



The 6th ANNUAL MEDICAL EDUCATION DAY

NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE

Robert H. Lurie Medical Research Center, 1st Floor

303 East Superior Street

Friday, September 30th, 2016

CONFERENCE BROCHURE

Medical Education Day is our annual celebration of outstanding teaching and scholarship by faculty, housestaff, and students. The conference will feature:

A morning peer review skills workshop

A lunchtime keynote lecture

Afternoon workshops and innovative didactic presentations

A closing reception with awards for teaching and educational research

There is something to interest every learner level, from experienced faculty members to novice educators and students!

Free, online registration is required for workshop presentations with limited space. Sign-up early!

Detailed session descriptions are offered on the following pages of this program brochure.

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Lurie Research Center, 303 E. Superior St, 1st Floor

	Lurie Research Center Atrium	Hughes Auditorium	Baldwin Auditorium	Gray Seminar Room	Searle Seminar Room
TIME					
9:30 am - 10:00 am	Become a <i>Truly Expert</i> Peer Reviewer Workshop Presented by <i>Academic Medicine</i> and FAME				
10:00 am - 11:30 am			Medical Education Certificate Program Orientation (for accepted participants) Karen Mangold, MD, MEd		
11:30 am - 12:00 pm	Break				
12:00 pm - 1:00 pm		TIME Lecture Series Keynote Address: Health Care Delivery and Medical Education: Allies, Enemies or Passengers on a Bus David Sklar, MD			
1:00 pm - 1:10 pm	Break				
1:10 pm - 1:55 pm	Moderated Oral Research Presentations	Faculty Development Workshop: Getting Promoted as a Medical Educator Walter Eppich, MD, MEd	Intersection of Quality Care and Surgical Resident Teaching on Rounds James Schroeder, Jr., MD		Workshop: Learning as Theater – Teaching as Performance Ricardo Rosenkranz, M.D. Ross Johnson
1:55 pm - 2:25 pm			Problem-Based Learning in the PA Program: A Brief Overview Kris Healy MPH, PA-C		
2:25 pm - 2:35 pm	Break				
2:35 pm - 3:35 pm	Moderated Oral Research Presentations	Medical Education Certificate Program Overview (Faculty Only) Walter Eppich, MD, MEd	Item Writing Workshop Patricia Garcia, MD, MPH Marianne Green, MD	Deliberate Practice in Simulation-Based Mastery Learning Jeffrey Barsuk, MD David Salzman, MD, MEd	Match Making in Medical Education Research Medical Education Student Interest Group
3:35pm - 3:45 pm	Break				
3:45 pm - 4:15 pm	Moderated Oral Research Presentations and Ultra-Short Didactic Lectures, Powered by PechaKucha	Thinking Qualitatively about Educational Research in Healthcare Walter Eppich, MD, MEd	TBL Workshop - Learn the Basics of transforming your lecture into an interactive team-based learning session Patricia Garcia, MD, MPH	Deliberate Practice (Part II)	Certifiably Excellent Programs for McGaw Trainees Ashti Doobay-Persaud, MD
4:15 pm - 5:00 pm				FIRST Trial Research Projects	Teaching the Teachers – The AAOS (and Northwestern) 50 Year Milestone John Sarwark, MD and Michael Schafer, MD
5:00pm - 6:00pm	Closing Reception: Educator Awards and Recognition				

9:30am - 11:30am

Lurie Atrium

Become a Truly Expert Peer Reviewer Workshop, Presented by *Academic Medicine* and FAME

David P Sklar, MD – Editor in Chief, *Academic Medicine*, and Distinguished Professor Emeritus, University of New Mexico HSC

Dr. Sklar and the Feinberg Academy of Medical Education (FAME) will host this workshop in which participants will work in groups to learn about the peer review process. Participants will practice improving submissions and learn to navigate the review process for their own papers. Dr. Sklar will provide an overview and some materials for participants, who will have the opportunity to review papers along with him. The workshop is open to all FSM faculty. Space is limited and [registration is required](#). Continental breakfast will be available for all registrants.

10:00am - 11:30am

Baldwin Auditorium

Medical Education Certificate Program Orientation (For Accepted Participants Only)

Karen Mangold, MD, MEd – Assistant Professor of Pediatrics (Emergency Medicine)

Dr. Mangold will provide an orientation session for the new medical education certificate program.

12:00pm - 1:00pm

Hughes Auditorium

THE TIME LECTURE SERIES - KEYNOTE ADDRESS “Health Care Delivery and Medical Education: Allies, Enemies or Passengers on a Bus”

David P Sklar, MD – Editor in Chief, *Academic Medicine*, and Distinguished Professor Emeritus, University of New Mexico HSC

At the end of this presentation, participants will be able to: (1) identify where the goals of medical education and health care delivery converge, diverge and overlap; (2) discuss how to align medical education with new care delivery models and payment incentives; (3) provide examples of how medical education is affecting the trajectory of health reform through Quality Improvement, Diffusion of Innovation and Population health management. All members of the Feinberg community are welcome to attend this important keynote address. [Registration is required](#). Boxed lunches will be available for all registrants.

1:10pm - 2:25pm

Hughes Auditorium

Faculty Development Workshop: Getting Promoted as a Medical Educator

Walter Eppich, MD, MEd – Associate Professor of Pediatrics (Emergency Medicine) and Medical Education, Director of Faculty Development

This is the first of the 12-session Feinberg Medical Educator Training Program. After this workshop, participants will be able to (1) outline the expectations for academic promotion in the clinician educator track at Feinberg; (2) identify opportunities to develop areas of sustained excellence and achievement in education; (3) access resources within the Department of Medical Education and Feinberg. This interactive workshop is open to all Medical Education Day participants. [Registration is required.](#)

1:10pm - 2:25pm

Searle Seminar Room

Workshop: Learning as Theater – Teaching as Performance Insights from the Performing Arts towards Creating Improved Educational Experiences

**Ricardo T. Rosenkranz, MD – Clinical Assistant Professor of Pediatrics
Ross Johnson – Professional Magician**

Participants in this workshop will spend meaningful time with highly sought-after, internationally recognized magicians. They will witness the performances that have made them famous and gain an understanding of how they structure effects and shows that captivate audiences. They will also learn techniques used by successful magicians to deliver memorable content. Finally, learners will gain insight into how medical educators can utilize some of these techniques to create and deliver high impact sessions. All Medical Education Day participants are welcome to attend.

1:10pm - 1:55pm

Baldwin Auditorium

Intersection of Quality Care and Surgical Resident Teaching on Rounds

James Schroeder, Jr., MD, Associate Professor of Otolaryngology - Head and Neck Surgery and Medical Education

The impact of quality educational experiences for trainees during patient rounds on the institution's ability to deliver effective high quality care will be explored. The argument for adding educational excellence to clinical/surgical skill and teamwork skills to the list of core competencies needed to deliver high quality care will be made. Educational theory as well as tips to improve teaching skills on rounds will be discussed. All Medical Education Day participants are welcome to attend.

Moderated Oral Research Presentations

Presenters will be allowed 12 minutes to describe the findings of their medical education research using a standard oral research presentation format. Our presenters were selected from a pool of applicants who submitted their proposals for consideration. “Best Research Presentation” will be awarded at the faculty, housestaff, and student levels.

This track is open to all members of the FSM community and registration is NOT required.

Please note: There will be no poster presentations at medical education day. All research presentations will occur in this moderated oral presentation format only.

- 1:10 **Findings from Searle Teaching Fellowship**
Malika Shah, Assistant Professor, Pediatrics – Neonatology
- 1:22 **Findings from Searle Teaching Fellowship**
Margaret Chapman, Instructor, Medicine
- 1:34 **Expanding Healthcare Modalities: Fellowship Training in Integrative Medicine**
Sreela Namboodiri, Resident, Family Medicine
- 1:46 **Evaluating the Portfolio’s Ability to Identify Behaviors that Persist into Clerkships**
Celia O'Brien, Instructor, Medical Education
- 1:58 **The Sibs Program: A Peer Mentorship Program for Medical School Immersion**
Gabriel Arenas, Medical Student, Feinberg School of Medicine
- 2:10 **Instructional Musculoskeletal Physical Examination Videos Increased First-Year Medical Students’ Confidence in Exam Skills but Did Not Improve Objective Exam Interpretation: A Survey-Based Study**
Abby Cheng, Resident, Physical Medicine and Rehabilitation
- 2:25 **Break**
- 2:35 **Clinician Educator Elective for Pediatric Residents: Curriculum Development**
Robyn Bockrath, Instructor, Pediatrics Hospital Based Medicine
- 2:47 **Impact of Critical Care Rotation on Resident Mental Health and Burnout**
Katie Wolfe, Fellow Pediatrics – Critical Care
- 2:59 **Development of a Web-Based Assessment Method for Trainees in Pediatric Pathology**
Nicoleta Arva, Assistant Professor, Pathology
- 3:11 **Quality Improvement Project to Increase Patient-Student Continuity of Care in Education-Centered-Medical Home**
Annette Dekker, Medical Student, Feinberg School of Medicine
- 3:23 **What Effect does a Smartphone Application Have on Direct Observation Narrative Feedback?**
Allison Deneen, Program Coordinator, Office of Medical Education
- 3:35 **Break**

- 3:45 **Combined Didactic and Simulation Program for Training Junior Residents to Perform Closed Reduction Percutaneous Pinning of Supracondylar Humerus Fractures**
Bennet Butler, Resident, Orthopaedics
- 3:52 **Bringing out the Advocate in Us All: Building a Resident Advocacy Curriculum**
Maura Quinlan, Assistant Professor, Obstetrics and Gynecology (General)

1:55pm - 2:25pm

Baldwin Auditorium

Problem-Based Learning in the FSM PA (Physician Assistant) Program: A Brief Overview

Kristine Healy, MPH, PA-C, Assistant Professor of Medical Education (Physician Assistant Program)

Problem-based learning (PBL) is described as discovery learning which helps students, in small groups with a faculty tutor/guide, “develop scientific thinking about patient problems and to acquire basic science and clinical information in a manner that ensures retention and transfer to the real-life task of the clinician.” At the conclusion of this session, participants will be able to: (1), identify key components of PBL; (2) describe PBL educational methodologies and resources utilized by the FSM PA Program throughout the pre-clinical year curriculum; (3) describe national benchmarks utilized by the FSM PA Program as part of its self-assessment of curriculum, student and graduate outcomes. All Medical Education Day participants are welcome to attend.

2:35pm - 3:35pm

Hughes Auditorium

Medical Education Certificate Program Overview (For Faculty Only)

Walter Eppich, MD, MEd – Associate Professor of Pediatrics (Emergency Medicine) and Medical Education, Director of Faculty Development

Dr. Eppich will provide an overview of the new medical education certificate program. The 2-year medical education certificate program seeks to prepare clinical educators for excellence in teaching practice. During the program, faculty will participate in a variety of learning and teaching activities. Several components will serve to demonstrate a trajectory of educational excellence: directly observed teaching, reflections on teaching and learning, creation of a scholarly educational project, and compilation of an educational portfolio. All Medical Education Day participants are welcome to attend.

2:35pm - 3:35pm

Baldwin Auditorium

Item Writing Workshop

Patricia Garcia, MD, MPH – Professor of Obstetrics and Gynecology (Maternal Fetal Medicine) and Medical Education

Marianne Green, MD – Associate Professor of Medicine (General Internal Medicine and Geriatrics) and Medical Education

Faculty will lead an exam item-writing workshop. Workshop leaders will provide templates and suggestions for writing effective multiple choice questions (MCQ) and work through common pitfalls and how to correct them. Participants are welcome to submit MCQ questions ahead of time. All Medical Education Day participants are welcome to attend.

2:35pm - 3:35pm

Searle Seminar Room

Match Making in Medical Education Research

Abigail Short –Medical Student, FAME Member and President of the Northwestern University Medical Education Student Interest Group

Abigail Short will host facilitated conversations between medical students and potential research mentors in the field of medical education research. Registered students will discuss research projects of all complexities and duration. This is designed as a "speed-dating" event with short (<10 minutes) one-on-one conversations between students and mentors regarding potential research opportunities. If both parties are interested, they will follow-up in more detail afterwards.

2:35pm - 4:05pm

Gray Seminar Room

Deliberate Practice in Simulation-Based Mastery Learning

Jeffrey Barsuk, MD – Professor of Medicine-Hospital Medicine and Medical Education, Director of Simulation and Patient Safety

David Salzman, MD, MEd – Assistant Professor of Emergency Medicine and Medical Education, Director of Simulation for Undergraduate Medical Education

Dr. Barsuk and Dr. Salzman will lead this interactive hands-on simulated medical education training session. At the end of this session, participants will understand the basic principles of mastery learning and how to coach deliberate practice.

3:45pm - 5:00pm

Hughes Auditorium

Thinking Qualitatively About Educational Research in Healthcare

Walter Eppich, MD, MEd – Associate Professor of Pediatrics (Emergency Medicine) and Medical Education, Director of Faculty Development

Kenzie Cameron, PhD, MPH – Research Professor of Medicine (General Internal Medicine and Geriatrics), Medical Social Sciences and Preventive Medicine

Research in healthcare has been dominated by quantitative paradigms, which have gone a long way in advancing the science of health professions education. As our field matures, however, questions are emerging that may be best explored and answered at least in part through qualitative methodologies. After this session, participants will be able to answer the following questions: (1) What is qualitative research? (2) How does worldview impact research paradigms? (3) What qualitative methodologies/methods are available? (4) How is qualitative data analyzed? All Medical Education Day participants are welcome to attend.

3:45pm - 4:15pm

Baldwin Auditorium

TBL Workshop - Learn the Basics of Transforming your Lecture into an Interactive Team-Based Learning Session

Patricia Garcia, MD, MPH – Professor of Obstetrics and Gynecology (Maternal Fetal Medicine) and Medical Education

TBL offers one option for promoting more efficient and effective learning through student engagement and interactivity during class time. This workshop will enable participants to learn how to prepare and implement the basic components of Team-Based Learning by participating in a TBL session. A small amount of pre-work will be sent to registered participants. After the workshop, participants will be able to sign up for future individual mentoring sessions to assist them with converting their specific lectures to TBL sessions. All Medical Education Day participants are welcome to attend.

Certifiably Excellent Programs for McGaw Trainees

Ashti Doobay-Persaud, MD – Assistant Professor of Hospital Medicine

This presentation aims to outline the process of designing and assessing a certificate program for GME trainees using the McGaw Global Health Clinical Scholars Program as a case study. The first part of the talk will describe the practical steps required to create a successful program and will include determining the needs of the targeted learners to navigating the institutional process and all of the intermediate steps. The second part of the talk will describe the specific components of the GHCS program including lectures (core, peer and specialty), web-based training modules, simulation training, field experience, and a scholarly project with a focus on evaluation. The presentation will conclude with recommendations for next steps for the program, further evaluation, an introduction to McGaw's Certificate portfolio and advice for building similar programs. All Medical Education Day participants are welcome to attend.

Teaching the Teachers –The AAOS (and Northwestern) 50 Year Milestone

John Sarwark, MD – Professor of Orthopaedic Surgery

Michael Schafer, MD – Professor of Orthopaedic Surgery

The AAOS initiated its Basic Course for Orthopaedic Educators in 1966 and since that time the course has endured. It is highly valued, receiving feedback and comments such as '...the best of any course I have ever attended' and '...career and life changing.' The course aims to give knowledge to new and old faculty as well as tools, skills and concepts to understand a variety of approaches to teaching residents; develop appropriate program planning and curricula to facilitate resident learning; develop educational experiences to afford residents to achieve their competency goals; integrate core competencies into resident training; develop strategies to evaluate resident learning; evaluate one's own current teaching effectiveness; and communicate education concepts. This year marks a milestone for the Basic Educators Course, the oldest of any U.S. GME Specialty or Primary Care faculty education course, a milestone to be celebrated. Dr. Schafer and Dr. Sarwark of NUFSM, multi-year faculty of the AAOS Course, will present their experiences. All Medical Education Day participants are welcome to attend.

Ultra-Short Didactic Lectures, Powered by PechaKucha

The “Pecha Kucha Style” allows for 20 slides to be shown for 20 seconds each and slides auto-advance during the presentation. These ultra-short didactics last only 6 minutes and 40 seconds. It’s much tougher than you think! Our presenters were selected from a pool of applicants who submitted their proposals for a “Pecha Kucha” on the medical education topic of their choice. Awards will be given to the best presenters at the faculty and housestaff/student levels. This track is open to all members of the FSM community and registration is NOT required.

4:10 **Development of a Standardized Simulation-Based
Ultrasound Guided IV Curriculum: a Novel Solution to
Difficult Access?**

Ashley Amick Resident, Emergency Medicine/Internal
Medicine

4:17 **Should Intraoperative Videos be a Mandatory Component
of Surgical Certifying Exams?**

Jonah Stulberg, Assistant Professor, Surgery

4:24 **Keeping you on Your Toes: Why Bringing Spontaneity to Morning Report Conferences for
Trainees is fun... and Educational**

Lindsay Koressel, Instructor, Pediatrics

4:31 **What is a Rheumatologist and how do we Make one?**

Calvin Brown Jr., Professor, Rheumatology

4:38 **A Second Opinion on Student Leadership: Applying the Management Consulting Model to
Medical Education and Service**

Cecil Shuo Qiu, Medical Student, Feinberg School of Medicine

4:45 **Promoting Medical Student Interest and Involvement in Basic Science Research**

Prarthana Dalal, Medical Student, Feinberg School of Medicine

4:52 **Embracing Uncertainty in the Intensive Care Unit**

James Walter, Resident, Pulmonary and Critical Care



4:25pm - 5:00pm

Gray Seminar Room

FIRST Trial Research Projects

4:25 Overview of the FIRST Trial

Karl Bilimoria, MD, MS, John Benjamin Murphy Professor of Surgery

4:30 How Surgical Residents Utilize Duty Hour Limits - The Flexibility in Duty Hour Requirements for Surgical Trainees (FIRST) Trial

Christopher Quinn, Statistical Analyst, Surgery

4:37 When are Duty Hours Too Restrictive? The Need for a Qualitative Perspective on Surgical Resident Training, Wellbeing and Patient Care

Lindsey Kreutzer, Project Manager, Surgery

4:45 PGY Level Differences in Resident Perceptions of Duty Hour Policies During the FIRST Trial

Anthony Yang, Assistant Professor, Surgery

5:00pm - 6:00pm

Lurie Atrium

CLOSING RECEPTION & AWARDS

This year's closing reception will include FSM Teaching Awards, recognition of FSM faculty members recently promoted in the Clinician Educator track, and the FAME New Member Induction.

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NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE

Intended Audience

Medical Education Day is open to all members of the Feinberg community, including students, faculty and staff. We welcome participation from educators at all Feinberg affiliated teaching sites, including Northwestern Medicine, Ann and Robert H. Lurie Children's Hospital of Chicago, and McGaw Center for Graduate Medical Education.

Free, online registration is required for workshop presentations with limited space.

Sponsorship

Medical Education Day is sponsored by the [Department of Medical Education](#) at Northwestern University Feinberg School of Medicine, [Northwestern Simulation](#), and [Feinberg Academy of Medical Educators \(FAME\)](#).

For more information about Medical Education Day, visit our [website](#).

TIME Keynote Lecture Disclaimers:

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates the TIME Keynote Address for a maximum of 1 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. CME credit is only available for the TIME Keynote Address.

Disclosure Statement

Dr. David Sklar has nothing to disclose. The course director, Dr. Michael Gisondi, has nothing to disclose. FSM's CME Leadership and Staff have nothing to disclose: Clara J. Schroedl, MD, Medical Director of Continuing Medical Education, Sheryl Corey, Manager of Continuing Medical Education, Jen Banyas, Rhea Alexis Banks, and Allison McCollum.

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

TIME: Today's Innovations in Medical Education

TIME is a lecture series for all members of the Feinberg community who share a passion for medical education. The lecture series is sponsored by the Feinberg Academy of Medical Educators (FAME). The series features a mix of presentation formats to highlight advances in technology, new pedagogy, and emerging best practices in health professions education.

[The TIME lectures](#) occur monthly on the third Tuesday, at 4:00pm, in Baldwin Auditorium.

Faculty Development Workshop Disclaimers:

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates the TIME Keynote Address for a maximum of 1.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. CME credit is only available for the TIME keynote address.

Disclosure Statement

Moderator and course director Dr. Walter Eppich has nothing to disclose. FSM's CME Leadership and Staff have nothing to disclose: Clara J. Schroedl, MD, Medical Director of Continuing Medical Education, Sheryl Corey, Manager of Continuing Medical Education, Jen Banys, Rhea Alexis Banks, and Allison McCollum.

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NUMedEdDay16



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