

## Purpose of the Program

*The purpose of this program is to offer a Master in Medical Education degree in order to develop a community of academic medical faculty with formal training in education who will create and sustain a culture of educational excellence within the College of Medicine, the university, and the medical education community at-large.*



## Certificate in Medical Education

OCRME also offers a Medical Education Certificate. To qualify, students must take **four courses** in the Master in Medical Education curriculum. See the Website below for current information regarding the MME or the certificate.

For more information:  
<https://medicine.uiowa.edu/ocrme>  
or contact:  
Jane L. Miller  
319-335-8900  
OCRME  
1204 MEB



## Master in Medical Education Degree (MME)



## Goals of the Program

After completing the requirements for this degree, graduates should be able to:

- Design evidence-based educational programs and materials with appropriate scope, sequence, and focus for intended learners.
- Deliver effective instruction to individuals and small or large groups in classroom, laboratory, or clinical settings.
- Evaluate the effectiveness of educational instruction, using both formative and summative methods.
- Understand basic principles of educational measurement and be able to apply them to medical education.
- Use assessments to promote learning and assess learning progress and status.
- Understand basic principles of educational research and be able to interpret and use educational research.
- Apply the fundamental theories, designs, and methods of program evaluation to the medical education environment.
- Identify current issues in medical education and resources available for monitoring developments in the field.
- Develop skills in reflection on past experience (including skills of self-awareness, self-analysis, and self-evaluation) that results in the ability to generate a new perspective or plan of action.
- Identify the evolving role of technology in medical education and research.

## Description of Program

The program is coordinated through the Office of Consultation and Research in Medical Education (OCRME).

The program requires 30 semester hours. The program can accommodate only a limited number of students and for this reason, admission decisions will be made on a competitive basis.

Preference will be given to applicants demonstrating a satisfactory performance on required professional exams (e.g. MCAT, GRE), successful completion of a terminal degree (e.g. MSW, PharmD, MD, PhD), as well as demonstrated ability to contribute to the educational mission of the College.

In addition to the application form, applicants must submit a 300-500 word personal statement about why they want to participate in the program, provide a letter of support from their Department Head, Fellowship Director, or Residency Director, and include one additional letter of reference.

Students will take seven core courses, in addition to the summative portfolio project and electives.

### CORE COURSES

- Introduction to Educational Measurement in Medical Education
- Current Issues in Medical Education
- Instructional Design and Technology
- Teaching Methods in Medical Education
- Clinical Teaching in Medical Education
- Assessment in Medical Education
- Educational Research and Evaluation

## Program Faculty

**Jane L Miller, PhD**, teaches *Current Issues in Medical Education*, *Simulation in Medical Education*, and co-teaches *Teaching Methods in Medical Education* and *Portfolio*. Dr. Miller is an Associate Professor (Clinical) of Family Medicine and Director of OCRME.

**Patrick Barlow, PhD**, teaches *Educational Research and Evaluation* and co-teaches *Portfolio*. Dr. Barlow is an Assistant Professor of Internal Medicine.

**Clarence Kreiter, PhD**, teaches *Introduction to Educational Measurement* and *Assessment in Medical Education*. Dr. Kreiter is a Professor of Family Medicine.

**Jeffrey Pettit, PhD**, teaches *Instructional Design and Technology*, *Leadership in Medicine* and *Curriculum Development in Medical Education* and co-teaches *Portfolio*. Dr. Pettit is an Associate Professor (Clinical) of Family Medicine and Associate Director of OCRME.

**Marcy Rosenbaum, PhD**, teaches *Clinical Teaching in Medical Education*, *Study in Faculty Development*, *Teaching and Assessing Communication Skills in Medical Education* and co-teaches *Teaching Methods in Medical Education* and *Portfolio*. Dr. Rosenbaum is a Professor of Family Medicine.

