



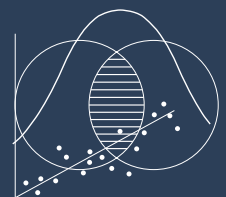
# 2019-2020 SEMCME Research Workshop Series & Forum



Presented by the SEMCME Research Committee

Held at St. Mary Mercy Hospital, Livonia, MI

Incorporates the  
ACGME General  
Competencies  
Select Topics





2019–2020 SEMCME

# Research Workshop Series & Forum

## About the Workshop Series

Each year the Research Committee of the Southeast Michigan Center for Medical Education (SEMCE) conducts this workshop series to help residents learn the fundamentals of research methodology through comprehensive discussion coupled with relevant research study examples. The emphasis in each of the sessions is on the research process including defining and assessing the problem, planning the study, implementing and analyzing outcomes, and communicating results. The Workshop Series will allow residents the opportunity to interact with faculty in SEMCE with research expertise who will provide limited research project guidance.

The SEMCE Research Workshop Series incorporates Practice-Based Learning (PBL) and Communication (C) from the ACGME General Competencies. Workshops will cover:

- PBL1.** *Analyzing and performing practice-based activities using a methodology system.*
- PBL3.** *Obtaining and applying scientific evidence related to patients' health while applying information to a larger patient base.*
- PBL4.** *Applying knowledge of study designs and statistical methods to evaluate published clinical studies and other information on diagnostic and therapeutic effectiveness.*
- C2.** *Use effective listening skills and provide information using effective writing skills.*

### Certificate of Completion

Each resident completing the Workshop Series during the course of his/her residency program shall receive a certificate of completion.

### Locations

#### Workshops I, II, and III

Each workshop will be held at St. Mary Mercy Hospital in Livonia, MI. The workshops will take place in the South Auditorium, Lower Level. An email with a map and parking instructions will be sent out prior to each session.

**St. Mary Mercy Hospital – Livonia**  
**36475 Five Mile Road**  
**Livonia, MI 40154**

#### SEMCE Research Forum

The annual SEMCE Research Forum and Lecture will be held on Wednesday, May 20, 2020, at Lovett Hall, at the Henry Ford Museum in Dearborn, MI. Further details will be forthcoming.

BeRemarkable.





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## Schedule of Workshops I, II, and III

St. Mary Mercy Hospital, Livonia, MI  
Registration and light lunch begin at noon.

### Workshop I: October 2, 2019

12:30 - 4:00 pm

#### OVERVIEW OF RESEARCH

This session will give an overall approach to the research process from a resident's point of view. Discussion will focus on the following: preliminary consideration prior to conducting research, establishing a research hypothesis and related objectives, and consideration regarding establishing an overall approach and design to a research project.

- **Research from a Resident's Perspective** *Angela Collins, MD, PhD*
- **From Research Question to Presentation: Snapshot of a Research Project** *Ruth Moore, PhD*
- **Designing a Study to Answer a Research Question and Test a Hypothesis** *Carlos Rios-Bedoya, MPH, ScD*
- **How to Design a Study Related to Quality/Patient Safety** *Lisa Dillon, PhD*

### Workshop II: November 6, 2019

12:30 - 4:00 pm

#### RESEARCH DESIGN, STATISTICAL ANALYSIS, APPLICATION OF RESULTS

This session will teach the necessary steps in designing your research study along with an introduction to statistical methods and their application.

- **Writing a Protocol** *Carlos Rios-Bedoya, MPH, ScD*
- **Overview of Statistics** *Karen Hagglund, MS*
- **Critiquing the Medical Literature** *David Sengstock, MD*
- **Big Data** *Ramin Homayouni, PhD*
- **Applying Evidence Based Medicine to Clinical Practice** *Alexandra Halalau, MD*

### Workshop III: December 4, 2019

12:30 - 4:00 pm

#### WRITTEN AND ORAL PRESENTATION OF SCIENTIFIC RESEARCH

Communicating research findings will be discussed including writing effective case reports and abstracts, composing outstanding oral and poster presentations, and preparing articles for publication in scientific journals.

- **Writing a Case Report** *John O'Brien, MD*
- **Writing an Abstract for a Scientific Meeting** *Virginia Uhley, PhD*
- **Effective Oral Presentation and Use of AV Communications** *Daniel Keyes, MD, MPH*
- **Effective Poster Design and Presentation** *Anupam Suneja, MD*
- **Preparing Articles for Publication** *Jeffrey Flynn, PhD*



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## Online Workshop Materials



There will be no printed handouts. Participants are REQUIRED to print out or download the workshop materials prior to the event. Participants should come with a fully charged electronic device. The handouts will be posted on the SEMCME website ([www.semcme.org](http://www.semcme.org)) the week of each workshop for downloading or printing. An additional confirmation email will also be sent the week of the workshop, and will include how to obtain handouts.

## Registration

The course is free to all SEMCME members. Non Members can register for \$75 per session. We need your advanced registration to prepare course materials and complete additional arrangements.

### How to Register

Please register online at [www.semcme.org](http://www.semcme.org).

### REGISTRATION DEADLINES ARE LISTED BELOW:

Workshop I - Monday, September 23, 2019

Workshop II - Monday, October 28, 2019

Workshop III - Monday, November 25, 2019

### Tips for Registering Online

- 1) The platform is not supported by Internet Explorer, so be sure to use Google Chrome (1st choice) or Mozilla Firefox as your web browser.
- 2) Go to your history and clear cache – you may be trying to load an old page instead of the most up-to-date page (in Chrome, clear history/cache through menu in the upper right corner). Shift F5 may clear your cache, as well.
- 3) If you encounter other problems registering or need to cancel your registration, please send an email to [semcme@med.wayne.edu](mailto:semcme@med.wayne.edu) or call the SEMCME main line at (313) 577-1297.



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# Research Workshop Series & Forum



## SEMCME Research Forum

Lovett Hall, at the Henry Ford Museum

20900 Oakwood

Dearborn, Michigan 48124

Wednesday, May 20, 2020

8:00 am – 2:00 pm



The Forum was established in 1978 to recognize the research efforts of the resident-in-training in the SEMCME member hospitals. The papers and posters presented at the forum represent the best resident research selected from clinic day competition at each member hospital. The papers and posters will be judged on originality, quality of research, and effectiveness of presentation. More information to come Spring 2020.





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# Research Workshop Series & Forum

## Faculty

### **Angela Collins, MD, PhD**

Orthopaedic Surgery Resident  
McLaren Flint  
Flint, MI

### **Lisa Dillon, PhD**

Associate Vice President  
Academic Affairs;  
Associate Designated  
Institutional Official  
Detroit Medical Center  
Detroit, MI

### **Jeffery Flynn, PhD**

Director of Scholarly Inquiry  
Ascension Providence Hospital, Southfield  
Southfield, MI

### **Karen Hagglund, MS (Chair)**

Medical Researcher  
Department of Medical Education  
Ascension St. John Hospital  
Detroit, MI

### **Alexandra Halalau, MD**

Internal Medicine  
Beaumont Hospital, Royal Oak  
Royal Oak, MI

### **Ramin Homayouni, PhD**

Professor, Foundational Medical Studies  
Director, Population Health Informatics  
Oakland University William Beaumont  
School of Medicine  
Rochester, MI

### **Daniel Keyes, MD, MPH**

Associate Chair of Academic Affairs  
Department of Emergency Medicine  
St. Mary Mercy Hospital  
Livonia, MI

### **Ruth Moore, PhD**

Research Director Emeritus  
Ascension St. John Hospital  
Detroit, MI

### **John O'Brien, MD**

DIO for ACGME Program-Director  
Of Medical Education  
St. Mary Mercy Hospital  
Livonia, MI

### **Carols Rios-Bedoya, MPH, ScD**

Director of Scholarly Activity  
McLaren Health  
Lansing, MI

### **David Sengstock, MD**

Director of Research  
Beaumont Hospital, Dearborn  
Dearborn, MI

### **Anupam Suneja, MD**

Associate Program Director  
of Internal Medicine  
St. Joseph Mercy Ann Arbor  
Ann Arbor, MI

### **Virginia Uhley, PhD**

Assistant Professor,  
Biomedical Sciences  
Nutrition Discipline Director,  
Co-Course Director Endocrinology  
Co-Course Director Promotion and  
Maintenance of Health  
Oakland University William Beaumont  
School of Medicine  
Rochester, MI





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# Research Workshop Series & Forum

## SEMCME Research Committee

### **Lisa Dillon, PhD**

Academic Director  
Graduate Medical Education  
Detroit Medical Center  
Detroit, Michigan

### **Karen Hagglund, MS (Chair)**

Medical Researcher  
Department of Medical Education  
Ascension St. John Hospital  
Detroit, Michigan

### **Alexandra Halalau, MD**

Internal Medicine  
Beaumont Hospital, Royal Oak  
Royal Oak, Michigan

### **Barbara Higgins, RN, BSN, CCRC**

Clinical Research Nurse Educator and  
Administrative Nurse Manager  
Research Institute  
Beaumont Hospital, Royal Oak  
Royal Oak, Michigan

### **Kedar Inamdar, MD**

Program Director, Pathology  
Henry Ford Hospital  
Detroit, Michigan

### **Rana Ismail, PhD**

Research Director  
DMC Sinai-Grace Hospital  
Detroit, MI

### **Nancy Jackson, PhD**

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### **Nadia Juzych, PhD**

Project Manager  
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for Medical Education  
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### **Daniel C. Keyes, MD, MPH**

Associate Chair for Academic Affairs  
Department of  
Emergency Medicine  
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Livonia, Michigan

### **Pranay Korpole, MD**

Chief Resident  
St. Mary Mercy Hospital  
Livonia, MI

### **John McKinnon, MD**

Staff, Infectious Disease  
Henry Ford Hospital  
Detroit, Michigan

### **John O'Brien, MD**

DIO for ACGME Program-Director  
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### **Carlos Rios-Bedoya, MPH, ScD**

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Dearborn, Michigan

### **Kate Sheppard, MSW, MPH**

Executive Director  
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Detroit, MI

### **Allen Silbergleit, MD, PhD**

Consulting Member  
Chair of Division of  
General Surgery Program  
Director Emeritus, General Surgery  
Residency Program  
St. Joseph Mercy Oakland  
Pontiac, Michigan

### **Wilbur Smith, MD**

Director of Medical Education  
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Pontiac, Michigan

### **Anupam Suneja, MD, MPH**

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St. Joseph Mercy Ann Arbor  
Ann Arbor, Michigan

### **David Svinarich, PhD**

Vice President of Research  
Ascension Providence Hospital, Southfield  
Southfield, Michigan

### **Virginia Uhley PhD, RDN**

Assistant Professor,  
Biomedical Sciences  
Nutrition Discipline Director  
Co-Course Director Endocrinology  
Co-Course Director Promotion  
and Maintenance of Health  
Oakland University  
William Beaumont School of Medicine  
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### **Thomson Sam Varghese, MD**

Internal Medicine, Chief Resident  
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Livonia, Michigan

### **Tracy Wunderlich-Barillas, MA**

Director of Research Training  
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Beaumont School of Medicine  
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