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Loyola University Chicago Stritch School of Medicine

*Promoting innovation, best practices, and leadership in medical
and related health sciences education*

Announcing Faculty Development Certificate Programs

The **Leischner Department of Medical Education (DOME)** offers certificate programs designed to enhance your scholarly activity related to medical education. The certificate programs are designed to provide a foundation in academic skills and leadership with direct application to medical students, residents, fellows and physicians. Experts will present on a range of topics in medical education in a framework that guides scholarly activity.

The certificate programs will enhance the knowledge and skills each participant brings to the classroom and to their academic careers, which will further promote a learning community environment. The program will be highly interactive with the expectation of concept application in the workplace.

Upcoming scheduled certificate programs:

- **Foundations of Medical Education Research** (September – December 2020)
- **Developing Clinical Educators in Academic Medicine** (January – March 2021) Assistant Professors Only
- **Statistical Analysis for Research in Medical Education I** (January – February 2021)
- **Curriculum Development for Medical Education** (April – June 2021)
- **Statistical Analysis for Research in Medical Education II** (April – May 2021)

Objectives: At the end of each certificate program, participants will be able to:

1. Analyze issues in medical education pedagogy.
2. Develop strategies to improve pedagogy and gather relevant educational data.
3. Participate in the community of Stritch faculty who engage in scholarly activity related to medical education.

Participants will receive a certificate of completion for each of the programs.

As a valued faculty member of Loyola, the certificate programs are offered at no cost.

The faculty development certificate programs are approved for physician compensation points.

Upcoming Certificate Program, September – December 2020

FOUNDATIONS OF MEDICAL EDUCATION RESEARCH

(Tuesdays, 5:30-7:00pm: September 15, 29 October 13, 27, November 17, 2020)

Experts will present on a range of topics in medical education and frameworks that guide scholarship. You will also develop a research question related to your pedagogical interests over the course of the program and each session will include small group discussions of these developing projects. Completion of the program will equip the participant to join the community of Stritch faculty who engage in scholarly activity through the Leischner Department of Medical Education quarterly medical education research meetings.

See back page for upcoming certificate program descriptions and registration information.

<https://ssom.luc.edu/medicaleducation/certificateprograms>

Upcoming Certificate Programs

Developing Clinical Educators in Academic Medicine **OPEN TO ASSISTANT PROFESSORS ONLY**

(Tuesdays: January 5, 19, February 2, 16, March 2, 16, 30, 2021)

Although physicians gain clinical knowledge to become board certified in their specialty, this does not necessarily mean they receive adequate instruction on working with learners in an academic environment or personal professional development. With this in mind we developed a certificate course addressing the development of clinical educators in an academic environment.

Statistical Analysis for Research in Medical Education I

(Wednesdays: January 13, 27, February 10, 24, 2021)

Participants will acquire skills and knowledge that will enable them to manage common statistical tasks that confront researchers in the health and biological domains. From this, participants will be better prepared to interpret research journal articles and to conduct their own data analysis. Topics include: Data Analysis, Probability, Hypothesis Testing, Student t-Tests.

Curriculum Development for Medical Education

(Tuesdays: April 6, 20, May 4, 18, June 1, 15, 29, 2021)

Faculty actively involved within the medical school curriculum will help guide participants through the “Six-Step Approach” popularized by Dr. David E. Kern and his book will serve as a reference and a guide. All participants are assigned to a team and provided an existing SSOM curriculum (foundational science or clinical focus) that they will use as they work through each of the curriculum six-steps and at the final session provide recommendations as to how each aspect of the curriculum can be enhanced or sustained.

Statistical Analysis for Research in Medical Education II

(Wednesdays: March 31, April 14, 28, May 12, 26, 2021)

Participants will acquire skills and knowledge that will enable them to manage common statistical tasks that confront researchers in the health and biological domains. From this, participants will be better prepared to interpret research journal articles and to conduct their own data analysis. Topics include: Analysis of Variance, Factorial Analysis, Linear Correlation, Regression, Chi Square Test.

You must commit to attending the evening sessions to receive full certificate credit. You may miss one session or come late to one session. **All certificate programs are scheduled bi-weekly beginning at 5:30pm and end at 7:00pm.** Sessions will be held asynchronously and synchronously online.

REGISTER AT THE WEB SITE:

<https://ssom.luc.edu/medicaleducation/certificateprograms>

Accreditation:

The Loyola University Chicago Stritch School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Loyola University Chicago Stritch School of Medicine designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



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Questions? Contact Program Coordinator,
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