NOTRE DAME OF MARYLAND UNIVERSITY

SCHOOL OF PHARMACY

CTFP at NDMU School of Pharmacy

Contact Information

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Degree Requirements: This fellowship opportunity is open to ***all graduate students and postdoctoral fellows from any discipline area***. No prior teaching experience is required.

Positions Available: Up to 10 participants

Location: Weekly meetings will be held either on Microsoft TEAMS or in person.

Description

The purpose of the fellowship is to provide graduate students and post-doctoral fellows the opportunity to gain the skills, knowledge and attitudes required to become effective teachers. Fellows will work with a variety of experienced faculty, staff and administrators from NDMU, exploring the many facets of teaching and learning. Fellows will be exposed to current pedagogical theory and practice through educational literature, directed observations and hands on activities. This is an unpaid position and there is no direct classroom teaching. Fellows will practice teaching and learning techniques through simulations and assignment.

Learning Objectives

1. Develop a personal teaching philosophy and statement in preparation for application to a faculty position.
2. Apply the steps of backward course design in course development.
3. Describe the major components of a course syllabus and the importance of each.
4. Create a mock course syllabus.
5. Utilize Bloom's revised taxonomy of learning to write lecture and course learning objectives.
6. Identify key components of effective lecture presentation, small group facilitation and interdisciplinary team teaching.
7. Design effective handout and Power Point presentation.
8. Utilize appropriate active learning strategies to enhance student engagement and learning.

9. Choose appropriate instructional technology for course management, content delivery, student learning and assessment.
10. Distinguish between a lecture and a seminar with regards to their purpose and target audience.
11. Develop and deliver a 1-hour mock lecture utilizing best pedagogical practices.
12. Design appropriate methodologies to assess student understanding of lecture and course objectives that are directly linked to course objectives and teaching methodologies.
13. Understand the process of course based laboratory development and delivery.

Time Commitment

In order to participate in classroom observations and meetings with faculty, fellows will be asked to ***spend 2-4 hours/week at Notre Dame***. Faculty mentors are sensitive to the fact that the fellow's primary responsibility is to their lab work and PI. Mentors will work with fellows to ensure that time conflicts are minimized. Their will be a mix of in-person and virtual group meetings throughout the course of the program. A final decision about meeting times and location (in-person/virtual) will be made once fellows have been selected.

Activities

As part of the hands-on component of the internship, fellows will be asked to complete a number of activities that will help them apply what they are learning.

1. Develop a personal teaching philosophy
2. Develop a mock course syllabus in their respective discipline areas
3. Develop and deliver a mini lecture on a topic that pertains to their mock course, utilizing both basic classroom active learning techniques and appropriate educational technology
4. Develop relevant course assessments that are linked to lecture and course objectives.
5. Complete class room observations of courses that utilize traditional lecturing, interdisciplinary team teaching and small group facilitation.

Tentative Schedule of Topics

Date	Topic
TBD	**Orientation/Developing your personal teaching philosophy Part 1**
TBD	**Developing your personal teaching philosophy Part 1/New Course Development**
TBD	**Backwards Course Design** **https://www.youtube.com/watch?v=4isSHf3SBuQ** **https://www.youtube.com/watch?v=vgNODvvsgxM** **Understanding By Design Article**

TBD	**Backwards Course Design**
TBD	**Utilizing Blooms Revised Taxonomy**
TBD	**Active Learning in the Classroom**
TBD	**Ethical Practices in College Teaching**
TBD	**Preparing and utilizing teaching and learning materials**
TBD	**Classroom observation: Lecture with Active Leaning**
TBD	**Flipped Classroom Models of Teaching and Learning**
TBD	**Classroom Management**
TBD	**THANKSGIVING**
TBD	**Student Accessibility and Health Promotion**
TBD	**OFF FOR FINALS AND WINTER BREAK**
TBD	**Use of Educational Technology**
TBD	**Metacognition and Learning**
TBD	**Student Advising and Mentoring**
TBD	**Assessing Student Learning**
TBD	**Basics of Interdisciplinary/Team Teaching**
TBD	**Classroom Observation: Pharmacotherapeutics**
TBD	**Developing a Laboratory Based Course**
TBD	**Laboratory Observation**
TBD	**Your first year as a faculty member**
TBD	**Mock Lecture Presentation**
TBD	**Looking for your first teaching position/Teaching Philosophy**