New Administrator 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

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

Radiation Safety Office  
Jean Chisnell, Interim Safety Officer  
Dave Morrissey, Chair  
Phone: 517 355-6734  
E-mail: jchisnel@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
Human Research Subjects Protection Program has Fall 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.
Questions?