Campus Research Resource Fair

January 15, 2015

MICHIGAN STATE UNIVERSITY
Center for Statistical Training & Consulting

CSTAT helps MSU researchers apply quantitative reasoning & statistical methods in their research. It is part of MSU’s infrastructure for improving and facilitating excellence in research.

Services

• Workshops on methods & software topics.
• Statistical consulting (advice on design, methods, software, & more)
• Partner/collaborate on projects & grant proposals.

Register for service at www.cstat.msu.edu.
Human Research Protection Program

For projects that meet the definition of research and/or clinical investigation with human subjects:

**Institutional Review Board (IRB) office** facilitates the MSU IRB review processes, performs a pre-review of incoming applications to the IRBs, reviews exempt applications

**Human Research Liaison office** performs post approval monitoring and outreach, conducts a review of clinical research (e.g. FDA requirements)

**Clinical Research Billing Compliance office** provides resources to the research community and others involved in patient care activities during research studies to ensure proper billing of health care services and items

**IRB committees** review and approve non-exempt human subject research

For more information, visit [hrpp.msu.edu](http://hrpp.msu.edu)
Institutional Animal Care & Use Committee

IACUC evaluates and oversees the care, treatment, housing and use of animals for all research, teaching, and outreach using animals on or off campus by researchers or students.

IACUC Protocol Submission Process

- Animal Use Form (AUF) [http://www.iacuc.msu.edu/forms.html](http://www.iacuc.msu.edu/forms.html)
- AUFs submitted by email to iacuc@msu.edu
- AUFs are sent out for IACUC review every Monday
- Allow 4-6 weeks for IACUC review.
- Once AUF approved, PIs notified and can order animals.

Mandatory Training – [http://www.iacuc.msu.edu/training.html](http://www.iacuc.msu.edu/training.html)

- IACUC Tutorial
- Species Specific Training
- Health and Safety Training
Campus Animal Resources

**Veterinary Consultations**
Prior to completing the Animal Use Form (AUF) for the IACUC, veterinary staff can provide guidance on:
- Selection of animal models
- Housing facility options
- Refinements in anesthesia and analgesia
- Training recommendations for specific animal species

**Additional CAR Assistance**
Assistance with animal procurement
Transfer of animals
Breeding colony assistance
Special housing or husbandry needs to meet experimental objectives

**For Agricultural Species**
Procurement and housing are primarily coordinated through the Dept. of Animal Science
Veterinary assistance and oversight is provided in partnership with CAR
Conflict of Interest

MSU's Faculty/Academic Staff Conflict of Interest Policy requires that, beginning January 1, 2015, all faculty and academic staff submit an annual disclosure of significant financial interests related to their MSU responsibilities. Please visit http://coi.msu.edu/ for more information and to complete your disclosure. Disclosures must be completed by February 28, 2015.

In addition, online Conflict of Interest Training is required for investigators on PHS-funded projects. This training is highly recommended for all faculty and academic staff as a means to be aware of the potential for conflict situations between work and personal interests.

Visit Us on the Web: http://coi.msu.edu/; Contact Us: fcoiio@msu.edu or (517) 884-7000
Clinical & Translation Sciences Institute

- Multi-disciplinary infrastructure unit to support clinical and translational research.
  - Internal funding program for seed/pilot projects
  - Scholars program supporting clinical scientists.

- Office of Clinical Research (OCR), assists researchers with the development, implementation, management, and completion of clinical research conducted through MSU and community partners. The OCR serves as the ‘Researcher Advocate’, helping faculty and staff navigate the MSU clinical research environment, providing clinical research space and personnel for purchase to support projects, and facilitating the use of tools such as ResearchMatch, StudySearch, and eagle-i.

- The Biomedical Research and Informatics Core (BRIC) provides data management resources including pre-award data management plans, database design and construction, project management software, trained data management staff, human subjects data security, and custom application development for data collection.
Research & Scholarly Integrity

• Policies and procedures to help guide research
• Authorship guidelines/plagiarism
• Research data management, control and access best practices
• Graduate student advising and mentoring assistance
Community Outreach and Engagement

- Assistance with connecting with potential community research partners
- Consultation and education in best practices in community engaged research approaches and methods
- Review of community outreach and engagement elements in grant proposals and publications
Export Controls or Trade Sanctions can apply...

• In conducting certain sponsored projects;
• In managing, storage and handling of some laboratory materials;
• In material transfer or confidential disclosure agreements;
• When inviting international visitors;
• In conducting international research or international collaborations
Research Facilitation and Dissemination

- **Grant writing assistance** especially for approved cross-disciplinary, university-wide, or multi-department proposals
- **Funding information**
- **Travel support** for visits to federal and other grant officers
- **Workshops** and support for third-party training
Internal & Institutionally Limited Grants

• Promotes the MSU research agenda
• Administers the internal grant program
• Offers interdisciplinary research support
International Research (OIRC)

• International grant support - we assist with large, multi-disciplinary, international research proposals and also smaller international grants as time permits.

• Grant support including: finding and distributing opportunities, convening meetings, keeping track of deadlines and submission timelines, editing (for structure, grammar, and compliance with the solicitation), budget support, coordinating with OSP, and submission.

• Market intelligence - we track grant opportunities and share relevant ones with appropriate faculty and to our listserv/newsletter.
Office of Sponsored Programs (OSP)

Provides pre-award support including:

• Reviews & approves proposals
• Negotiates agreements & accepts awards
• Advises faculty & staff about external funding agencies
• Liaison with funding agency prior to award/contract
• MSU’s Authorized Representative for sponsored projects
Contract & Grant Administration

- Post-award account setup and amendments
- Cash management and expenditure review
- Financial reporting and account close-out
MSU Libraries Funding Center

- Member of the Foundation Center Funding Information Network
- Assist campus and nonprofit community with finding funding sources
- Provide information on proposal writing and related topics
- Maintain Grants and Related Resources LibGuide
RDMG

• Provide guidance to faculty in the development and execution of research data management plans

• Connect faculty to distributed research data support services

• Educate students, faculty, and staff about the importance of data management

DH

• Instruct on Digital Humanities methods, tools, and techniques

• Consult on Digital Humanities methods, tools, and techniques

• Collaborate on Digital Humanities research

• Provide collections that can support computational research in the Humanities
Research Technology Support Facilities

• Fundamental tools for life science research
• High throughput capabilities
• Grant writing and experimental design assistance
MSU Technologies

- Execute Material Transfer Agreements (MTA) and confidentiality agreements
- Manage and protect faculty inventions and discoveries
- Find or create companies to commercialize MSU inventions
- Negotiate intellectual property clauses in sponsored research agreements, grant agreements and similar contracts.
The Institute for Cyber-Enabled Research

- iCER provides access to free advanced computer resources available to researchers across all departments on campus.

- Free consulting is available to assist users with grant writing, using the system, troubleshooting software, navigating software titles and much more.

- Training workshops, seminars, and webinars are available year-round for research students and faculty to further improve their research computing skills.