

Mission: The mission of the Teaching Academy is to become a **community** of educators that leads **educational innovation** and scholarship by fostering diversity, equity, and inclusion and promoting faculty members' pursuit of **education excellence** and **scholarship**.

COMMUNITY

Teaching Academy Programs

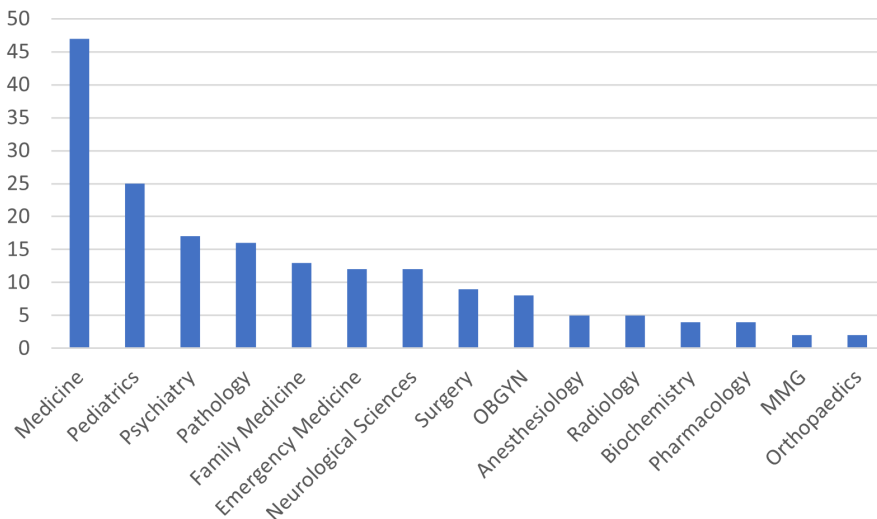
671

Attendees at Teaching Academy Programs

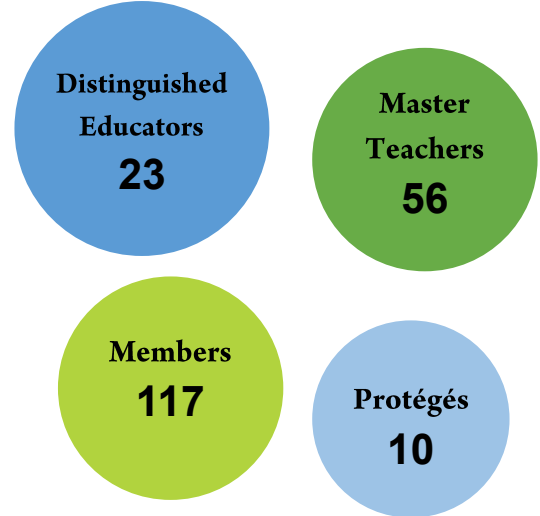
256

Unique participants

Departments Represented at Programs



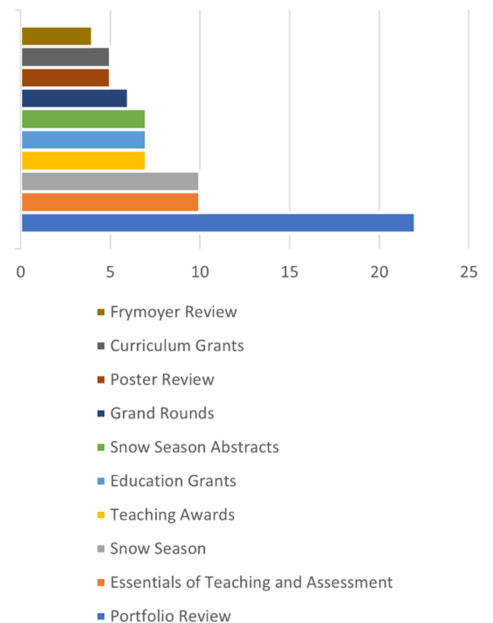
Current Membership



FALL New & Advancing Members = 11
SPRING New & Advancing Members = 14

Committee Service

How many members participated in Committee Service?



Program attendance also includes Staff from LCOM Dean's Office, Office of Medical Education, COMTS, and Students, Faculty and Staff from CNHS, Dana Health Sciences Library, Public Health

EDUCATIONAL INNOVATION



2023 Teaching Academy Curriculum Development and Educational Scholarship Award

Abigail Hielscher, PhD and Nathan Jebbett, PhD

High-Quality Educational Videos for Anatomical Curricula

Frymoyer Scholars Program Projects began July 2022

Jennifer Covino, MD; Nathaniel Meuser-Herr, MD; Colleen Pennington, BSN, RN; Disa Seymour, MS, RNC-MNN

Improving Newborn Resuscitation in the Community Hospital Setting with Physician-Nurse Led Distributed Practice of Simulation and Structured Debriefing

Emily Greenberger, MD; Jamie Rowell, MD; Jess VanNostrand, MD; Karen Dearborn, RN; Katie Dezotelle, RN; Teah Cardeilhac, RN; Deirdre O'Reilly, MD, MPH

Fostering the Qualities of Excellent Clinical Teachers in Medicine: Interprofessional Collaboration for Feedback, Coaching, and Assessment in Medical Education

Katie Wells, MD, MPH; Ashley McCormick, DO, Resident; Cate Nicholas, MS, PA, EdD ; Kathryn Collier, MD, Resident; Robert Althoff, MD; Nat Mulkey, MD, Resident; Kathy Walsh, MD; Eli Goldberg, MD, Resident; Laura Mulvey, MD; Emily Reed, MSW; Kyle DeWitt, PharmD; Louisa Smith, BSN, RN; Christopher Doran, BSN, RN; Erica Carlson, BSN, RN; Raenetta Liberty, MSN, RN; Alison Segar, MSW; Kell Arbor, MA

Building an Interdisciplinary Gender Affirming Care Model in the Emergency Department



UVMHN Medical Group Educational Scholarship Award Funding 1/1/23-12/31/24

“Building a Sense of Belonging and Improving Mentorship Skills: An Interprofessional BI-POC Mentorship Program for Health Professions Students”

PI: **Anisha Rimal, MD**, Pediatrics

Co-PI: **Miller Celestin, RN, MSN, CEN, CMSRN**, Nursing

TEACHING ACADEMY HIGHLIGHTS

- 2023 NEGEA Annual Conference Host
- Website Redesign
- NEW Monthly Portfolio Workshops



EDUCATIONAL EXCELLENCE

Essentials of Teaching and Assessment



September 29-30, 2022
Plenary: Strategies for Fostering and Supporting Diversity, Equity, and Inclusion in the Learning Environment *Lee Rosen, PhD; Rhiannon Wiley*
Plenary: Creating a Positive Learning Environment with *Nathalie Feldman, MD; Judith Lewis, MD*

Clinical Faculty Development Series



8 sessions for 2022-2023
This 3-part virtual faculty development series covered major topics for Medical Education during the Clerkship. This program is available to all teachers, residents, fellows, faculty, and staff (e.g., clerkship coordinators).

Snow Season Education Retreat



January 12-13, 2023
Plenary: Coaching in Medical Education: Why and How: *Karen Hauer, MD, PhD*, Associate Dean, Competency Assessment and Professional Standards; Professor of Medicine, UCSF

Teaching Academy Awards

- Innovation in Curriculum Development or Pedagogy Award**
L.E. Faricy, MD, Pediatrics
- Learner Assessment**
Bronwyn Bryant, MD, Pathology and Laboratory Medicine
- Educational Scholarship**
Molly Rideout, MD, Pediatrics
- Outstanding Contribution Award**
Anthony Williams, MD, Family Medicine
- Frederick C. Morin III, MD Educational Leadership Award**
Cynthia Forehand, PhD, Neurological Sciences



NEGEA 2023 Oral Abstract Presentation Awards

Nelly Karina Lopez, Erin Dunne, Kelly Mancini Becker, Alia Johnson, Michael Lawler, Cara Simone, Julia O'Connor, Karen Lounsbury. **A Systemic Approach to Reducing Bias in Preclinical Curriculum Materials at the Larner College of Medicine.** *University of Vermont, Larner College of Medicine.*
Kramer Wahlberg, Jennifer Holland, James Rohwer, Julia O'Connor, Michael DeSarno, William Hopkins, Jonathan Flyer. **Pediatric ACTIVE Learning Electrocardiography (PACE): Integrating asynchronous remote active learning in pediatric clinical medical education.** *University of Vermont, Larner College of Medicine.*

Members in LCOM Leadership Roles

5 Associate Deans

3 Department Chairs

Members' Promotions

Promoted to Associate Professor **9**

Promoted to Professor **8**

SCHOLARSHIP

Selected Publications

- Arti Shukla, PhD, "Shukla Research Lab Tests Limits of Asbestos Disease Science," on asbestos.com.
- Baecher-Lind L, Fleming AC, Bhargava R, Cox SM, Everett EN, Forstein DA, Madani Sims S, Morgan HK, Morosky CM, Royce CS, Sonn TS, Sutton JM, Graziano SC. Enhancing interprofessional collaboration and interprofessional education in women's health. *Med Educ Online*. 2022 Dec; doi: 10.1080/10872981.2022.2107419
- Berlin KEK, Gray MM, Myers PJ, Scheurer JM, Robin B, McLean C, O'Reilly D, French H, Vasquez MM, Castera M, Redford KM, Edgar L, Johnston LC. A new era of assessment for neonatal-perinatal medicine trainees: milestones 2.0. *J Perinatol*. 2023 Apr 24. doi: 10.1038/s41372-023-01683-8
- Brach R, Tzeng A, Yousef H, Tsai M, Greenbeger E. Recently matched students are effective residency application teachers. *Medical Education*. 27 Feb 2023. <https://doi.org/10.1111/medu.15043>
- Copeland WE, Shanahan L, McGinnis EW, Aberg KA, van den Oord EJCG. Early adversities accelerate epigenetic aging into adulthood: a 10-year, within-subject analysis. *J Child Psychol Psychiatry*. 2022 Nov;63(11):1308-1315. doi: 10.1111/jcpp.13575
- Copeland WE, Tong G, Gaydos L, Hill SN, Godwin J, Shanahan L, Costello EJ. Long-term Outcomes of Childhood Family Income Supplements on Adult Functioning. *JAMA Pediatr*. 2022 Oct 1; doi: 10.1001/jamapediatrics.2022.2946
- Esfandiari N, Benson P, Morley K. Wolf's isotopic response: A case of dermatomal granuloma annulare after COVID-19 vaccination. *J EADV Clin Pract*. 2022; 1–3. <https://doi.org/10.1002/jvc2.90>
- Esfandiari N, Bombardier N, Pierson JC. (2022). Bleeding complication following a shave biopsy in a patient taking ibrutinib. *Dermatology Online Journal*, 28(6). <https://doi.org/10.5070/D328659727>
- First LR, Kemper AR. Advancing Pediatrics During Turbulent Times. *Pediatrics*. 2022 Jan 1;149(1):e2021055184. doi: 10.1542/peds.2021-055184.
- First LR, Larson K, Puskarz J, Kemper AR. Our 75th Anniversary: A Time for Looking Back and Looking Ahead. *Pediatrics*. 2023 Jan 1;151(1):e2022060330. doi: 10.1542/peds.2022-060330. PMID: 36587013.
- Fortuna RJ, Tobin DJ, Sobel HG, Barrette EP, Noroha C, Laufman L, Huang X, Stagger KA, Nadkarni M, Lu LB. Perspectives of Internal Medicine Residency Clinics: A National Survey of Medical Directors. *Education for Health* 2022. DOI: 10.4103/efh.efh_75_22 10
- George MR, Johnson KA, Berg MP, Bryant BH, Childs JM, Dixon LR, Holloman A, Karp JK, Knollmann-Ritschel B, Lofgreen A, Prieto VG, Timmons CF, McCloskey CB. Factors influencing US osteopathic medical students to choose pathology as a specialty. *Acad Pathol*. 2022 Jun 11;9(1):100034. doi: 10.1016/j.acpath.2022.100034.
- Graves KK, Tsai M, Cassell A, Sobel HG. Combining Forces in Cyberspace: Mountain West and New England Join for a Virtual Meeting. *SGIM Forum*, April 2021 Issue
- Gray K, Ryan S, Churchill M, Harder VS. The Association Between Type of Supplementation in the Newborn Nursery and Breastfeeding Outcomes at 2 and 6 Months of Age. *J Hum Lact*. 2022 Jun 22. doi: 10.1177/08903344221105810
- Hadley Strout EK, Wahlberg EA, Kennedy AG, Tompkins BJ, Sobel HG. A Mixed- Methods Program Evaluation of a Self-directed Learning Panel Management Curriculum in an Internal Medicine Residency Clinic. *J Gen Intern Med*. 2022 Jun 16. doi: 10.1007/s11606-022-07507-3
- Hielscher A, Everse S. Virtual peer teaching in the anatomy lab. A format of peer teaching and learning during the Covid-19 pandemic. *MedEdPublish*. 2022. 12:48 (<https://doi.org/10.12688/mep.19178.1>)
- Holland JE, Rohwer JK, O'Connor JM, Wahlberg K, Desarno M, Hopkins WE, *Flyer JN. Development, feasibility, and initial evaluation of an active learning module for teaching pediatric ECG interpretation and entrustable professional activities to clinical medical students. *Academic Pediatrics* 2022. DOI: 10.1016/j.acap.2022.12.01420
- Holloman AM, Berg MP, Bryant B, Dixon LR, George MR, Karp JK, Knollmann-Ritschel BE, Prieto VG, Timmons CF, Childs JM, Lofgreen A, Johnson K, McCloskey CB. Experiential exposure as the key to recruiting medical students into pathology. *Acad Pathol*. 2023 Apr 13;10(2):100074. doi: 10.1016/j.acpath.2023.100074
- Huggett KN. 2022. Selecting a Conceptual Framework. In Wisco JJ (Ed.), *A toolkit for explorers in medical sciences educational scholarship: From ideas to dissemination*. International Association of Medical Science Educators (IAMSE) Publications. <http://www.iamse.org/wp-content/uploads/2022/06/ESC-IAMSE-Toolkit-1.pdf>
- Infeld M, Wahlberg K, Cicero J, Plante TB, Meagher S, Novelli A, Habel N, Krishnan AM, Silverman DN, LeWinter MM, Lustgarten DL, Meyer M. Effect of Personalized Accelerated Pacing on Quality of Life, Physical Activity, and Atrial Fibrillation in Patients With Preclinical and Overt Heart Failure With Preserved Ejection Fraction: The myPACE Randomized Clinical Trial. *JAMA Cardiol*. 2023 Feb 1. doi: 10.1001/jamacardio.2022.5320.
- Keyes LE, Schlein SM, Brown AB, Polukoff NE, Byrne A, Pollock NW. Gender Distribution Associated With the Journal Wilderness & Environmental Medicine. *Wilderness Environ Med*. 2022 Sep;33(3):267-274. doi: 10.1016/j.wem.2022.04.005
- Klick JC, Black IH, Tsai MH. Critical Care: Regionalization Is Necessary. *Anesth Analg*. 2022 Nov 1;135(5):e39-e40. doi: 10.1213/ANE.0000000000006199
- Kneer K, Zhang E, Harkness T, Lahey T, Lounsbury K. Integrating social determinants of health principles into the preclinical medical curriculum via student-led pedagogical modalities. *BMC Med Educ* 23, 210 (2023). <https://doi.org/10.1186/s12909-023-04152-0>
- Lentz S, Weisman A, Ship J, Siket MS. A case for lifelong learning in emergency medicine: The perspective from a rural state. *AEM Educ Train*. 2023 Mar 26;7(2):e10860. doi: 10.1002/aet2.10860
- Lynch TV, Beach IR, Kajtezovic S, Larkin OG, Rosen L. Step Siblings: a Novel Peer-Mentorship Program for Medical Student Wellness During USMLE Step 1 Preparation. *Med Sci Educ*. 2022 Jun 13:1-8. doi: 10.1007/s40670-022-01571-4
- Madani Sims S, Cox S, Bhargava R, Everett EN, Fleming A, Graziano S, Morgan HK, Baecher-Lind L, Royce C, Sonn T, Sutton J, Morosky C. Clerkship Director Confidence in Medical Student Career Advising in Obstetrics and Gynecology. *AJOG Global Reports* (2023), doi: <https://doi.org/10.1016/j.xagr.2023.100187>

SCHOLARSHIP

Selected Publications (cont.)

- Marroquin BM. Wake up to the gender gap in academic anesthesiology and address the pipeline. BUMC Proceed; published online Oct 2022
- McCloskey CB, Brissette M, Childs JM, Lofgreen A, Johnson K, George MR, Holloman AM, Bryant B, Berg MP, Dixon LR, Karp JK, Knollmann-Ritschel BEC, Prieto VG, Timmons CF, Hoffman RD. How influential are medical school curriculum and other medical school characteristics in students' selecting pathology as a specialty? *Acad Pathol.* 2023 Apr 13;10(2):100073. doi: 10.1016/j.acpath.2023.100073
- Morosky CM, Cox SM, Craig LB, Everett EN, Forstein DA, Graziano SC, Hampton BS, Hopkins L, Sims SM, McKenzie ML, Royce C, Morgan HK. Integration of health systems science and women's healthcare. Undergraduate Medical Education Committee (Association of Professors of Gynecology and Obstetrics). *Am J Obstet Gynecol.* 2022 Aug;227(2):236-243. doi: 10.1016/j.ajog.2022.04.038
- Nenninger A, Ball SJ, Kennedy AG, Regier LD. "You're on mute"-lessons learned with virtual academic detailing. *J Am Pharm Assoc.* 2022 Feb 11;S1544-3191(22)00055-3. doi: 10.1016/j.japh.2022.02.002. PMID: 35246402
- Neurosarcoidosis: Phenotypes, Approach to Diagnosis and Treatment. J, Roy-Hewitson C, Bullis SSM, DeWitt JC, Soares BP, Dasari S, Nevares A. *Neurosarcoidosis: Phenotypes, Approach to Diagnosis and Treatment. Curr Rheumatol Rep.* 2022 Oct 12. doi: 10.1007/s11926-022-01089-z.
- Onuigbo MA. A Four-Year Report on Renal Outcomes Following the Elective Withdrawal of Long-Term Renin-Angiotensin-Aldosterone Blockade in a Cohort of Patients With Otherwise Inexplicable New-Onset and Progressive Acute Kidney Injury. *Cureus* 14(10): e30794. doi:10.7759/cureus.30794
- Pulcini CD, Goyal MK, Hall M, De Souza HG, Chaudhary S, Alpern ER, Fein JA, Fleegler EW. Two-Year Utilization and Expenditures for Children After a Firearm Injury. *Am J Prev Med.* 2022 Sep 5;S0749-3797(22)00380-4. doi: 10.1016/j.amepre.2022.07.007
- Pulcini CD, Raphael JL, Lopez KN. Translating Research into Child Health Policy: Aligning Incentives and Building a New Discourse. *Pediatr Clin North Am.* 2023 Feb;70(1):151-164. doi: 10.1016/j.pcl.2022.09.012.
- Ricotta D, Freed J, Hale A, Targan E, Smith CC, Huang G. A Resident-as-Leader Curriculum for managing inpatient teams. *Teaching and Learning in Medicine, Jan 2022.* Online before print. PMID 35023796;
- Rideout M, Dawlett M, Plant J, Chitkara M, Trainor JL. Essential yet ill-defined: leadership roles to support fourth-year medical students in pediatrics. *Med Educ Online.* 2021 Dec;26(1):1950108. doi: 10.1080/10872981.2021.1950108. PMID: 34232843; PMCID: PMC8266242.
- Rideout M, Schwartz A, Devon EP, Burns R, Skurkis CM, Carter M, Hartke A, Raszka WV Jr; APPD LEARN/COMSEP Boot Camp Study Group. How Prepared Are They? *Pediatric Boot Camps and Intern Performance. Acad Pediatr.* 2022 Sep-Oct;22(7):1237-1245. doi: 10.1016/j.acap.2022.05.005
- Rossi AL, Wyatt TR, Huggett KN, Blanco MA. When I say... diversity, equity and inclusion (DEI). *Medical Education.* 2022 Jul;56(7):701-2.
- Royce CS, Morgan HK, Baecher-Lind L, Cox S, Everett EN, Fleming A, Graziano SC, Sims SM, Morosky C, Sutton J, Sonn T. The time is now: addressing implicit bias in obstetrics and gynecology education. *Am J Obstet Gynecol.* 2023 Apr;228(4):369-381. doi: 10.1016/j.ajog.2022.12.016
- Schiller PT, Wong CJ, Golob AL, Kimel-Scott K, Sobel HG, Pasanen ME, Pincavage AT. Internal Medicine Intern Preparedness to Document Clinical Encounters in the Era of Open Notes. *Journal of General Internal Medicine.* 38, 1556-1558 (2023).
- Schlein SM, Pollock NW, Polukoff NE, Brown AB, Byrne A, Keyes LE. Gender Equity in Membership, Leadership, and Award Recognition in the Wilderness Medical Society. *Wilderness Environ Med.* 2022 Sep;33(3):275-283. doi: 10.1016/j.wem.2022.04.006.
- Seagrave MP, Foster-Johnson, L, Waits, JB, et al. Enhancing Examination Success: the Cumulative Benefits of Self-Assessment Questions and Virtual Patient Cases. *Med.Sci.Educ.* (2022). <https://doi.org/10.1007/s40670-022-01568-z>
- Sobel HG, Kennedy AG, Holterman LA, Brooklyn JR, Hilekos, A, Nichols, C, Riser E. Assessment of an Observed Clinical Skills Exam in Undergraduate Medical Education: A Patient with Opioid Use Disorder and Chronic Pain. *Journal of Addictive Diseases.* 18 May 2023. <https://doi.org/10.1080/10550887.2023.2210018>
- Sobel HG. AAIM Primary Care Track Toolkit, Third Edition 2022 Part I: How Does a Primary Care Track Differ from a Categorical Track? Authors: HG Sobel and Y. Saco Part II: Teaching Chronic Disease Management Authors: HG Sobel and M. Lo Part III: Preparing Primary Care Residents for Real Life Practice Authors: J Ojeda and HG Sobel
- Ulasi II, Awobusuyi O, Nayak S, Ramachandran R, Musso CG, Depine SA, Aroca-Martinez G, Solarin AU, Onuigbo M, Luyckx VA, Ijoma CK. Chronic Kidney Disease Burden in Low-Resource Settings: Regional Perspectives. *Semin Nephrol.* 2023 Apr 12;42(5):151336. doi: 10.1016/j.semnephrol.2023.151336
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- Wahlberg KJ, Mughal A, Li Zhaojin, Cipolla MJ, Cushman M, *Flyer JN. The impact of a preclinical medical student mentored summer research experience in cardiovascular disease on scholarship and career trajectory. *British Medical Journal Open* 2022; 12 e059629. doi.10.1136/bmjopen-2021-059629
- Wahlberg KJ, Pay T, Repp AB, Wahlberg EA, Kennedy AG. Effect of Patient Safety Curriculum for Internal Medicine Residents on a Health Care System. *ATS Sch.* 2022 Mar 11;3(1):156-166. doi: 10.34197/ats-scholar.2021-0088IN
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- Wisco JJ, Huggett KN. 2022. Identifying Sources of Funding. In Wisco JJ (Ed.), A toolkit for explorers in medical sciences educational scholarship: From ideas to dissemination. International Association of Medical Science Educators (IAMSE) Publications. <http://www.iamse.org/wp-content/uploads/2022/06/ESC-IAMSE-Toolkit-1.pdf>
- Zhang B. Kill Two Birds with One Stone: Convert Didactic Lecture to Active Engaged Learning Using Reflective and Collaborative Writing. *Med Sci Educ.* 2022 Jul 7;32(4):769-770. doi: 10.1007/s40670-022-01588-9
- Zuckerman A, Robinson KJ, Twichell SA, Bonenfant N, Naud S, Runte KE, Couser S, First LR, Flyer JN. Increasing Pediatric Morning Report Educational Value Through Quality Improvement. *Pediatrics.* 2022 Jul 1;150(1):e2021053103. doi: 10.1542/peds.2021-053103. PMID: 35730343. 50.

SCHOLARSHIP

Resources to Support Scholarly Activity

Educational
Research
Scholarship
Series

Medical
Education
Grand
Rounds

IAMSE
Webinar
Series

Manuscript
Marathon

Writers
Workshop

Medical Education Fellowship Program 2022-2023 Cohort

- Justin DeAngelis, MD
- Abigail Hielscher, PhD
- Naomi Hodde, MD
- Kathleen Monforte, DNP, RN, PCCN
- Laura Mulvey, MD
- Sara Roberts, MD
- Jamie Rowell, MD
- Katelyn Shea, MD
- Kramer Wahlberg, MD
- Diana Wilson, MD

The Medical Education Fellowship Program is a monthly, cohort-style program for Larner College of Medicine faculty who seek additional preparation for teaching and educational scholarship across the medical education continuum.

COMING IN 2024



Medical Education Grand Rounds

February 9-March 8-April 5

May 10-June 17

Spring Writing Retreat for Medical Educators

March 22

Writers Workshop

3rd Thursday of the month

