

Curriculum Design for Medicine and the Health Sciences

Program Overview

The Curriculum Design Cohort is a 5-month program combining workshops, independent work, and peer observation to help faculty develop advanced teaching and educational program design skills. Participants will learn to facilitate learners' knowledge acquisition, design and assess curricula for educational programs, and incorporate best practices for active learning and technology strategies into curricula.

The goal of this cohort is to enhance and improve teaching skills and design a curriculum that includes evidence-based adult learning strategies, assessments, and programmatic evaluation. In doing so, faculty will develop greater autonomy in developing and maintaining educational programming.

Participants can expect to:

- Develop a curriculum or project.
- Develop a teaching philosophy.
- Implement differentiated pedagogical approaches across common venues and settings.
- Establish an appropriate learning climate.
- Provide learners with effective feedback.
- Incorporate technology into planned learning experiences.
- Share educational products publicly.

Participant Outcomes

Participants will design their educational curriculum throughout the program using backward design principles. By the end of the program, each participant will have a peer-reviewed curriculum model and explore implementation options. Participants will work with instructors to develop learning objectives, evaluate situational factors, examine assessments, plan for instruction using active learning and technology, and evaluate implementation barriers for their educational curriculum based on their interests and career goals. Learners will also develop improved teaching strategies for multiple learning contexts.

Learning Objectives

- Develop an individual teaching philosophy consistent with individual values and identified theoretical frameworks.
- Understand and describe the theoretical frameworks for adult learning.
- Identify the components of course design required for effective curriculum development based on student learning goals.
- Develop a plan for instruction that includes well-conceived and clearly expressed rationale and goal statements.
- Select learner-centered teaching strategies that meet the needs of a given

audience and are consistent with desired educational outcomes.

- Select and develop methods for evaluation of instruction that provide a measure of both instructor, course quality, and effectiveness.
- Recognize the diverse experiences and identities that learners and instructors bring to the learning environment and how those can affect teaching and learning.
- Identify evidence-based resources for curriculum and course planning, implementation, and assessment in higher education.

Eligibility

All faculty in the College of Medicine, including the School of Health and Rehabilitation Sciences (HRS)

Target Audience

Junior Faculty looking to improve teaching skills. Novice and Advanced Beginners in curriculum design.

- *Novices* may be aware of curriculum design but are unable to discuss or apply the skills in any detail.
- *Advanced Beginners* understand and can discuss much but only some of the terminology, concepts, and issues related to curriculum design, but they need to be coached through applying the skills.

Credentials

- Up to 10 total hours of Category 1 CME credit
- Certification from the College of Medicine's Center for FAME and Office of Curriculum and Scholarship
- Official Teaching Endorsement through the University Institute for Teaching and Learning.

Program Requirements

Accepted participants must complete the following requirements to receive certification:

- Attend, in total, a minimum of four of the five face-to-face group workshops
- Attend a minimum of two sessions at the College of Medicine Annual Education Symposium
- Submit a poster (PowerPoint slide) for their curriculum design project
- Present their curriculum design project to the Cohort

Program Dates

Session	Date	Time
Workshop 1	January 8, 2024	1:00 - 4:00 pm
COM Education Symposium	January 25, 2024	TBA*
Workshop 2	February 5, 2024	1:00 - 4:00 pm
Workshop 3	March 4, 2024	1:00 - 4:00 pm
Workshop 4	April 1, 2024	1:00 - 4:00 pm
Workshop 5	May 13, 2024	1:00 - 4:00 pm
Graduation	June 10, 2024	1:00 - 3:00 pm

Request for Applications

Application Elements

The applicant should submit the following materials through Qualtrics (link can be found on the [FAME website](#))

1. Curriculum Vitae
2. Professional Head Shot
3. Narrative Elements
 - a. What is your current experience with teaching and/or contributing to a curriculum? In addition, please list any educational positions you may have held previously. (max 250 words)
 - b. What is your interest in curriculum design, and how do you hope to use the information you will learn in this course? (max 250 words)
 - c. Are you working on a current curriculum/course where you can apply the learning topics for this course? If not, do you have any ideas of curriculum you would like to design using the information in this course? (max 250 words)
 - d. What are your goals and aspirations related to teaching and educational development/leadership? (max 250 words)

The applicant's Division Director or Department Chair must approve that the applicant will be provided the time to attend if accepted into the program. The FAME team will contact the Division Director or Chair for approval if accepted.

Upon submission, the applicant should hold the program dates on their calendar to ensure availability if admitted into the Curriculum Design program.

Timeline

- Submission Deadline: November 10, 2023
- Notification of Acceptance: November 17, 2023
- The program begins in January 2024 and concludes in June 2024