

DME Newsletter

news & updates

July 1, 2024 | Volume 4, Issue 1 (Summer Edition)

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Contributions

Please send contributions to and suggestions for the DME Newsletter to DMENews@uic.edu.



DME Professor and Head Yoon Soo Park, PhD, at the Ilene B. Harris Professor of Medical Education Investiture Ceremony (Thu, May 30, University Club of Chicago) with UI COM students (L to R): Karen Mao (Class of 2027), Sami Musmani (Class of 2031), and Rhys Gogonis (Class of 2027).

From the Editors

Welcome to the 2024 summer edition of the Department of Medical Education (DME) newsletter, bringing news and updates from our community. This issue includes content and celebrations from our department leaders and community.

Future contributions, suggestions, and mailing list updates can be sent to DMENews@uic.edu. Wishing everyone a fantastic summer!

Michael Blackie, PhD, and Rebecca J. Fiala, MA
DME Newsletter Editors

From the Desk of the Head, Yoon Soo Park, PhD

Welcome to the summer edition of the DME newsletter.

This year, we celebrate the 65th anniversary of DME. Founded in 1959 by [George E. Miller, MD](#), ours is the oldest continuously operating department of its kind in the world. The scientific research of DME continues to shape how physicians and health professionals are trained and enter the healthcare workforce. Our international graduates, from the health professions education (HPE) and patient safety leadership (PSL) programs, are making important leadership initiatives across our field, ensuring better training, quality and safety, and healthcare for patients and global public health. We are also entering an exciting and dynamic era of medical education research and practice—seeing the promise of data science, outcomes research, and health humanities all



being integrated into healthcare training.

We are deeply grateful to **Morton E. Harris, PhD**, for establishing the Ilene B. Harris Endowed Professorship, to follow the legacy of his late wife, **Ilene B. Harris, PhD**, in leading our department and the field toward academic excellence. It is a tremendous honor for me to hold the inaugural professorship. The investiture ceremony in May was a wonderful celebration, bringing together our school and our medical education community. The gift from Morton Harris also established the Ilene B. Harris Legacy Research Fund, now entering its 4th cycle of funding educational research—a gift that is already having significant impact, including the recently published [JAMA Surgery \(2024;159\[5\]:546-52\)](#) article by our Harris grant recipient **Brigitte K. Smith, MD, MHPE ('20)**, demonstrating the link between training and healthcare outcomes.

Please join us on **Thu, Aug 1**, for the [24th Annual HPE Summer Conference](#). The theme of this year's conference, chaired by **Maura Polansky, PA-C, MHPE, PhD**, is "The Emerging Role of Artificial Intelligence in HPE." We have internationally distinguished invited speakers and a panel of guests who will discuss cutting-edge trends in AI and their application in education.

This fall, we will launch our new PhD program in HPE led by **Laura Hirshfield, PhD**, with new doctoral students joining our department. We will also launch the new Certificate in Health Professions Education (CHPE) program, led by **Maura Polansky, PA-C, MHPE, PhD**. In addition, we are starting a new scholarly concentration program for medical students, Education in Medicine (EdMED), led by **Alan Schwartz, PhD, JD**. These new HPE programs, adding to our renowned Master of Health Professions Education (MHPE), will provide excellent training for future HPE scholars and leaders. We warmly welcome our new cohorts of trainees to our programs!

Our colleague, **Rachel Yudkowsky, MD, MHPE**, has been appointed Professor Emerita of Medical Education following her extraordinary, 25-year career at the University of Illinois College of Medicine. Dr. Yudkowsky has been a distinguished scholar, master teacher, and leader for our school and field.

We are excited to welcome **Lauren A. Maggio, PhD**, to our department as new faculty. Dr. Maggio will also serve as Director of Research for DME. Dr. Maggio comes to us from the Uniformed Services University of the Health Sciences (Bethesda, MD) where she was full professor. Since 2019, Dr. Maggio has served as Deputy Editor-in-Chief of [Perspectives on Medical Education](#).

Our colleague [Michael Blackie, PhD](#), will be serving as faculty editor of the DME Newsletter. Please send Dr. Blackie any updates to our department activities at DMEnews@uic.edu.

We look forward to seeing you at upcoming DME events.



Professor Emeritus, Georges Bordage, MD, MSc, PhD

Introduction of Yoon Soo Park, PhD
Ilene B. Harris Professor of Medical Education

*Investiture Ceremony: Thu, May
30 University Club of Chicago*

Sixty-five years ago, in 1959, [Dr. George E. Miller](#) came to the UIC College of Medicine to establish an office of research in medical education, today's Department of Medical Education—for which he had high aspirations as a place to study medical education and prepare better teachers. The department continues to be a gold standard worldwide in medical and health professions education. Dr. Miller's legacy is well embodied in DME's vision and mission statements, namely, "to

Yoon Soo's remarkable productivity and commitment to excellence in assessment are driving forces in transforming health professions education and have earned him the respect and collaboration of his fellow researchers, students, and alumni, both at UIC as well as at other institutions nationally and internationally. No wonder he has held leadership positions in national organizations, such as: chairmanship of the Research in Medical Education Committee for the

better healthcare through effective and innovative health professions education leaders and scholars [who can] advance the field locally, regionally, and internationally."

We are greatly indebted and grateful to **Dr. Morty Harris** (see right) for perpetuating and enriching Dr. Miller's pioneering vision by creating an endowed professorship in honor of Dr. Ilene Harris, his late, beloved wife and former professor and head of DME. Ilene was a passionate promotor of excellence in scholarship and leadership and a very generous person—generous of her time and wisdom that gave tremendous drive to the mission and goals of the department through her own scholarship in qualitative research and through her leadership, resulting in the creation of a certificate program in patient safety and a doctoral program in curriculum studies in collaboration with UIC's College of Education. This new professorship strengthens DME's enduring commitment to the highest quality research and educational best practices and emblazons its reputation as a world leader in medical and health professions education.

Professor Yoon Soo Park came to the Department of Medical Education 12 years ago as a psychometrician to conduct research and development projects and teach and advise our graduate students. Well, we struck gold. There are four emblematic standards that have come to characterize DME, namely, leadership, scholarship, high standards, and a spirit of innovation that, taken together, help move the field of medical and health professions education forward. Yoon Soo fully embodies these four standards and is a role model to us all.

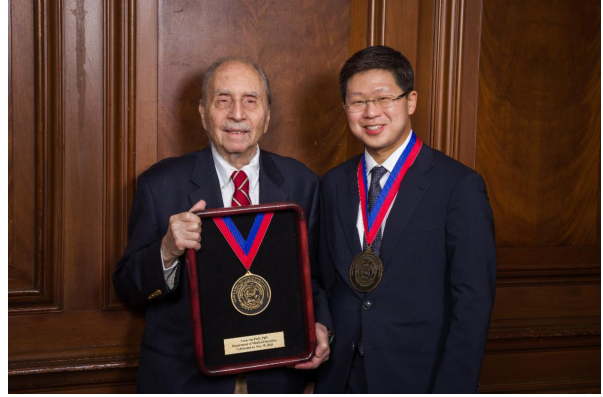
Dr. Park's scholarship, firmly grounded in state-of-the-art psychometric principles, is extraordinary, both in breadth and in depth. Yoon Soo is committed to further our understanding of the conceptual, methodological, and human aspects of assessment and psychometrics. He is the recipient of scores of grants and contracts from leading funding agencies and has made meaningful contributions to the field—with scientific papers in medical education and in measurement journals, as well as countless scientific presentations and educational workshops. Yoon Soo is at the forefront of innovation in the field as exemplified in his use of AI-based adaptive analytics and machine learning to bridge assessment across undergraduate and graduate medical education, and for patient care, in order to optimize learner feedback and program development in an age of outcome-based education and inquiry.

Association of American Medical Colleges, vice-presidency for the American Educational Research Association's Division-I (a continuation of a position that Dr. Miller helped create in the 1960s), and lead psychometrician and data scientist for the American College of Emergency Physicians and the Accreditation Council for Graduate Medical Education, as well as associate editor for leading journals in health professions education—and, more recently, in spearheading and housing at UIC a multi-institutional repository for assessment data from different national licensing and accrediting agencies.

Yoon Soo is a delight and an inspiration to work with, as I've had the pleasure to witness firsthand while working with him on a national formative-assessment project at the American College of Surgeons. He is a tireless worker, with very high standards, and is masterful in getting colleagues from different institutions and disciplines to understand psychometrics, to collaborate—and most of all to excel, as shown in the high honors he received from prestigious institutions like the National Council on Measurement in Education and most recently as a research fellow at the Karolinska Institute in Sweden. His spirit of excellence and empowerment is contagious, setting the tone and direction for others to follow.

You make us very proud as the recipient of the Ilene B. Harris Professor of Medical Education, knowing that you will continue to bring institutional prestige to DME and UIC. Echoing Ilene's spirit and memory, you are, Yoon Soo, truly a gentleman and a scholar.





Mugged at the club! (IYKYK) Ilene's traditional gift, treat-filled coffee mugs, awaiting attendees at the investiture ceremony for Professor and Department Head Yoon Soo Park, PhD, inaugural Ilene B. Harris Professor of Medical Education. The ceremony took place Thu, May 30, at the University Club of Chicago.

Director, MHPE Program, Maura Polansky, PA-C, MHPE, PhD

In addition to congratulating our recent, summer 2024 CHPE graduates—**Manika Bhateja, Ainhoa Costas-Chavarri, Jessica Hsueh, Justin Salehi, and Bridgette Shackelford-McAllister**—we want to acknowledge and express our congratulations to MHPE graduates:

Spring 2024

- **Stephanie Mavis**, Mayo Clinic - Becoming a Clinician Educator: Developmental Trajectories of Resident Large-Group Teaching Skills (YS Park, J Cheung, J Homme)



• **Stephen Wise** (retired) - Metacognitive Deficits in Residents: Unveiling Faculty Perceptions, Strategies, and Challenges (J Cheung, A Schwartz, A de Bruin)

Summer 2024

- **Marc de Moya**, Medical College of Wisconsin - Resuscitative Thoracotomy Trainer: Setting the Bar for Competency (A Tekian, YS Park, A Kastenmeier)
- **Stephen Gauthier**, Queen's University - A Construct-Aligned Assessment Tool for Internal Medicine Residents: Development and Validity Evidence (YS Park, A Tekian, R Hatala)
- **Emily Hall**, University of Illinois College of Medicine - Medical-School Performance Metrics that Predict High Stakes Clinical-Skills Examination Failure (R Yudkowsky, J Cheung, A Schwartz)
- **Emily Jameyfield**, University of Chicago - Best Practices for Teaching Verbal De-Escalation in Health Professions Education: A Systematic Review (D Ansari, L Hirshfield, J Ahn)
- **Brian Kaplan**, New York University - A Needs Assessment for Surgical Anatomy Curriculum (R Yudkowsky, J Cheung, D DiazGranados)
- **Amy Lin**, University of Illinois College of Medicine - Aligned or Maligned? Student Perspectives about Team Based Learning (L Hirshfield, R Curry, D Ansari)
- **Purvi Patel**, Loyola University - Neurocritical Care Practice Among Surgical Intensivists (YS Park, A Tekian, J Lau)
- **Jennifer Spicer**, Emory University - How Department Leaders Employ Team-Level Job Crafting to Mitigate Faculty Burnout (L Hirshfield, R Yudkowsky, W Armstrong)

In August, the MHPE program will begin accepting [applications](#) for 2025 matriculates.

We're in good company.

- Top large colleges in the Midwest**
by the Wall Street Journal
- 1 University of Michigan Ann Arbor
 - 2 University of Illinois Urbana-Champaign
 - 3 **University of Illinois Chicago**
 - 4 Michigan State University
 - 5 University of Wisconsin Madison



We are excited for our new class of MHPE students. Twenty students from across the US and Canada will be joining us at the end of July. They represent professions in medicine, pharmacy, and behavioral health from across the career trajectory. Students will also be joining us at the 2024 HPE Summer Conference. Please give a warm welcome to our new MHPE students!

It is not too late to register for the [2024 HPE Summer Conference](#), which will be held on **Thu, Aug 1**, at UIC Student Center West. The theme for this year's conference is "The Emerging Role of Artificial Intelligence in Health Professions Education."

Carla M. Pugh, MD, PhD, will present the Georges Bordage Keynote Lecture, titled, "Precision Learning & Data Sharing Through Wearable Technology: What's AI Got to Do with It?" Invited speaker **David A. Cook, MD, MHPE ('05)**, will also be joining us to discuss his scholarly work in management reasoning. In addition, **Geoffrey V. Stetson, MD**, will facilitate an invited panel (Dr. Pugh, **Martin V. Pusic, MD, PhD**, and **Celia L. O'Brien, PhD**) to explore opportunities for using artificial intelligence (AI) in educational scholarship. Finally, we look forward to having abstract presentations by HPE students and alumni, including the Ilene B. Harris Best Abstract presentation by MHPE student **Aftab Merchant, MBBS**.

To assist us with meeting planning, we ask that you please [register](#) for the conference no later than **Fri, Jul 19**.

Director, PhD in HPE, Laura Hirshfield, PhD

Congratulations to **Jennifer (Jennie) B. Jarrett, PharmD**, for completing her PhD!

She attended the first annual university-wide PhD hooding ceremony on



Fri, May 3, and was hooded by DME's Department Head himself, **Yoon Soo Park, PhD.**

Congratulations, Jennie! We are so proud of you!



Director, EdMED, Alan Schwartz, PhD, JD

DME's new "Education in Medicine" (EdMED) scholarly concentration program has accepted its first cohort of incoming medical students, including five from the Peoria campus, and three each from the Rockford and Chicago campuses. The EdMED program seeks to provide knowledge, skills, and community for medical students whose future careers will involve academic medicine and medical education.



The eleven cohort 1 students will begin the longitudinal, 4-year program in January 2025, starting with a series of workshops focused on education scholarship and followed by intensive activities in summer 2025 that are focused on education practice. By the time they graduate, they will participate in team-based capstone projects that will include collaborating with students from future cohorts and several upperclass students who are currently active in the [Student Curricular Board](#) and have indicated interest in joining projects as well.

I look forward to working closely with DME Director of Undergraduate Programs **Kristi L Kirschner, MD**, and **Rebecca J. Fiala, MA**. We will be reaching out to faculty throughout the college who are interested in teaching and mentoring these enthusiastic students.

Director, Patient Safety Leadership (PSL), Aarti Raghavan, MD, MS



UIC's PSL programs are currently recruiting for our fall 2024 certificate and master's degree cohorts. The [application](#) deadline is **Mon, Jul 15**. Fall classes begin in mid-August.

UIC's PSL programs will also offer a 2024 fall session of "Essentials for Clinicians Patient Safety/Quality Improvement."

For any questions regarding UIC's PSL programs, please do not hesitate to contact Program Coordinator [Sharon Lanza](#) (312/996-6738). Please visit our [website](#) for updates and news.

[LinkedIn](#) | [YouTube](#)

Director, Simulation and Integrative Learning Institute (SAIL) Christine Park, MD

Greetings to all! As we navigate through the blossoming year of 2024, SAIL Associate Director **Bob Kiser, CEC, CHSE**, and I trust that you are enjoying a season of abundance and well-being. At SAIL, our voyage is steadfast. Anchored by our commitment to simulation innovation, we champion health equity, ethics, and justice. Our mission sails beyond, promoting compassion, patient-centered care, and self-care, while engaging in robust partnerships with all stakeholders, including our valued community.



In January, the SAIL team cast a notable presence at the International Meeting on Simulation in Healthcare in the radiant environs of San Diego, CA...but which, in turn, featured the greatest single day rainfall in the history of the city. With a series of accepted presentations and panels, our team has reaffirmed SAIL's status as a beacon in the simulation community.

We are thrilled to announce that the poignant "First Death Program" at SAIL will be the subject of an upcoming radio documentary. This reflective piece, under the expert guidance of acclaimed documentarian [Andrew Meriwether](#), will delve into the art of communication that physicians hone to connect authentically with patients, even in their most challenging moments. Featuring insights from SAIL's own staff, standardized patients (SPs), instructors, and UI COM learners, the documentary promises a profound exploration of human connection, performance, authenticity, and preparedness for the unpredictable.

As we celebrate these milestones, we also want to shine a spotlight on the extraordinary talents and contributions of the entire SAIL team. It is their dedication, adaptability, and creativity that are the wind in our sails, propelling us forward. We tip our hats to their remarkable efforts and extend a heartfelt "Thank You!"

We wish everyone a safe summer and bountiful autumn. Let's keep looking forward toward the horizon for bright skies and steady waters!

[Facebook](#) | [Podcast: Beyond Simulation](#) | [X \(@UIC_Simulation\)](#)

HUMAN-BASED SIMULATION (HBS)

In the words of the dearly departed Olivia Newton-John, Let's Get Physical! That's right, the Core exam is dominating the 4th floor (and beyond) right now with practice labs, PE workshops, and Mock Core exams.

Assessment (aka Simtastic), and closed out this academic year's last UI Health Resuscitation Workshop. Particularly noteworthy, this was the first time the resuscitation faculty and SAIL partnered with palliative care health professionals to explore topics of palliative and end-of-life care. Shout out to **Rich Lazatin** for his debut TBS role in this pilot case. The pilot

Thank you to all the PIs for their excellent work, and to **Raina Long** and **Alba Woolard** for coordinating. HBS continues to run the Graduation Competency Examination for third-year medical students and all third-year clerkship exams as well. Be on the lookout for a refresher training for those exams, SPs!

A few SPs got ready for their close-ups and helped us make brief videos for a new project we're calling Mock Rounds. This project is designed to give rising third-year students the opportunity to practice presenting patient notes in front of an attending before they jump into their brand-new clerkships.

SAIL participated in a Trauma-Informed Care presentation for second-year students. This plenary session may be developed into an SP encounter for the next academic year.

Other projects this spring included: graduate medical education (GME) Pediatrics Rehearsal for Authenticity case, Cardiology SP Encounter, Occupational Therapy SP encounter, M4 Medical Spanish Elective, AAP Mental Health Course Scenario, GME OBGYN Rehearsal for Authenticity case, M1 Abdominal Workshop.

TECHNOLOGY-BASED SIMULATION (TBS)

Back in January, we wrapped up the new hire instructor training and trained a handful of SPs to help us with upcoming projects.

In February, we hosted the M4 Transition to Residency Sim Code program, marking our heartfelt farewell to the graduating **Class of 2024**. They were an exceptional class and we wish them well in all their future endeavors.

By April, we concluded the M2 Synthesis program, hosted yet another triumphant Emergency Medicine (EM) Regional

and the post-encounter debrief went so well, faculty is eager to turn this case into a full-fledged SP encounter later this year.

It's evident that SAIL's dedication to excellent simulation-based education has led to remarkable successes and strong partnerships. Long-standing clients, like GME EM and Pediatrics, have continued to book simulation projects with SAIL. EM holds Conference at SAIL almost every Thursday morning and monthly ultrasound training. GME Pediatrics has scheduled additional training sessions for their residents. Outside client, **Almost Home Kids**, has also added quarterly training for their staff. In addition, our collaboration with **Innovation Medicine Program** faculty and students has wrapped up its second year, with final projects presented in April. Other recurring projects include: M3 Pediatric and Surgery Clerkships, M4 Anesthesiology and EM Clerkships, UIC Global Health, and GME IM Procedural Skills Training.

Finally, TBS is gearing up for the M3 Transition to Clerkship (TTC) series: First Death, PPE, and Procedural Skills. This year, the HBS team is joining the fun by running the Mock Rounds during TTC.

For the second year, SAIL is proud to share that we've partnered with **Pet Partners** (see below) for the First Death project. This is by far the best partnership SAIL has ever had!

Other spring and summer projects include: M1 Synthesis, M3 Intersections, Resident Skills Assessments, and other resident onboarding and training.

TBS appreciates the long hours and hard work the simulation technicians, skills instructors, and SPs put in. We've said it before and will say it again: SAIL would not be the successful enterprise it is without each and every one of you all. Thank you!



SAIL recently hosted a group of grade school students from the [Mini Health Professions Program](#) (MHPP; UHP Pre-Health) through UIC's [Urban Health Program](#). These bright young learners contributed their amazing insights about what simulation is and its benefits, learning how simulation helps healthcare providers be better at what they do. We are grateful for the wonderful partnership with The Schwartz Lab at the [College of Nursing](#). To the right is a personal note from MHPP Director Dr. Darcy Goldfarb.



X @uicdme ICYMI...

Dear Christine and Bob:

I want to thank you both again for hosting the MHPP students at the SAIL Center last Saturday. Everyone had an amazing time!

I just had the debrief meeting with my graduate students and they all had only positive things to say. Everyone felt that each activity was well planned out and engaging for the grade school students.

The Intro lecture was very well done—and it was great that you had interactive questions with the students. The baby encounter and visiting the control room were both a big hit. The students had never experienced working with a mannequin like that before. The opportunity to interview the standardized patients was also a novel experience—and the first time many of them had ever interviewed anyone ever. Donning the PPE and the Treasure Hunt were also a homerun.

The only feedback the graduate students had was that it was too bad you couldn't take all 83 MHPP students!

I personally went around the room at lunchtime and asked each student what part they enjoyed most. It honestly was almost a three-way tie, with the baby experience maybe winning by one vote.

Again, I want to express my gratitude for you allowing my students to visit. Please thank all your staff that were willing to come in on a Saturday and spend time with us. The goal of the MHPP program is to inspire

RT @pringlmillermd

I love when people have their priorities right. The surfboards have equal standing with the ladders required for work.

Work-life balance is something we all must strive to find to be healthy well-rounded people.

9:23 PM · May 25, 2024

"The Future Healthcare Leaders of Tomorrow."

Experiences like this will help make that dream a reality.

Best Regards,
D. Goldfarb, MD, FAAEM

AND IT'S OFFICIAL! PLEASE WELCOME BRIGITTE TO THE TEAM!

Brigitte (she/her) **Ditmars** brings her extensive training and theatrical experience to the SAIL team as HBS Program Coordinator. With a diverse professional background, Brigitte has excelled as a corporate trainer across various industries including hospitality, legal publishing, real estate, and most recently as a training specialist at a large healthcare system with a focus on medical group-specialty and outpatient hospital scheduling.

Brigitte dedicated 7 years to serving as a senior SP for the USMLE Step 2 Clinical Skills exam. In this role, she portrayed numerous cases and evaluated communication skills within a high-stakes environment. In addition, she played a role in piloting new cases and delivered peer-to-peer workshops, most notably in memorization techniques and feedback delivery.

Brigitte is also a Chicago storefront theatre veteran, having been an actor, director, and award-winning choreographer. Some of her favorite sandboxes to play in have been the Mercury Theatre, Firebrand, Porchlight Music Theatre, Bailiwick Theatre Company, Hell in a Handbag, Factory Theatre, Circle Theatre, American Theatre Company, and many more.

Things that make Brigitte a person:

- She's originally from Louisville, KY, but has called Chicago home longer than any other city.
- She has a cat named **Sadie** that she adopted during the pandemic.
- She is a thrift store junkie.
- She's really into kettlebell ballistics.
- She loves to cook and, in fact, had four callbacks for the first season of *MasterChef* before ultimately getting cut. She has been known to run cooking classes out of her home to teach novices the basics. In another life, she would be a host of a cooking show.

Pace RideShare

A free, easy, and convenient matching service that connects commuters who are interested in forming a carpool in and around Northeastern Illinois.

SAIL is sharing this information in case you are looking for transportation alternatives. For more information, please visit:

<https://transportation.uic.edu/transportation-alternatives/>

PLAN NOW

Disclaimer: Please be advised that Pace Rideshare is not affiliated with SAIL or UIC. Participants are solely responsible for determining whether or when it is appropriate to meet with or share personal information with a potential carpool partner.

Health Humanities
Assistant Professor, David Ansari, MSc, PhD

*Annual Joseph S. Begando Keynote Lecture
Tue, Mar 12 - Moss Auditorium*

In collaboration with the [Institute for Research on Race and Public Policy](#) at the College of Urban Planning and Public Affairs and on behalf of the College of Medicine, DME was pleased to welcome **David H. Chae, ScD, MA** (shown below), in March to give the 2024 Joseph S. Begando keynote lecture, "Causes of Death: Macro-Social Determinants of Health, the Biological Embedding of Racism, & Next Steps in Anti-Racism Research."



Dr. Chae's engaging lecture examined social, ecological, psychobiological, and developmental approaches to studying racism and developing antiracist interventions. Dr. Chae is Director of the Society, Health, and Racial Equity Lab as well as Associate Dean for Research at the Tulane University School of Public Health and Tropical Medicine.

The Annual Joseph S. Begando Keynote Lecture is sponsored by DME and brings distinguished scholars in the health humanities to the UIC community to explore pressing social issues relating to health, medicine, disability, and illness. This lecture series was established in the 1990s in honor of Dr. Begando who, over 40 years, taught and served variously within the university system—sequentially holding the roles of assistant dean, assistant to the president, acting vice president, vice president and chief executive officer, chancellor, chancellor emeritus, and, finally, professor emeritus.

Prior to the talk, we welcomed Dr. Chae to DME for lunch with students from the College of Medicine and the College of Liberal Arts and Sciences. We were honored to be joined also by Dean **Wayne H. Giles, MD, MS**, from the School of Public Health.



David H. Chae, ScD, MA, presented the 2024 Joseph S. Begando keynote lecture.



DME welcomed Dr. Chae to lunch with students from the College of Medicine and the College of Liberal Arts and Sciences as well as Dean Wayne H. Giles, MD, MS, from the School of Public Health.

**On Reflection
Professor Emeritus, Georges Bordage, MD, MSc, PhD**

Assessment FOR Learning, A Renewed Plea

While most of our attention in education is on assessment OF learning (i.e., summative assessment), the flipside, assessment FOR learning (i.e., formative assessment), is an integral part of the teaching-learning process... "to better identify learning needs and problems" on the one hand and "to develop a stronger understanding of [one's] own



academic strengths and weaknesses" on the other hand.¹

Research has shown that "a combination of study and tests is more effective than spending the same amount of time reviewing the material some other way, such as rereading it. [Moreover, tests that require] explicit retrieval, as required by a recall task [e.g., write-in responses] rather than a recognition task, strengthened knowledge better than a multiple-choice test even when the final test itself involves multiple choice [suggesting that] instructional practices would

be more effective if the proportion of learning time that learners spend retrieving information were dramatically increased."² Research and development initiatives in DME over the years provide some guidance to enhance assessment for learning.

The American College of Surgeons developed a formative assessment tool for beginning surgery residents, the Entering Residents Readiness Assessment (ACS-ERRA), which contains 40 short cases testing 140 challenging clinical decisions ("key features") for entering residents, using short menus and write-in response formats, of which a quarter of the decisions address potentially harmful actions.³ After completing an ACS-ERRA, each resident receives an individualized report on their performance, highlighting strengths and weaknesses, with a copy to their program director, along with a learning contract to set goals, action plans, and deadlines. There is room for improvement for all, from residents with the highest scores to the weakest ones, especially regarding clinical decisions that could lead to potentially harmful consequences to patients. Following guidelines from Boscardin et al⁴ on implementing assessment for learning as a teacher-learner partnership, the ACS-ERRA reports and learning contracts provide opportunities to "identify what the learner needs to learn (planning), review where the learner is in their learning (observing), and strategize how to maximize learning (supporting)."

Script concordance tests (SCTs) were shown to contain severe validity threats, such as logical inconsistencies in the scoring keys, a response scale that overly rewards the selection of answers near or at the midpoint of the scale, and ignoring interpanel and panelists, and test-retest measurement error in calculating SCT score reliability.⁵ However, expert panelists' limited consistency with prior responses led to suggesting an alternative use of SCTs, namely that rather than telling "examinees whether their answers are correct or incorrect based on how many experts agreed with them, they might be asked to view the diverse expert responses [and those of their peers] and available clinical evidence, to engage in debate. [Thus], the learning objectives might refer, not to knowing the 'correct' answer, but to gaining better understanding of all sides of an underlying controversy."⁶

While formative assessment is designed specifically to provide feedback to learners,⁷ all assessment, formative and summative, affects learning.⁸ So much so that van der Vleuten⁹ included the educational impact of assessment as a key component of his utility model of any assessment method, along with validity, reliability, acceptability, and cost—noting that, "despite the wide recognition of its importance, the empirical work reported is scarce."

DME faculty and alumni are engaged in several research and development projects focused on struggling medical students and residents based on rotation evaluations and Accreditation Council for Graduate Medical Education Milestone ratings. For example, "when sufficient numbers of evaluations are used [and minimizing delays in logging ratings], end-of-rotation evaluations provide preliminary evidence with which to detect and predict [struggling] residents in subsequent postgraduate training years."^{10,11} The Milestone studies,¹²⁻¹⁵ alternatively, focus on clarifying various sources of variance in scores, such as the contribution of learner variations, graduating medical school, and residency program, and on estimating the predictive power of the ratings, from undergraduate medical education to residency, board certification, and patient outcomes. These studies have prompted interinstitutional collaborations, such as the Pediatrics Milestones Assessment Collaborative¹⁶ and, more recently, the Medical School Outcomes Milestones Study Group¹⁷—with the University of Illinois College of Medicine as the data hub.

In conclusion, here's a plea for assessment FOR learning, voiced some six decades ago by DME's founder, [George E. Miller, MD](#)¹⁸: "...my new look is really a plea for another look at evaluation [assessment] as a tool for education, not merely an administrative device for the separation of those who falter from those who succeed [and to] transform what is too often a distasteful chore for faculty and students alike into a gratifying part of the stirring experience which teaching and learning should

be."

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Faculty and Staff News

Lizzie Bourne is currently touring with a show called "[The Psychology of Serial Killers](#)," serving as cohost as well as company manager.

In January, **Jonathan B. Cohen, MD, MS, FASA**, served as a panelist for Moffitt Cancer Center's Schwartz Rounds program session, "The Power of Apology." In March, he participated in Johns Hopkins All Children's Hospital (St. Petersburg, FL) Department of Anesthesiology Grand Rounds on patient safety.

At the Anesthesia Patient Safety Foundation, Dr. Cohen was appointed cochair of the Patient Safety Priorities Advisory Group's committee on safety culture, teamwork, and clinician well-being. In addition, he was featured in a recent APSF podcast, "[Keeping Patients Safe from Unavoidable Human Error](#)" (episode 184). Dr. Cohen was mentioned in the Coaching for Leaders podcast with Amy C. Edmondson "[How to Grow from Your Errors](#)" (episode 663).

Finally, Dr. Cohen presented the Certified Professional in Patient Safety review course at the May

Institute for Healthcare Improvement Patient Safety Congress (Orlando, FL) and talked about the value of this certification.

In April 2020—in reaction to COVID ending a national tour of which he was a part— **Tony Dobrowolski** started [UBIQUITOUS PLAYERS](#). They meet on Saturdays and alternate new plays (they include more than 20 playwrights in their ranks) with loosely defined "classic" plays. **Diane Dorsey** Zoom-performs with the group.

[Sophie Gimm](#) (IG @sophiegrimminthehouse) continues her journey with the CLUE interactive experience in Chicago, and now across America! After the first season, which ended up winning the NO PROSCENIUM "Immies" for Outstanding Immersive Work in Chicago, Sophie will be traveling to set up the experience in other cities, as well as set up for season two right here in Chicago! Please contact her if you want to come out on a SAIL discount, or even work with her as a "butler," helping detectives in their experience—running through September (...or possibly New Year's Eve). If interested in seeing a newer musical, she will be doing the regional premiere of [Natasha, Pierre & the Great Comet of 1812](#) at Writers Theatre from Thu, Sept 5, through Sun, Oct 27 (...or even as possibly as late as Sun, Nov 10).

James Heatherly's first book of a new Sherlock Holmes series SINISTER HOUSE - *Sherlock Holmes: The Coronet Conspiracy* was released in October and has received a number of 5-star reviews from readers in the United States and across the pond, including *The Sherlock Holmes Magazine* (Issue #14) and *The Strand Magazine* (Watson's very own). The Audible version of the book was released in January. Book 2, *Sherlock Holmes: The French Conundrum*, was released in December and received more favorable reviews. The Audible version of Book 2 is in the works and should be available soon. Book 3, *Sherlock Holmes: The Synchrony Stratagem*, got a boost from a Kickstarter campaign, received a glowing prerelease review, and was published in May. The final book in the series, Book 4, *Sherlock Holmes: The Fall of Sinister House*, is forthcoming!

Jim's publisher recently created a separate section on the [MX Publishing](#) website titled The SINISTER HOUSE COLLECTION. When the release date for Book 4 is announced, all the books will be available separately and in a four-book collector's set. All four books have the Arthur Conan Doyle Estate seal. And, before the end of the year, there will be another new Sherlock Holmes novel available, *Sherlock Holmes: The Hargreeves Incident*.

Ashley M. Hughes, PhD, MS, had two invited oral presentations at the 13th International Symposium on Human Factors and Ergonomics in Health Care (Chicago) for the Human Factors & Ergonomics Society this March: [The interprofessional patient safety conference: utilizing human factors engineering and systems thinking to advance beyond blame and shame](#) and [Integrating human factors to enhance healthcare distance simulation](#).

Ann James is back leading programs on Shakespeare for [Chicpspeare Production Company](#). After a 4-year hiatus (guess why), we're helping folks of all ages make sense of Shakespeare by using their senses—of sight, sound, movement, rhythm, style, and imagination. Brochures on the programs are available in the lounge at SAIL—to take to an English teacher, a librarian, or an activity director at a senior living community. Study guides for classroom use are also available.

[Rich Lazatin](#) just filmed his first pilot, "Truck It" with a premiere forthcoming this summer! He is also looking for new ways to collaborate with fellow Chicago artists. Feel free to reach out for any fun, artistic opportunities/projects!

Arielle Leverett is running the Chicago Marathon this year (Sun, Oct 13)! She is raising money for [Chicago HOPES for Kids](#). This organization provides resources to Chicago children living with housing instability. This group does really important work and it means a lot to her to raise money for them. Please consider [donating](#) and please also pass the link along to anyone else who may find it a worthy cause!

Timothy F. Murphy, PhD, was recently appointed to the university's Embryonic Stem Cell Research Oversight Committee (ESCRO), which oversees research conducted with cells derived from human embryos. In the past year, Dr. Murphy also served on the committee for the 2024 Awards for Creative Activity, which offers seed grants to UIC faculty for creative activity and creative activity dissemination in the fine, performing, and applied arts as well as the humanities and social sciences.

At the University of Chicago's 35th Annual MacLean Center Conference last October, Dr. Murphy

participated in the healthcare disparities and health policy paper session, presenting "The ethical case against prohibiting hormonal and surgical interventions for minors with gender dysphoria." In January, he took part in the University of Texas Medical Branch's Institute for Bioethics & Health Humanities 8th Annual Reproductive Ethics Conference, presenting "Access and equity in the imagined future of synthetic gametes." In February, Dr. Murphy presented "Ethics of paid sexual encounters among men" at the Association for Practical and Professional Ethics' 33rd Annual International Conference.

Dr. Murphy's recent and forthcoming publications include:

- Murphy TF, Parks JA. Degendering parents on birth certificates. *Persp Bio Med.* 2023;66(4):579-94. <https://muse.jhu.edu/article/909728>. Accessed 27 June 2024.
- Parks J, Murphy TF. Supervaluation of pregnant women is reductive of women [commentary]. *J Med Ethics.* 2023;50(1):29-30. doi: 10.1136/jme-2023-109508.
- Murphy TF. Moral claims for the subsidy of uterus transplantation [ch 8]. In: Hammond-Browning N, Williams NJ, eds. *International Legal and Ethical Perspectives on Uterus Transplantation*. Cheltenham, UK: Edward Elgar, [in press]:161-80.

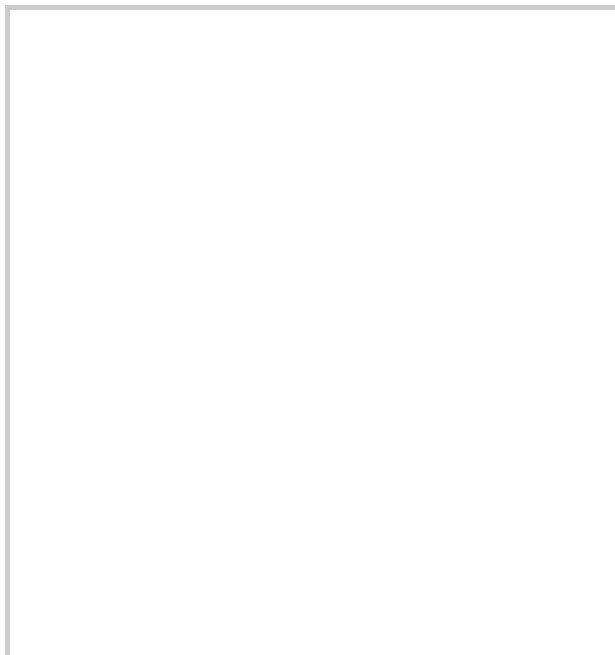
Aarti Raghavan, MD, MS, FAAP, Director, Patient Safety Leadership (PSL), was appointed Assistant Dean for Quality and Safety for the University of Illinois College of Medicine by Dean **Mark I. Rosenblatt, MD, PhD**, in March.

In May, two DME faculty members participated in the Program for Educators in Health Professions at the Harvard Macy Institute in Boston. **Dr. Geoffrey V. Stetson, MD** (see below), participated in the 2023-2024 cohort and **David Ansari, MSc, PhD** (see below), returned as faculty after completing the course in 2023. The program supports participants to develop expertise in learning sciences, curriculum design, and leadership development.

Based on his 2023 article, "[Healthcare and Cybersecurity: Taking a Zero Trust Approach](#)," **George Vukotich, PhD**, presented his work at the [QA&TEST 4th International Conference on Safety and Cybersecurity](#) (Madrid, Spain) in April.

CJ Wolf, MD, MEd, CPC, COC, had several workshops and presentations this spring, including "Creating Effective Compliance Training" for the Society of Corporate Compliance and Ethics (March 4-5; online workshop); "Current Compliance Issues in Physician Coding and Billing" for the Health Care Compliance Association's 28th Annual Compliance Institute (April 14; Nashville, TN); "False Claims Act Case Involving the New MDM E/M Guidelines" AAPC HEALTHCON (April 15; Las Vegas, NV); "Needles in the Haystack: Using Public Data Sources in Conflict-of-Interest Programs" for the Health Care Compliance Association's Higher Education & Healthcare Research Compliance Conference (June 12; New Orleans, LA).

Dr. Wolf's forthcoming summer workshops and presentations will include "[Creating Effective Compliance Training](#)" (July 22-23; online workshop) for the SCCE as well as a presentation for HEALTHCON Regional 2024 (August 26-28; Philadelphia, PA) for the American Academy of Professional Coders.



Knock, knock!
Who's there?
HIPPA.
Hippa who?
I'm sorry. I can't tell you.

DMEnews@uic.edu



Geoffrey V. Stetson, MD, presents on MedEdMentor.



L to R: Carrie C. Kelly, MD, FAAP, and Sara C. Wood, MD, MHPE ('16), FACOG, with David Ansari, MSc, PhD.

Calendar of Events

JULY

Mon, Jul 15 - Deadline to apply to PSL programs (2024 fall cohorts) || apply: <https://psl.uic.edu>

Wed, Jul 31 - **JOIN US!!!** ??? DME is currently inviting applications/nominations! Deadline to apply for an **open-rank, tenure-track faculty position** in assessment, data science, learning analytics, or other areas of HPE and medical education || apply:

<https://uic.csod.com/ux/ats/careersite/1/home/requisition/9685?c=uic>

AUGUST

Thu, Aug 1 - 2024 HPE Summer Conference: "The Emerging Role of Artificial Intelligence in Health Professions Education" || register: https://uic.ca1.qualtrics.com/jfe/form/SV_enVJTelfmQKa114

Sat, Aug 24 - Wed, Aug 28 - AMEE 2024 (Basel, Switzerland) - International Association for Health Professions Education || Please visit UI COM/DME at Stand 56! ???

NOVEMBER

Sat, Nov 9, 6:30-8:30PM - Learn Serve Lead: The AAMC Annual Meeting - UI COM/DME Reception ??? || Email invitation to follow. Please save the date!

Mon, Nov 18 - Deadline to submit material for inclusion in winter 2024 DME newsletter || email: DMEnews@uic.edu

DECEMBER

Sun, Dec 1 - Deadline to apply to MHPE program (2025 fall cohort) || apply:

<https://chicago.medicine.uic.edu/mhpe>

Tue, Dec 3 - **Giving Tuesday**

Please sign up to receive our biannual (Dec* Jul?) e-newsletter: <https://go.uic.edu/DMEnews>

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