



# Shapiro Institute

BETH ISRAEL DEACONESS MEDICAL CENTER  
HARVARD MEDICAL SCHOOL

## Medical Education Week

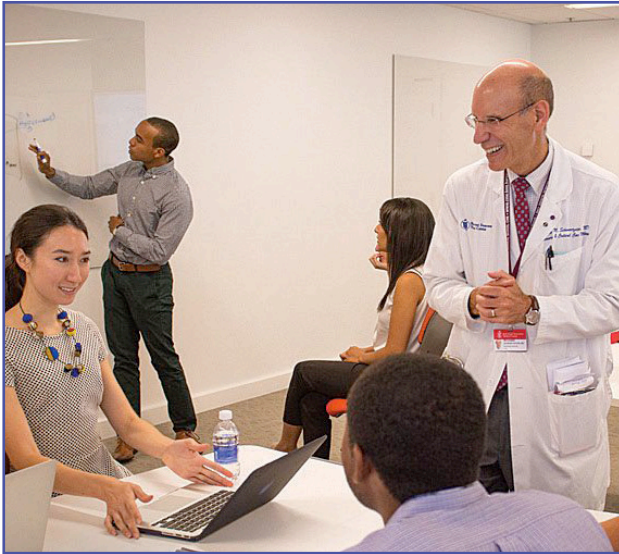


Newsletter  
July 2024

---

## LETTER FROM THE EXECUTIVE DIRECTOR

---



Dear friends,

Each year, the first week of June at Beth Israel Deaconess Medical Center is designated as “Education Week.” The reality is that every week is education week in many ways when we think about the work of our faculty with fellows, residents, and students each day of the year in the ambulatory areas, the inpatient units, and the operating rooms and laboratories throughout the medical center. Nevertheless, it is important to take a respite from our daily activities to acknowledge the extraordinary work of our faculty and to highlight and celebrate their accomplishments.

As you will read in the following pages, Education Week this year began with an E-poster session highlighting the research of educators across the medical center. One of the missions of the Shapiro Institute is to create new knowledge about the processes of teaching and learning, to focus on evidence-based education in the same way that we practice evidence-based medicine in the care of our patients; it is not sufficient to implement a new curriculum or teaching method just because we think it is better than what we do now – we must study it to ensure that it achieves our goals. This year we had a range of posters submitted that spanned the spectrum of educational experiences from global health to how best to teach residents how to interpret radiological images to how to prepare psychiatry residents for their first nights

on call. I was greatly impressed by the range of projects, the wonderful representation we had from our nurse educators, and the quality of the work. Six awards were given to the “best of the best” posters. In addition, this “kick-off” event also allowed us to honor faculty who are recipients of teaching awards from Harvard Medical School and the BIDMC Undergraduate and Graduate Medical Education programs. Personally, this is one of the highlights of the year for me, not just because we acknowledge the work of so many wonderful teachers, but because we have the opportunity to thank all of our educators for their contributions to our mission.

Another highlight of Education Week is the opportunity to interact with a nationally prominent medical educator who is invited to serve as the 2024 Daniel C. Tosteson Visiting Professor. This year’s visiting professor, Eva Aagaard, MD, the Senior Associate Dean for Education and Professor of Medicine at Washington University School of Medicine, spent three days with students, clerkship and program directors, and graduates of our Rabkin Fellowship in Medical Education sharing her insights and experience with us. Dr. Aagaard finished her visit with an extremely thoughtful Grand Rounds presentation on “Effecting Change to Reach Professionalism: Support and Remediation of Trainee and Physician Behaviors.” Dr. Aagaard has participated in Shapiro Institute events in the past as a contributor to two of our Millennium Conferences, most recently in May, 2023.

As I look back over the events of Education Week, I continue to marvel at the energy, enthusiasm, commitment and expertise of so many of our faculty who engage in teaching and training the next generation of doctors and nurses, and in doing the research needed to enable us to make progress in the science of learning. We should all be proud of their work as we continue to grow and improve education at BIDMC, Harvard Medical School and throughout the world.

- Richard M. Schwartzstein, MD

## Shapiro Institute Hosts Education Week

During the week of June 3-7, the Shapiro Institute held its annual “Medical Education Week,” a week-long celebration of our commitment to education at Beth Israel Deaconess Medical Center and Harvard Medical School.



HMS Teaching Awards and EPoster Awards Ceremony

On Monday, the celebration kicked off with our annual Celebration of Teaching Awards Ceremony and Reception in the Leventhal Conference Room. At the close of each academic year, BIDMC acknowledges faculty and house staff for their remarkable achievements as educators. We were thrilled to honor and congratulate the award recipients from HMS, the graduating PCE class, as well as faculty, residents, and nurses from various departments within BIDMC.

For the second consecutive year, the Shapiro Institute organized our Medical Education Research Poster Session. This event provided BIDMC/HMFP employees passionate about medical education a platform to present their work, connect with peers, share ideas and insights, and celebrate the achievements of award recipients.



Second annual E-Poster Session

Education Week continued with several roundtable discussions featuring the 2024 Daniel C. Tosteson Visiting Professor, Dr. Eva Agaard, Senior Associate Dean for Education and Professor of Medicine at Washington University School of Medicine.



Dr. Eva Agaard

Dr. Agaard participated in several educational sessions during the week, including the Building Bridges Session on Tuesday with the Rabkin Fellows and BIDMC Academy. They discussed the topic, “Conduct Unbecoming? A Professionalism Case Discussion.” Dr. Agaard concluded her week with us by hosting Medical Grand Rounds on Thursday, presenting a lecture titled “Coaching to Consequences: Support & Remediation of Challenging Behaviors.”

## Simulation Symposium

On Friday, Medical Education Week concluded with the BIDMC/LHMC Simulation Symposium. This unique symposium featured an overview of simulation center education programs at both Lahey Hospital Medical Center and BIDMC. The program included breakout groups focused on research, procedural skills, cognitive skills, communication skills, novel education technology, and interprofessional education.

The symposium was attended by leaders from BIDMC and Lahey Hospital & Medical Center to hear from keynote speaker Demian Szyld, MD, EdM, Associate Professor in the Department of Emergency Medicine at Boston University’s Chobanian & Avedisian School of Medicine, on debriefing after events in simulation-based medical education.

The inaugural Simulation Symposium was hosted last year at LHMC’s Center for Professional Development and Simulation



BIDMC/LHMC Simulation Symposium

## Celebration of Teaching Awards

### 2024-2025 Rabkin Fellows

#### **David Furfaro, MD**

Department of Medicine  
Beth Israel Deaconess Medical Center

#### **Aditya Mohanty, MD**

Department of Medicine  
Beth Israel Deaconess Medical Center

#### **Jill O'Hara, MD**

Department of Anesthesia/Critical Care  
Boston Children's Hospital

#### **Michelle Silver, MD**

Department of Medicine  
Beth Israel Deaconess Medical Center

#### **Melissa Spiel, DO**

Department of OB/GYN  
Beth Israel Deaconess Medical Center

#### **Shenam Ticku, BDS, MPH**

Harvard School of Dental Medicine  
Department of Oral Health Policy &  
Epidemiology

### Department of Medicine Excellence in Teaching Awards

#### **Ambulatory Student Teaching in Primary Care Medicine**

Catherine Gardiner, MD

#### **Ambulatory Student Teaching in Subspecialty Medicine**

Janelle Baptiste, MD

#### **Inpatient Medicine Student Teaching**

Jacob Koshy, MD

### Principal Clinical Experience Outstanding Resident Teaching Awards

Sirui Ma, MD (Medicine)  
John Erdman, MD (Neurology)  
Matthew McGuiness, MD (Neurology)  
Robert Jones, MD (OB/GYN)  
Alice Lee, MD (OB/GYN)  
Michaela Hendersen, MD (BCH Pedi)  
John Sataloff, MD (Psychiatry)  
Olivia Diprete, MD (Radiology)  
Anusha Jayaram, MD (Surgery)

### BIDMC Center for Education Awards

#### **2024 Simulation Educator of the Year**

Josephine Cool, MD (Medicine)

#### **2024 BIDMC Academy Member of the Year**

Kimberley Brown (Surgery)

#### **GME Program Coordinator Excellence**

Kelly Moutsioulis (Surgery)

#### **GME Program Coordinator Rising Star**

Shirley Cole (Anesthesia)

#### **GME Program Director Excellence**

Christie Sams, MD (Psychiatry)

#### **GME Leadership and Service**

Ruth Coleman (Medicine)



HMS Teaching Awards

## EPoster Award Winners

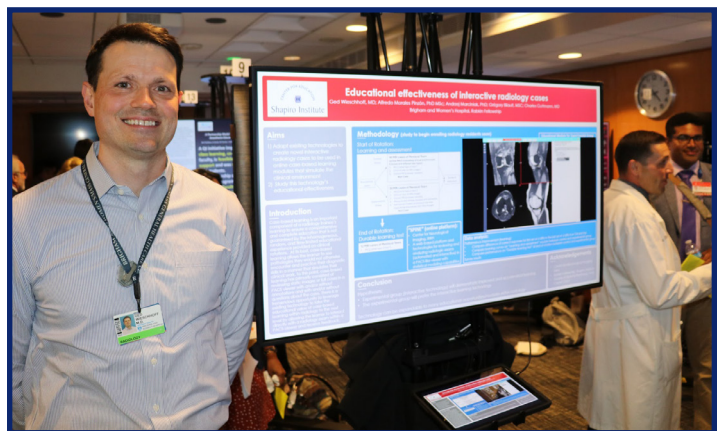
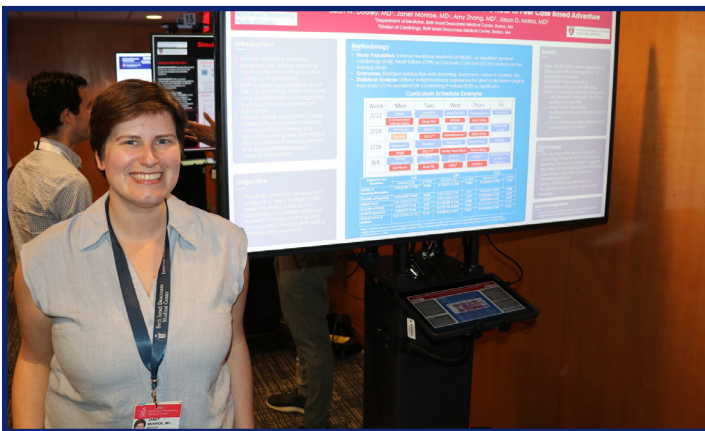
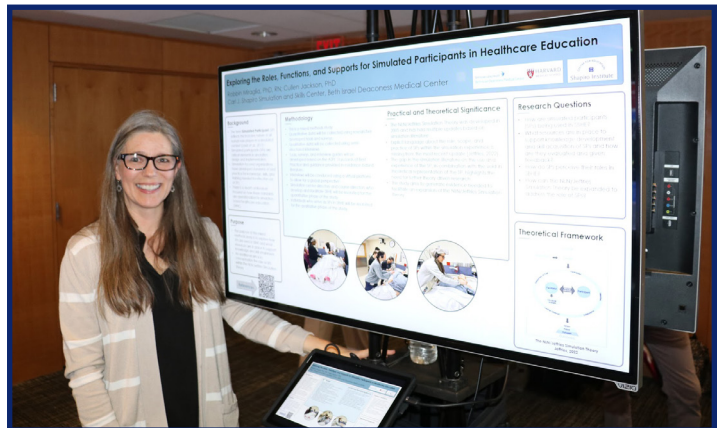
**Best Quality Improvement Project**  
Cassandra Plamondon, DNP

**Best Resident Education Project**  
Yelu Zhang, MD

**Best Medical Student  
Education Project**  
Celeste Royce, MD

**Best Multidisciplinary or Nursing  
Research Project**  
Dimpi Patel, MD

**Best International Research project**  
Eileen Stuart-Shor, PhD, ANP



## Honorable Mention

**Best Resident Education Project**  
Hyungjin Kim, MD, MSc

**Best Multidisciplinary or Nursing  
Research Project**  
Barbara Donovan, MSN

### Graduate Medical Education Awards

On June 3, several graduate medical education program coordinators received awards as part of The Shapiro Institute's annual Celebration of Teaching Awards Ceremony.

#### GME Program Director Excellence Award

##### Christie Sams, MD

"In the four years that we have known Dr. Sams, she has been endlessly supportive to residents. She goes out of her way to advocate our needs, and always puts our well-being at the forefront." group was led by Dr. Maelys Amat, the director for social justice in the office of Graduate Medical Education.



#### GME Rising Star Award

##### Shirley Cole

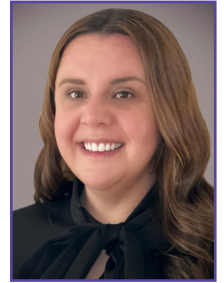
"Shirley has only been with the Anesthesia department for 4 months, but already has become the go to for anything and everything associated with our many diverse fellowship programs. Her extensive GME knowledge/ experience has been vital resource for the department."



#### GME Program Administrator Excellence

##### Kelly Moutsoulis

"I'm very grateful for all the years we've been working together so far and I'm excited about all that she continues to bring to our program. Given her longstanding commitment to our programs, her expertise, dedication, and ability to innovate and effectively make changes for the better, I can't imagine a better recipient for this award"



#### GME Leadership & Service Award

##### Ruth Colman

"She is the catalyst that effortlessly brings all the pieces of the residency program together so that the interns, residents, med students and physicians can focus on their training and mentoring. She is gifted in being able to find solutions to everyday obstacles to keep the program on track. She clearly is invested in making the residency program the best it can be, never faltering in finding ways to assist the residents. They all know that they can go to her with questions/problems and she will find a solution."



### GME Intern Orientation

On June 14, the Office of Graduate Medical Education (GME) hosted its annual Intern Orientation, welcoming a diverse group of trainees to the institution. The goal was to ensure a smooth transition into their new roles. The event was held in collaboration with Human Resources and Environmental Health and Safety to meet hiring requirements and conduct respiratory fit testing. Numerous resources were provided to the trainees as an introduction to GME, including information on how to become involved in resident-run committees such as the Diversity, Inclusion, and Advocacy Council, Housestaff Quality Improvement Council, and the Social Justice and Wellness Committees. During the event, a few interns shared their thoughts on what they were looking forward to in the year ahead:

"I am looking forward to growing as a person and taking every opportunity to not fear change but grow with the change." - OBGYN

"I used to work as a researcher here and am really looking forward to being back home." - Neurology

"Looking forward to collaborating with co-residents, taking care of patients and having fun." - Internal Medicine

Please join us in welcoming this talented group of new physicians to BIDMC!



### Spotlight on Scholarship

We are excited to introduce a new feature in our newsletter - Spotlight on Scholarship. This initiative, brought to you by the Office for Research, aims to provide tips and resources for building knowledge, conducting studies, and producing scholarship in education. Each installment will cover different aspects of research, including quantitative and qualitative methods, works in progress, advice on writing, and more. Our goal is to support and enhance the research efforts of the BIDMC community, offering practical guidance and showcasing innovative approaches to advance medical education.

In this first installment, we focus on the potential of AI to greatly improve the efficiency of designing, conducting, and reporting education research. Here are 3 tips to get you started:

**Literature reviews:** Our current favorites are ChatGPT 4 (\$20/month subscription - ChatGPT 3.4 is free but less accurate and up-to-date), ResearchRabbit.com, and typeset.io (free). Here's an example prompt you can use to get started: "Summarize the key findings from recent studies on the impact of simulation-based learning in medical education." Just remember to check the accuracy of the information you generate!

**Formulating research questions:** AI can help you brainstorm and refine research questions. Example prompt: "Suggest research questions on the effectiveness of concept maps in the classroom setting in undergraduate medical education."

**Survey design:** Use AI to design and evaluate survey questions for clarity and relevance. Example prompt: "Create a survey to assess medical students' attitudes towards and knowledge of interprofessional education."

In future issues we will provide more examples for data analysis and help with writing manuscripts. In the meantime, play with the free versions shown above, don't put in any identifiable information, check the results for accuracy, and get to know the policies related to use of AI in research at the hospital and university levels. Here are some links to help you get up and running:

<https://it.hms.harvard.edu/about/policies/responsible-use-generative-ai>

<https://oue.fas.harvard.edu/ai-guidance>

<https://huit.harvard.edu/ai/guidelines>

<https://privsec.harvard.edu/data-security-levels-research-data-examples>



### Foundations in Medical Education

The Foundations in Medical Education faculty development course is designed to provide participants with the core knowledge and strategies to initiate a career as a teacher and educator. It is targeted at early career faculty as well as experienced physicians who are looking to take on a more formal role in the education of medical students, residents and/or fellows.

This 10-session course will be offered each academic year beginning in October. The sessions will occur on the second Tuesday of each month from 5:30-7:00pm at BIDMC, in person, to allow for a dynamic and interactive small group discussion structure. Participants will gain an understanding of core medical education topics, including adult learning theory, bedside teaching skills, curriculum development, reaching the modern-day learner, providing effective feedback, assessment and evaluation, remediation, basics of medical education research, and time management, among others. Additionally, participants will gain skills and understanding on how to transform daily educational responsibilities into scholarship that can advance their careers and academic promotion.

Please submit a letter of interest including a commitment to make the scheduled meetings and CV no later than July 1 to Kelly Anastasio at: [kanasta2@bidmc.harvard.edu](mailto:kanasta2@bidmc.harvard.edu)

### Foundations in Clinical Trials

The Foundations in Clinical Trials is a longitudinal career development program for residents, fellows, and early career faculty motivated to explore the principles and concepts underlying clinical trials and acquire the basic skills necessary to pursue this type of clinical research.

The 12-15 session course is delivered across 9-12 months and is designed for residents, fellows, and early career faculty who aspire to do clinical trials research. The curriculum addresses a range of topics, including industry relationships, mentorship, the Clinical Research Center, and IRB considerations. Sessions will take place once a month from October to July.

Please submit a letter of interest including a commitment to make the scheduled meetings and CV no later than July 1 to Kelly Anastasio at: [kanasta2@bidmc.harvard.edu](mailto:kanasta2@bidmc.harvard.edu)

### Foundations in Digital Education and Artificial Intelligence

Medical education has undergone tremendous shifts in the past decade, not only with teaching via social media, blogs, podcasts, and streaming videos but with the development and rollout of new artificial intelligence technologies, including large language models.

This faculty development course is designed to provide participants with a working knowledge of digital education and artificial intelligence for medical education and the practical technical skills necessary to succeed as a digital educator in the 21st century. It is targeted at fellows, early career, and senior faculty. No prior knowledge of digital education or AI and no specific tech skills are necessary.

This 10-session course will be offered during the 2024-2025 academic year beginning in October 2024. Sessions will take on the second Wednesday of each month from 5:30 to 7:00 PM in person to allow for interactive small group discussions and multidisciplinary collaboration. Sessions will focus on theoretical aspects of digital education and artificial intelligence and practical aspects, including technical skills sessions, prompt design, instructional design, curriculum development, and digital education/AI research. Participants will create multiple digital educational products throughout the course and will receive mentorship and coaching in asynchronously producing a digital educational project such as a podcast or video. A major focus of the course will be transforming daily teaching into digital education and using this for career development and academic promotion. Participants will have the opportunity to virtually network and collaborate with educators across multiple specialties at the medical center and national experts in digital education during sessions.

Please submit a letter of interest including a commitment to make the scheduled meetings and CV no later than July 1 to Kelly Anastasio at: [kanasta2@bidmc.harvard.edu](mailto:kanasta2@bidmc.harvard.edu)

For more information about these and more career advancement opportunities, please visit:

[www.shapiroinstitute.org/faculty-development](http://www.shapiroinstitute.org/faculty-development)



**HARVARD**  
MEDICAL SCHOOL

Beth Israel Lahey Health



Beth Israel Deaconess Medical Center

Carl J. Shapiro Institute for  
Education and Research

## PRINCIPLES OF MEDICAL EDUCATION MAXIMIZING YOUR TEACHING SKILLS



Join us for  
**#HMSMedEd24**

Interactive Learning - Bedside Teaching - Effective Mentoring  
Impactful Feedback - Developing Curriculum - Assessing Learners  
AI in Teaching - Learner Engagement

**Oct. 23-25  
2024**

**REGISTER: <https://medicaleducators.hmscme.com>**

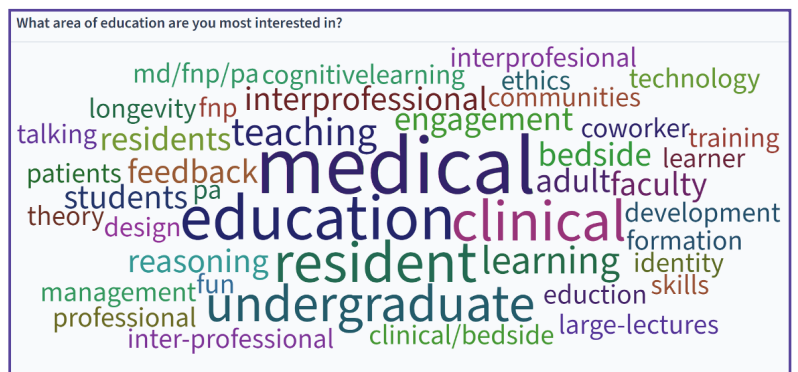
### Principles of Medical Education

For the past 16 years, the Shapiro Institute has enhanced its role as a leader in medical education, by offering its esteemed CME course: “Principles of Medical Education: Maximizing Your Teaching Skills.” Drawing participants from over 65 countries across the globe, with over 4,000 attendees representing various disciplines, this course stands as a symbol of excellence in the field.

Led by our experts in medical education, classes dig deep into cutting edge topics such as AI, wellbeing, implicit bias, the science of learning, leadership, and effective lecturing. Through a blend of best practices, contemporary adult learning principles, and technology integration, educators gain valuable insights to engage and inspire learners at all levels.

Held bi-annually, the course is renowned for its interactive Q&A sessions with distinguished faculty, this program has earned accolades and holds a distinguished place among Harvard Medical School's top-rated CME offerings.

With a focus on diverse teaching environments, from bedside to classroom and ambulatory settings, the course caters to professionals from various medical specialties. Whether you're a physician, nurse practitioner, physician assistant, nurse, pharmacist, psychologist, veterinarian, or dentist, this accredited course is designed to enhance your skills in medical pedagogy, promising a transformative journey for all participants.



Word Cloud from Principles of Medical Education, March, 2024.

## DEPARTMENT NEWS

### 2024-25 Rabkin Fellows Announced

Six faculty members across Harvard Medical School (HMS), including four BIDMC faculty, have been selected for the 2024-2025 Rabkin Fellowship in Medical Education.

The Rabkin Fellowship in Medical Education is a nationally recognized faculty development program that provides intensive training and protected time for HMS faculty to advance careers in academic medicine as educational leaders. The Fellowship is named for Mitchell T. Rabkin, MD, CEO emeritus of Beth Israel Hospital.

### 2024-2025 Rabkin Fellows in Medical Education

#### David Furfaro, MD

Beth Israel Deaconess Medical Center  
Department of Medicine, Division of Pulmonary & Critical Care

#### Aditya Mohanty, MD

Beth Israel Deaconess Medical Center  
Department of Medicine, Division of General Medicine

#### Jill O'Hara, MD, MPH

Boston Childrens Hospital  
Department of Anesthesiology, Division of Pulmonary & Critical Care

#### Michelle Silver, MD

Beth Israel Deaconess Medical Center  
Department of Medicine, Division of General Medicine

#### Melissa Spiel, DO

Beth Israel Deaconess Medical Center  
Department of Obstetrics and Gynecology, Division of Maternal-Fetal Medicine

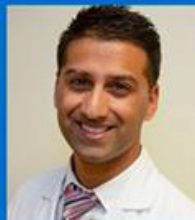
#### Shenam Ticku, BDS, MPH

Harvard School of Dental Medicine  
Department of Oral Health Policy and Epidemiology



David Furfaro, MD  
Beth Israel Deaconess  
Department of Medicine  
Division of Pulmonary and Critical Care

*The Use of Digital Media and Artificial Intelligence in a W-ECMO Education Curriculum*



Aditya Mohanty, MD  
Beth Israel Deaconess  
Department of Medicine  
Division of General Medicine

*Evaluating and Enhancing the Point of Care Ultrasound Curriculum at Harvard Medical School*



Jill O'Hara, MD  
Boston Childrens Hospital  
Department of Anesthesiology  
Division of Critical Care and Pain Medicine

*Development and Implementation of a Longitudinal Spaced-Repetition Deliberate Practice Curriculum in a Pediatric Critical Care Medicine Fellowship*



Michelle Silver, MD  
Beth Israel Deaconess  
Department of Medicine  
Division of General Medicine

*A narrative medicine curriculum for residents to promote professional identity formation*



Melissa Spiel, DO  
Beth Israel Deaconess  
Department of Obstetrics & Gynecology  
Division of Maternal-Fetal Medicine

*Maternal Point-of-Care Ultrasound Curriculum for the Obstetric Learner*



Shenam Ticku, BDS, MPH  
Harvard School of Dental Medicine  
Department of Oral Health Policy & Epidemiology

*Inclusion of Dental Public Health in the Pre-Doctoral Dental Curriculum at the Harvard School of Dental Medicine*

## DEPARTMENT NEWS

### Dr. Adam Rodman named Program Director in AI

Adam Rodman, MD, MPH, has been appointed as the Director of the Shapiro Institute's Program in Artificial Intelligence. In his new role, Dr. Rodman will work with a interdisciplinary team of faculty members to develop a research program exploring the potential of AI in enhancing educational programs and clinical activities. He will also spearhead faculty development initiatives focused on integrating AI technology. Congratulations Adam!



**Community**  
Education Research  
Learning Program Evaluation  
Bedside Teaching  
Excellence Inspiring  
Coaching  
Concept Mapping  
GME, UME, CME  
Simulation  
Professionalism  
Mentorship

The Carl J.

## Shapiro Institute for Education and Research

**Faculty Development**  
Critical Thinking  
Scholarship  
Interprofessional Education  
Wellness  
Advocacy  
Communication  
Feedback  
Peer Observation  
Clinical Reasoning  
Social Justice, DEI  
Curriculum Design  
Innovation  
Nurturing  
Teaching Skills

*From all of us at the Shapiro Institute for Education and Research,  
have a safe and happy Fourth of July!*



## Carl J. Shapiro Institute for Education and Research

Follow Us!

X (@) @BIDMC\_Education  
[www.shapiroinstitute.org](http://www.shapiroinstitute.org)