Morgan State University Workshops for the Development of New Faculty

Course name: Grants, Pedagogy, and MSU History 101

Term: Fall 2024 / Spring 2025

Location: Tyler 101 (in person)

Day/Time: Mondays or Tuesdays (select one), 11:30 AM to 12:30 PM

Primary Instructors: Farin Kamangar, MD, PhD, CRA
Associate Vice President for Research
farin.kamangar@morgan.edu

Gillian Silver, MPH, CPH, CRA
Director, Office of Research Administration
gillian.silver@morgan.edu

Laura Dorsey-Elson, PhD
Director, Center for Innovative Instruction and Scholarship (CIIS)
Laura.dorseyelson@morgan.edu

Edwin Johnson, PhD
Special Assistant to the Provost, MSU Historian
edwin.johnson@morgan.edu

Seminar Series Description:
These seminars are intended to enhance the capacity of newly hired tenure-track MSU faculty members to become stronger researchers and educators, and to become more familiar with the history, culture, and accomplishments of MSU. The seminars focus mostly on grant writing, but there are also several sessions on achieving excellence in higher education instruction. One session is dedicated to the history and mission of MSU, to provide context for the research and teaching missions.

Objectives for Grant Preparation:
1. Describe the life cycle of sponsored awards
2. Identify sources of grant funding, especially those that are targeted toward HBCUs and other minority-serving institutions
3. Learn more about funding opportunity announcements and how to read them
4. Write well-prepared proposals for sponsored projects
5. Prepare budgets for sponsored projects
6. Prepare other auxiliary material (e.g., biosketches, letters of collaboration) for grants
7. Network with peers, successful researchers at the university, and the D-RED staff

Objectives for Pedagogical Enhancement:
1. Discuss the concept of reflective teaching and how it is fostered at Morgan State University
2. Survey selected theory-grounded and effective practices in higher education instruction

Teaching Methods and Activities:
1. Lectures by the primary instructors and other experts
2. Assignments to identify opportunities and write proposals
3. Assignments to sign up for key research portals and databases
4. Presentations by the participants
5. Multiple choice questions (a mixture of simple and complex questions)
6. Engaging in-session activities
7. Active Learning
8. Projects

Desired Outcome for Grant Preparation:
Participants are required to:
- Have a proposal ready for submission by June 30, 2025.
- Identify 2 to 3 additional funding opportunities and develop initial plans for submission.

Desired Outcome for Pedagogical Enhancement:
Participants will be able to:
- Describe the benefits of reflective teaching.
- Articulate an evidence-based understanding of metacognition, attention, and distraction.
- Define, compare, and contrast Behaviorism and Constructivism learning theories.
- Identify and differentiate between the levels of Bloom's Taxonomy.
- Distinguish between learning goals, objectives, and outcomes on a course syllabus.
- Recall and describe the three levels/aspects of classroom engagement.
- Explain 10 suggested inclusive practices for classrooms.
- Describe the concept of student assessment.
- Discuss the importance, forms, purposes, and methods of student assessment.

Course Schedule:
Each session will be one hour unless otherwise noted. Sessions, dates, and content are listed below. The schedule is subject to change.

Readings & Resources: MSU PI Handbook, Part 1: General Principles
MSU PI Handbook, Part 2: Preparing Budgets
Pedagogy session readings, resources and due dates are within the syllabus

Other course material: Slides, summary notes, quizzes, multiple choice questions, etc., will be posted on our website.

Required Attendance: The participants are expected to attend at least 80% of the seminars. Attendance will be taken and, if requested, reported to the Provost's office.

Please contact ask.ora@morgan.edu if you need assistance on a specific grant- or contract-related issue.

Fall 2024

Week 1 (Sep 9, 10)
- Introductions in small groups
- Review the planned curriculum

Week 2 (Sep 16, 17)
- Introduction of experienced researchers
- Charge for the workshop from the Provost and VP DRED

Week 3 (September 23, 24)
- An idea meets an FOA
- Reading an FOA
- Group work – reviewing an FOA and identifying components and requirements

Week 4 (September 30, October 1)
- Reading an FOA
- Group work – reviewing an FOA and identifying components and requirements

Week 5 (October 7, October 8)
- Generate a research topic in response to an FOA
- Group work

Week 6 (October 14, ==October 15 – Tyler 101 not available==)
- What reviewers look for in a proposal
  (significance, innovation, methods, investigators, and environment)

Week 7 (October 21, October 22)
- How to write good introduction and significance sections for your grant proposal
- Group work

Week 8 (October 28, October 29)
- How to write the innovation statement and the methods section for your grant proposal
- Group work

Week 9 (November 4, November 5)
- How to write grant proposal sections on the environment and on investigators
- Group work

Week 10 (November 11, November 12)
- How to prepare your NSF and NIH biosketches using ScienCV
- Group work

Week 11 (November 18, November 19)
- How to develop a grant proposal budget (part 1)
- Group work

Week 12 (November 25, November 26)
- How to develop a grant proposal budget (part 2)
- Group work

Week 13 (December 2, December 3)
- How to solicit and draft letters of support or commitment
- Group work

Week 14 (December 9, December 10)
- Introduction to research ethics and regulations
- Group work

<<WINTER BREAK>>

Spring 2025

Week 15
(January 14, 15, and 16)
- Three-day grant-writing intensive for new and existing faculty; ORA staff and others with suitable grant writing experience will provide one-on-one, systematic guidance and support as faculty members prepare a draft of a proposal that they intend to submit in spring 2025.

Week 16 (January 27, 28)
- Introduction to the ORA team members and their respective responsibilities

Week 17 (February 3, 4) Edwin Johnson
- Morgan State University's history

Week 18 (February 10, 11) Laura Dorsey-Elson
- Best Practices in Pedagogy (more details to be provided later)

Week 19 (February 17, 18) Laura Dorsey-Elson
- Best Practices in Pedagogy (more details to be provided later)

Week 20 (February 24, 25) Laura Dorsey-Elson
- Pedagogical "Open House" – Answering new faculty members' questions

Week 21 (March 3, 4)
- Final session. Confirm proposals in process or submitted. Ask grant-related questions.
- Evaluation