



MISSISSIPPI STATE
UNIVERSITY™

OFFICE OF RESEARCH AND
ECONOMIC DEVELOPMENT

SEMINAR SERIES
Spring 2020



REGISTRATION

Please register for spring seminars at www.research.msstate.edu/workshops



WRITE WINNING GRANT PROPOSALS

Dr. Lauren Broyles, Grant Writers' Seminars and Workshops

Wednesday, February 12, 2020

8:00 a.m. – 4:30 p.m.

Franklin Furniture Auditorium

This all-day presentation comprehensively addresses both practical and conceptual aspects that are important to writing competitive grant proposals. It is appropriate for faculty members, postdoctoral researchers and administrative staff who have had some exposure to writing grant applications, either through training / mentoring or personal experience. The presentation will be focused on the National Science Foundation and the National Institutes of Health. Emphasis is given to doing the “extra” things that can make the difference between success and failure.

Regardless of the agency, participants are taught to write with a linear progression of logic, which leads reviewers through an application without them knowing that they are being led. Coping strategies to overcome the fact that applicants are writing for two different audiences – the assigned reviewers, who read the application in its entirety, and non-assigned reviewers who may have read little, or nothing, of the proposal before the meeting of the review panel – are emphasized.

All participants will receive an extensive handout, with the option upon registration to purchase a field-relevant copy of The Grant Application Writer's Workbook. The workshop will be presented by Dr. Lauren Broyles, Associate Member of the Grant Writers' Seminars and Workshops. Dr. Broyles has a diverse background of competitive extramural funding from the NIH, the Veterans Health Administration, and various non-federal foundation sources. She has served as a member of federal grant-review panels, and is an Associate Editor for the journal, Substance Abuse and as a faculty member and addiction fellowship director, she has regularly been recognized for excellence in research, teaching, and mentoring.

To register for this seminar:

<https://www.tfaforms.com/4758922>

PROCESSES: RESEARCH SPONSORED PROJECTS

RESEARCH ADMINISTRATION SYSTEMS AND PROCESSES BY COLLEGE (PART ONE)

Office of Sponsored Projects Staff

Friday, April 3, 2020

Fowlkes Auditorium, Colvard Student Union

The Office of Sponsored Projects provides institutional oversight and regulatory approval for all proposals for external funding. OSP's processes, procedures, and platforms for the activities associated with proposal submission are standard, however, we recognize that each of MSU's Colleges have preferences and/or policies at the College and/or Department level as to roles and responsibilities of PIs and support personnel for tasks associated with proposal preparation, uploading, and initiating a new request for submission. This workshop, presented as a series of back-to-back sessions for faculty and staff of each College, will present the steps for preparing and submitting proposals including creation of an OSP ticket via the Service Request Portal, internal forms (IAS, Child Accounts, etc.,) and submission platforms (Cayuse, Fastlane, etc.) specifically for each audience. A follow up program with open labs will provide additional hands-on training for use of the submission platforms.

8:30 a.m. DAFVM units (MAFES, Ext., CVM, CALS)

9:30 a.m. College of Business

10:30 a.m. College of Education

11:30 a.m. College of Arts & Sciences

12:30 p.m. College of Architecture Art & Design

1:30 p.m. College of Engineering

*faculty/staff associated with a Center or Institute, please select the session for the unit with which you are most aligned.

To register for this seminar:

<https://www.tfaforms.com/4775825>

HANDS-ON TRAINING FOR OSP SAMANAGE & CAYUSE (PART TWO)

Office of Sponsored Projects Staff

Monday, April 27, 2020 and Tuesday, April 28, 2020

8:00 – 10:30 a.m. both days

McArthur Lab B, Basement

As part two of the OSP Research Administration Systems and Processes program, this session will provide "open lab" time for hands-on instruction for using the required proposal preparation and submission systems, Samanage and Cayuse. These sessions are open to all faculty and staff engaged in proposal preparation and submission.



JANUARY

SBIR/STTR: HOW TO MAKE THESE FUNDING MECHANISMS WORK FOR YOU

Drew Hamilton, Director, Center for Cyber Innovation

Tuesday, January 21, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

Numerous federal agencies employ the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs to stimulate technological innovation by funding research and development efforts that partner small businesses and nonprofit research institutions. Drew Hamilton will address a variety of questions including: How can I use SBIR/STTR to access federal funding streams? What are the pros and cons of working with a small business? How do I recognize a good partner? What are best practices? For information about the SBIR/STTR programs, please visit <https://www.sbir.gov>.

**DO YOU HAVE AN IDEA FOR A SEMINAR?
LET US KNOW!**

ltaylor@research.msstate.edu

CRAFTING THE WINNING CURRICULUM VITAE

Deborah Lee, Associate Dean, General Library

Tuesday, January 28, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

The curriculum vitae (CV) is the document most often used during the academic job search and throughout an academic career. This workshop will provide strategies for developing a professional CV. Knowing the what, when, why and how of a CV can be essential in getting the job that you've always wanted. Come and learn the initial steps in preparing a winning CV.



FEBRUARY

RESEARCH CONVERSATIONS: VIRTUAL REALITY

Monday, February 3, 2020

11:45 – 1:00 p.m.

Section U, Colvard Student Union

Virtual Reality allows for simulated experiences that can be similar to or completely different from the real world. Virtual reality systems allow us to generate realistic images, sounds, and other sensations that simulate a user's physical presence in a virtual environment and are being used for education, medical, military, entertainment and many other applications. The Office of Research and Economic Development (ORED) wants to foster conversations about the many facets of virtual reality and their use (in research, the classroom, outreach) throughout the MSU community. This Research Conversation session will be an opportunity for people to share their involvement with VR and/or learn more about the work of those who are sharing their involvement with VR. We invite individuals to make a presentation on their involvement with VR, during lightning rounds. During the lightning rounds, presenters will have up to 10 minutes to share about their work with VR. At the end of all the lightning round presentations, there will be a time for Q&A among all the presenters and attendees. Conversations at this session may lead to future collaboration including a possible VR working group to foster future research and collaboration and support external funding. Attendees can register to attend only or to attend and present. Lunch will be provided.

To register for this seminar:

<https://www.tfaforms.com/4775270>

FOREIGN INFLUENCE ON RESEARCH INTEGRITY

Kacey Strickland, Director, Research Compliance

Tuesday, February 4, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

Foreign influence in academic research is an issue that is receiving increased attention by all major federal funding agencies. Mississippi State values international collaboration and partnerships so it is important to understand the current regulatory landscape in light of this reality. This session will focus on the areas of concern identified by the federal funding agencies, the things you can do to ensure compliance, and the university resources available to you.

Responsible Conduct of Research credit will be given for attendance.



ESTABLISHING EFFECTIVE WORKING RELATIONSHIPS BETWEEN FACULTY AND STUDENTS IN THE LABORATORY

Jan Chambers, Professor, Center for Environmental Health Sciences

Thursday, February 6, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

It is essential that faculty and students (graduate and undergraduate students) understand their roles, responsibilities and expectations while functioning in a research laboratory. Whether you are new to the research laboratory or well established, it is important to think about faculty-student interactions for optimal research progress and student training. We will discuss the types of issues and questions that can arise and how best to insure good working relationships. Faculty/researchers are encouraged to attend (and bring your students) to gain valuable information associated with student/faculty interaction when working in a research setting.

Responsible Conduct of Research credit will be given for attendance.

SOLICITATION REVIEW & ANALYSIS: HOW TO READ AND RESPOND TO A CALL FOR PROPOSALS

Stephanie Hyche, Associate Director, Office of Sponsored Projects

Thursday, February 20, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

So, you think you've found the perfect funding opportunity. Now what? This program will walk step-by-step through the process of reading a solicitation, RFP, or call for proposals for the purpose of understanding eligibility, review criteria, preparation instructions, and other information pertinent to developing a competitive and responsive proposal. We will examine how to use the solicitation itself as a both a guide and tool for conveying your project idea effectively to the specific funder.

SELLING YOURSELF AND GETTING THE JOB

Carley Morrison, Assistant Professor, Human Sciences

Wednesday, February 26, 2020

3:00 – 4:30 p.m.

Fowlkes Auditorium, Colvard Student Union



Etiquette, in general terms, is often defined as a code of "polite conduct and proper behavior". It refers to the rules that indicate the "proper and polite way to behave" so as to avoid offending or annoying other people. Job interview etiquette is no different. A successful job interview begins long before the initial meeting. Research, planning, effort and preparation must first take place prior to the first handshake. No matter the type of meeting (in person, telephone, over the internet, business meal, etc.) you need to make a positive and memorable impression. Because you want the job you have to impress the interviewer, not just with your skills, experience and other qualifications, but the overall package -- that is YOU. In this seminar we'll help you identify ways that will make you stand out and appear confident and in control from your cover letter to your thank you note.

RESEARCH EXPERIENCES FOR UNDERGRADUATES (REUs) SITES VS. SUPPLEMENTS

Stephanie Hyche, Associate Director, Office of Sponsored Projects

Deb Mlsna, Assistant Professor, Chemistry

Reuben Moore, Interim Vice President, DAFVM

Andy Perkins, Associate Professor, Computer Science & Engineering

Thursday, March 19, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

Research Experiences for Undergraduates (REUs) are a type of funding mechanism from the National Science Foundation designed specifically for engaging undergraduate students in the conduct of research. This program will describe the unique requirements review criteria, and typical activities for proposals to establish a REU program or “site,” as well as opportunities to enhance existing research awards by requesting a “supplement” to support undergraduate students. The program will feature best practices throughout the lifecycle of a REU – proposal through implementation – from some of MSU’s experienced REU recipients.

PREPARING THE HUMAN SUBJECTS STUDY RECORD

Nicole Cobb, Human Research Protection Program Officer, Research Compliance

Stephanie Hyche, Associate Director, Office of Sponsored Projects

Wednesday, March 25, 2020

3:00 – 4:30 p.m.

Fowlkes Auditorium, Colvard Student Union

Applications for research funding which involve human subjects often require comprehensive documentation of the investigator’s plans to collect information, perform research activities, and protect subjects. In addition to obtaining internal approvals via MSU’s IRB, the proposal may require a “Human Subjects Study Record” in which specific details must be provided on the subjects and study itself, plans for mitigating any risks, and potential benefits of the proposed study, among others. This program will provide instruction (including templates and forms) on completing both the internal IRB approval process via MyProtocol and the required PHS Human Subjects Study Record form and associated attachments, as well as how to include them with your proposal during the process of submission.

BEST PRACTICES IN VISUAL RESOURCES

Corinne Kennedy, Assistant Professor, General Library

Tuesday, March 31, 2020

2:00 – 3:30 p.m.

Fowlkes Auditorium, Colvard Student Union

Using visual resources without permission is theft. Visual resources include images, charts, tables, graphs, and maps. If you use one of these types of resources in your work, you must cite it. This includes papers, presentations, thesis/dissertations, publications, blogs, etc. Learn to use and cite visual resources correctly.



Responsible Conduct of Research credit will be given for attendance.

TOUR THE STARKVILLE OKTIBBEHA/MSU PARTNERSHIP MIDDLE SCHOOL

Devon Brenner, Assistant to the Vice President, Office of Research and Economic Development

Tuesday, April 7, 2020

2:00 – 3:30 p.m.

Partnership Middle School Main Lobby

Partnership Middle School is a collaboration between the Starkville Oktibbeha County School District and Mississippi State University. Beginning in Fall 2020, the newly constructed school will house up to 1000 sixth and seventh grade students on the MSU campus. Partnership School also houses six MSU classrooms for teacher education and other courses. In this seminar you can take a tour of the new school and learn about this unique collaboration and the research, teaching, and service opportunities it provides. Space is limited.

A CRADLE TO GRAVE LOOK AT MANAGING EXTERNALLY FUNDED PROJECTS

**Brandy Akers, Executive Director, Research Fiscal Affairs
Office of Research and Economic Development**

Wednesday, April 8, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

The Office of Research and Economic Development (ORED) is responsible for ensuring compliance with all applicable federal, state, and university regulations and policies related to research and externally funded sponsored projects. This seminar will highlight important topics relevant to the pre-award and post-award process helping to link federal and state regulations to university policy. Topics covered will include cost share, F&A rates and distribution, Uniform Guidance, helpful banner screens and other important aspects for effectively managing externally funded contracts and grants.

This seminar is designed for individuals who are just beginning to work with sponsored projects or for those who want a refresher in such topics.

YOUR SCIENCE IDENTITY

Tracey Baham, Associate Director, Office of Institutional Research & Effectiveness

Stephen Cunetto, Associate Dean, University Libraries

Stephanie Hyche, Associate Director, Office of Sponsored Projects

Tuesday, April 14, 2020

2:30 – 4:00 p.m.

Fowlkes Auditorium, Colvard Student Union

What is your “Science Identity?” How are you presented to the world as a scholar? Come hear about several of the resources, services, and data platforms that capture your professional information and presents your expertise to your peers, funders, and the public, such as Digital Measures, Academic Analytics, VIVO, ORCID, and SciENcv, among others. We will discuss how you can use these tools to promote yourself and your work, and how others may use them on your behalf.

APRIL

IS IT ETHICAL TO USE DATA FROM NAZI EXPERIMENTS?

Colleen Sinclair, Associate Professor, Psychology

Tuesday, April 28, 2020

3:00 – 4:30 p.m.

ELI & Giles Computer Lab, MSU Libraries

The Nuremberg Code was one of the first sets of guidelines for scientists on the ethical conduct of research. It grew out of trial of the doctors involved in gruesome Nazi experiments. This workshop delves into this history and the ongoing debate as to whether data collected during these experiments should be used today. Ethical and scientific validity implications will be discussed. This training is interactive.

Responsible Conduct of Research credit will be given for attendance.



REGISTRATION

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www.research.msstate.edu/workshops

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