

R·I·T

The PI Institute

OFFERED BY SPONSORED RESEARCH SERVICES

2011-2012



The Principal Investigator Institute is a series of information sessions on topics of concern to researchers and principal investigators, including proposal development, project management, and compliance with regulations. The series is designed to give new and experienced investigators a better understanding of the multiple issues involved in sponsored research. To register for any of these sessions, please visit the Center for Professional Development at <http://finweb.rit.edu/cpd/scheduleofcourses.html>.

RESEARCH at RIT

Welcome to the RIT Principal Investigators Institute for the 2011 - 2012 academic year. This year, we are featuring three content areas: proposal development **PD**, project management **PM**, and resources for researchers **RR**. Proposal development topics are designed to help researchers understand the components of successful proposals and how sponsors make funding decisions. Project management topics are geared to the administration of funded awards. Resources for researchers topics provide detail on critical themes related to research. All sessions are open to the RIT community.

NSF OVERVIEW **PD**

September 13, 2011
2:30-4:30 • Campus Center 1010/1015

January 11, 2012
2:30-4:30 • CIMS 2120

This session will provide attendees with an overview of the National Science Foundation, including its organization, mission and priorities. Attendees will leave with a better understanding of how to work with NSF.

David Harrison, Sponsored Research Services
dxhhrs@rit.edu • 475-2977

INTELLECTUAL PROPERTY AND TECHNOLOGY COMMERCIALIZATION **RR**

September 14, 2011
2:30-4:30 • Campus Center 1010/1015

January 10, 2012
2:30-4:30 • CIMS 2120

This seminar will help PIs, researchers and managers understand intellectual property (IP) and technology commercialization at RIT. Topics to be covered will include: the basics of intellectual property protection, the role of the PI in identifying and protecting intellectual property, and options for moving technologies, inventions, services and copyrighted works from the university to the marketplace. If you are an inventor, or potential inventor and/or copyright creator (software in particular) and want to understand the basics of intellectual property and how you can move your creation out to the marketplace or an entrepreneur interested in starting a company around your RIT creation this seminar will provide you with background information on potential pathways forward.

Bill Bond, Intellectual Property Management
bill.bond@rit.edu • 475-2986

NIH OVERVIEW **PD**

September 20, 2011
2:30-4:30 • Campus Center 1010/1015

January 24, 2012
2:30-4:30 • CIMS 2120

This session will give an overview of the several institutes comprising the National Institutes of Health. Topics will include the funding mechanisms used by NIH and the recent revisions to proposal and award processes.

Scott Miller, Sponsored Research Services
sdmsrs@rit.edu • 475-4287

HUMAN SUBJECTS RESEARCH **PM**

September 21, 2011
2:30-4:30 • Campus Center 1010/1015

December 13, 2011
2:30-4:30 • CIMS 2120

This session is appropriate for all faculty, staff and students who conduct research with human subjects. Topics will include the history of protections for research participants, the Human Subjects Research Office (HSRO) review process at RIT, determining when an activity needs to be reviewed, and in depth discussion of the Informed Consent Process. Participants will develop an understanding of why human research subjects' protections exist, the federal guidelines that shape them, and how the HSRO can help them accomplish their research objectives while protecting the rights and welfare of their research subjects.

Heather Foti, Human Subjects Research
heather.foti@rit.edu • 475-7673

RESEARCH COMPUTING RESOURCES

September 27, 2011

2:30-4:30 • Campus Center 1010/1015

February 9, 2012

2:30-4:30 • CIMS 2120

Research Computing at RIT endeavors to provide a total environment dedicated to making computing-based research activities more productive, efficient, and large-scale by maximizing user-friendliness and integrating the many complexities into a single interface. This overview will cover high performance computing resources and their typical use, the mass data storage and backup systems, high speed networks, free and commercial software, the campus grid system, external computing grids, external supercomputing resources, local support staff and responsibilities, research collaboration tools, online information resources, local user groups, and global research communities.

Gurcharan Khanna, Research Computing
gkspop@rit.edu • 475-7504

WORKING WITH COMPANIES AND CORPORATE RFPs

September 28, 2011

2:30-4:30 • Campus Center 2610/2650

December 14, 2011

2:30-4:30 • CIMS 2120

What are the advantages and disadvantages of working with companies? How do I connect with companies in my areas of interest? How do I get the most from a company research project and expand that relationship for more projects? How do I participate in open request for proposals (RFP's) from companies? These and other questions about working with companies will be addressed.

Mike Dwyer, Research Relations
michael.dwyer@rit.edu • 475-2698

BUDGETING FOR RESEARCH PROJECTS

October 5, 2011

2:30-4:30 • Campus Center 1010/1015

How do I plan a proposal budget? What items can I include? Participants will develop an understanding of what goes in to a proposal budget, the rules governing spending on sponsored research projects, common problems with project budgets, and how your proposal budget may impact the management of your new award.

Nick Rogers, Sponsored Research Services
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RESPONSIBLE CONDUCT OF RESEARCH

October 11, 2011

2:30-4:30 • Campus Center 1010/1015

January 18, 2012

2:30-4:30 • CIMS 2120

All members of the RIT research community, including students, faculty, staff, and postdoctoral researchers, are expected to adhere to the highest ethical and professional standards as they pursue research and scholarly activities. RIT community members engaged in research and scholarly endeavors must comply with the legal, regulatory, contractual, and ethical requirements established by the university, regulatory agencies, funding sources, and applicable professional organizations. This session provides an overview of the Responsible Conduct of Research and educational resources for the RIT community. Students, faculty and staff are welcome.

Heather Foti, Human Subjects Research
heather.foti@rit.edu • 475-7673

WORKING WITH PRIVATE FOUNDATIONS

October 12, 2011

2:30-4:30 • Campus Center 1010/1015

Private foundations represent a diverse and growing source of research funding. How do they work? How do I identify a private foundation that might be interested in my work? What is the best way to approach a private foundation? This session will help you understand how best to navigate the world of private foundations and how they can help support your research program.

Susan Watson Moline, Foundation Relations
swmdar@rit.edu • 475-5498

PLANNING A SUCCESSFUL PROPOSAL

October 18, 2011

2:30-4:30 • Campus Center 1010/1015

This seminar will be useful to new and early stage researchers. You will learn about the elements of a strong proposal, the grant writing process, crafting proposals that target specific areas of interest to sponsors, the grant review process, and how to interpret reviewers' comments.

David Bond, Sponsored Research Services
david.bond@rit.edu • 475-7987

RESEARCH COMPLIANCE

October 19, 2011

2:30-4:30 • Campus Center 1010/1015

Sponsored research involves compliance with multiple federal laws and regulations. This session will help principal investigators understand their basic responsibilities including financial management, reporting and research compliance.

Shane Crouse, Sponsored Research Services
sccsrs@rit.edu • 475-5347

AWARD MANAGEMENT

January 17, 2012

2:30-4:30 • CIMS 2120

This workshop will provide PIs with an understanding of RIT and sponsor policies and procedures for managing externally funded projects. By the end of this workshop, attendees should have a good understanding of RIT's resources and expectations as well as some of the more common sponsor rules.

Kate Clark, Sponsored Research Services
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MANAGING MULTIPLE PROJECTS

January 25, 2012

2:30-4:30 • CIMS 2120

Established PIs often have several grants or contracts at one time and can find themselves without an overall understanding of the documentation, policies, and procedures required by the sponsors. SRS worked with veteran PIs and research centers on campus to learn their techniques and best practices for managing multiple sponsored projects and incorporated that information into this discussion group. By the end of the session, attendees should have an improved understanding of what is involved with multiple sponsored projects, as well as new insights for improved management techniques. This group discussion welcomes established PIs, aspiring PIs, and administrative staff.

Shane Crouse, Sponsored Research Services
sccsrs@rit.edu • 475-5347

GETTING PUBLICITY FOR RESEARCH AND TALKING TO THE MEDIA

January 31, 2012

2:30-4:30 • CIMS 2120

Obtaining positive publicity for research projects can be a central method for promoting results and enhancing potential adoption of new technologies, policy recommendations or business practices. This session will provide PIs with an understanding of the different public relations avenues available, a breakdown of the services offered on campus and training on how to conduct interviews with reporters.

Will Dube, Research Relations
wjdpop@rit.edu • 475-2816

EVALUATION AND ASSESSMENT

February 8, 2012

2:30-4:30 • CIMS 2120

Evaluation and assessment are critical parts of a research proposal, particularly if you are designing innovations and improvements to the curriculum. This session will provide an overview of how to design logic models that will help to guide project management, identify activities and determine program outcomes. Logic Models are visual representations of project designs and how they accomplish overall program goals. It is especially appropriate for anyone considering the NSF TUES program.

Maria Cortes, Sponsored Research Services
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