

Morgan State University Faculty Development Workshops

Course name: Grants, Pedagogy, and MSU History 101

Term: Fall 2023 / Spring 2024

Location: Tyler 101 (in person)

Day/Time: Thursdays, 11:30 AM – 12:30 PM (unless otherwise specified)

**Bring: Bring your own laptop computers for active participation
Your lunch (optional)**

Primary Instructors: Farin Kamangar, MD, PhD, CRA
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Edwin Johnson, PhD
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Seminar Series Description:

These seminars are intended to enhance the capacity of MSU faculty members, especially newly hired tenure-track faculty members, to become stronger researchers and educators, and become more familiar with the history, culture, and accomplishments of MSU. The seminars focus on grant writing, as well as achieving excellence in higher education instruction. To provide context of the research mission and pedagogy, one session is dedicated to the history and mission of MSU.

Objectives for Grant Preparation:

1. List some benefits of sponsored projects to the institution, faculty, and students
2. Describe the life cycle of sponsored awards
3. Identify the sources of grant funding, especially those that are targeted toward HBCUs and other minority-serving institutions
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, etc) for grants

Objectives for Pedagogical Enhancement:

1. To discuss the concept of reflective teaching and how it is fostered at Morgan State University
2. To survey selected theory-grounded, 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 various 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, 2024.
- Identify 2 to 3 additional funding opportunities and have 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.

Fall 2023

Week 1 (Oct 12) Farin Kamangar, Gillian Silver

- Provost Yu, Dr. May and Assistant/Associate Deans for Research (invited)
- Introductions (name, department, research interest)
- Review of curriculum
- The purpose of sponsored funds
- The benefits of research to faculty, students, and the institute
- Homework: Study PI Handbook #1

Week 2 (Oct 19) Gillian Silver

- PIVOT-RP, ORCID, ScienCv, Google Scholar
- Homework: If not done, sign up for PIVOT-RP, ORCID, ScienCv, Google Scholar, and appropriate federal databases/systems

Week 3 (Oct 26) Farin Kamangar

- Types of awards
- Funding agencies
- Opportunities for HBCUs in particular
- Homework: Study PI Handbook #1, ORA website

Week 4 (Nov 2) Justin Bonny

- Grant life cycle
- Homework: Study PI Handbook #1

November 9: Founders Day Convocation

Week 5 (Nov 16) Laura Dorsey-Elson

- Reflective Teaching at Morgan State University
- Teaching & Learning Foundations
- Readings & Resources
 - [Understanding the Science of Teaching & Learning](#)
 - [Understanding Your Students & How They Learn](#)
 - [Reflective Teaching](#) (WEBSITE)
 - [Goals, Objectives & Learning Outcomes](#) (VIDEO)

November 23: Thanksgiving Day

Week 6 (Nov 30) Edet Isuk

- Responsible conduct of research
- CITI
- Homework: Sign up for CITI, complete the relevant parts (by February), Study PI Handbook #1
- Homework: Select a topic and a mechanism for grant submission (by January)

Spring 2024

Week 7 (Jan 18, 11 AM to 1 PM) Edwin Johnson

- Morgan State University's history

Week 8 (Jan 25) Gillian Silver, Di Yang

- Budget basics, financial compliance
- MSU and NSF Excel Budget Template
- Homework: Study PI Handbook #1, PI Handbook #2

Week 9 (Feb 1) Laura Dorsey-Elson

- Best Practices in Engaged & Inclusive Teaching
 - Assessing Student Learning
 - Readings & Resources
- [How to Solve the Student Disengagement Crisis](#)
[Inclusive Teaching Practices - ACUE](#)
[Student Assessment in Teaching and Learning](#)

Week 10 (Feb 8) Tracy Rone

- Reading funding announcements
- Grant review criteria
- Homework: Review your FOA for criteria

Week 11 (Feb 15) Claudia Rankins, Falcon Rankins

- NSF CAREER and non-CAREER grants and Excellence in Research

Week 12 (Feb 22) Bryan Fuller

- Library resources for research

Week 13 (Feb 29) Farin Kamangar, invited speakers

- Honors and Fellowships (e.g., AAAS, Fulbright)

Week 14 (Mar 7) Valerie Odera-Marah

- Specific Aims
- Homework: Draft Specific Aims for your grant proposal

Week 15 (Mar 14) Mansoureh Jeihani

- Research plan/research strategy
- Homework: Work on the research plan for your grant proposal

March 21: Spring Break

Week 16 (Mar 28) Gillian Silver

- Ancillary (resources and facilities, biosketches, and letters of support/commitment)
- Homework: Review PI Handbook #2
- Homework: Prepare the relevant documents for your proposal

April 4: Honors Convocation

Week 17 (Apr 11) – Grant-writing working meeting

Week 18 (Apr 18) - Grant-writing working meeting

Week 19 (Apr 25) - Grant-writing working meeting

Week 20 (May 2) - Grant-writing working meeting

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.