



Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 2.5 ACPE knowledge-based contact hours. Participants should only claim credit commensurate with the extent of their participation in the activity.

Universal Activity Number (UAN): JA0000238-0000-23-147-L01-P

Family Medicine Forum

Tuesday, November 7, 2023, 5 pm – 8 pm CT

Hilton Rochester Mayo Clinic Area Hotel (10 East Center Street, Rochester, MN) and Livestream

Course Director: Gregory M. Garrison, M.D.

All times noted are Central Time (CT)

- 5:00 pm – 6:00 pm** **Poster Viewing (see the list of posters below) – John Noseworthy Hall**
<https://voicethread.com/login/join/group/23703770/unpromoted/7eaa58df4>
- 6:00 pm – 6:30 pm** **Welcome/Opening Remarks (Livestream begins)**
Gregory M. Garrison, M.D., Vice Chair of Education, Family Medicine
- Family Medicine Research Awards Presentation**
Tom Thacher, M.D, Vice Chair of Research, Family Medicine
- 6:30 pm** **Reducing Inappropriate Antimicrobial Prescribing in Upper Respiratory Tract Infections by Family Medicine Advance Practice Providers in the MCHS-SEMN River Corridor**
Brian Burroughs, PA-C, Christina Carney, APRN, CNP, DNP, Kelsey Jensen, Pharm.D., R.Ph
- 6:34 pm** **Building a Natural Language Processing AI to Predict Suicide-Related Events Based on Patient Portal Message Data**
Keldon Lin, MS (Presenting via Zoom), Archis Bhankarker, M.D., MS, Namrat Arya, Fredrick North, M.D., Michelle Duvall, M.D., Nathaniel Miller, M.D., Jennifer Pecina, M.D.
- 6:38 pm** **Establishment of a Process to Identify Patients with Mental Health Diagnosis who may Benefit from Pre-emptive Pharmacogenomics Testing in the Primary Care Setting and to Utilize Drug-Gene Guidelines to Improve Patients' Medication Experience at Mayo Clinic**
Eric Matey, Pharm.D., R.Ph., Razan El Melik, Pharm.D., R.Ph., Serna Mitaly, Susan Wescott, R.Ph., MBA, Caer Vitek, Ed.D., MS, Sonia Martindale-Mathern, MHA, MBA, Denise Dupras, M.D., Ph.D., Isa Houwink, M.D., Ph.D., April Craig, Bryan Buechel, Pharm.D., R.Ph., MBA, Jessica Wright, Pharm.D., R.Ph
- 6:42 pm** **Relationship between Social Determinants of Health and Diabetes Metrics in a Large US Health System**
Jessica Sosso, M.D., MPH, Karen Fischer, MPH, Jerry Sobolik, MBA, Michelle Lampman, Ph.D., Julie Maxson, CCRP, Gregory Garrison, M.D., Randy Foss, M.D., Dominika Jegen, M.D., Stephen Stacey, D.O., Summer Allen, M.D., Tom Thacher, M.D.
- 6:46 pm** **Questions and Answers/Best Medical Student Poster Award**
Moderator: Gregory M. Garrison, M.D.



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6:56 pm	Towards a Smoother Transition: Improving Discharges to Skilled Nursing Facilities Adria Whiting, APRN, CNP, Alexandra Bates, DNP, RN
7:00 pm	Creation and Initial Validation of the Mayo Outpatient Precepting Evaluation Tool (MOPET) Brandon Hidaka, M.D., Ph.D. (Presenting via Zoom), Deirdre Paulson, Ph.D., L.P. ABBP, Terri Nordin, M.D.
7:04 pm	Evaluation of the Interprofessional Delivery of Diabetes Medication Management Training Among Family Medicine Residents Brittane Samuelsen, M.D., Nathaniel Miller, M.D., Amanda Davis, Pharm.D., R.Ph., Stacy Reiser, RN, CDCES, Cheyenne Baumgartner, RN, Bridget Gordon, MSN, RN, Tom Billings, DO
7:08 pm	Qualifying Volume and Disparities in Electronic Workload Elizabeth Cozine, M.D., Van Pham, APRN, CNP, DNP, Meghan Theofiles, M.D., Sean Phelan, Ph.D., Lorelle Ziegelbauer, Todd Huschka, MS, Justin Poe, CSM, Jennifer Lamers, MBA, PMP
7:12 pm	Questions and Answers/Best Resident Poster Award Moderator: Gregory M. Garrison, M.D.
7:22 pm	The Feasibility of Primary Care Referrals to Community-Based Lifestyle Program for the Management of Obesity Tamim Rajjo, M.D., Stephanie Ahrens, APRN, CNP, MSN, Kim Beckstrom, APRN, CNP, DNP, Tara Kaufman, M.D., Ramona DeJesus, M.D., Rachel Havyer, M.D., Ivana Croghan, Ph.D., Sean Phelan, Ph.D.
7:26 pm	Integration of a Tobacco Treatment Specialist into Primary Care: Perception from Multidisciplinary Team Amanda Meyer, APRN, CNP, DNP, Abby Cervenka, RN, Lacey Lammers, MSN, RN, Joseph Frust, M.D.
7:30 pm	Reducing Patients with Unspecified Allergic Reaction to Penicillin at San Tan Family Medicine Clinic Through Specification and Delabeling Angie Ton, M.D., Daniel Ilges, Pharm.D., R.Ph, BCIDP, Ayrelle Selck, LPN, Selina Brandse
7:34 pm	KGE – K(c)linic Group Based Education – Interdisciplinary Group-based for General Practice Hanne Hjortakjaer Peterson, M.D. and Mark Lee Larsen, M.D.
7:44 pm	Questions and Answers Moderator: Gregory M. Garrison, M.D.
7:54 pm	Closing Remarks/Audience Favorite Presentation Award Gregory Garrison, M.D.
8:00 pm	Adjourn



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Family Medicine Forum

Poster Session

5:00 pm – 6:00 pm

Poster Viewing – John Noseworthy Hall

<https://voicethread.com/login/join/group/23703770/unpromoted/7eaa58df4>

- 01. Effects of Time Restricted eating on Obesity: Comparing windows of Eating to Achieve Weight Loss in Overweight and Obese Adults: A Pilot Study**
Bradley A. Bohn, MD, Jithin Edakkanambeth Varayil, MD, Tamim Rajjo, MD, Julie Maxson, CCRP, Erin O'Dowd, Tom Thatcher, MD
- 02. Utility of Dermoscopy Training in Improving Diagnostic Accuracy of Skin Lesions Amongst Physician Assistant Students.**
Hayden Middleton, DMSc, PA-C, David Swanson, MD, Julio Sartori-Valinotti, MD, Danielle O'Laughlin, PA-C, MS, Van Pham, APRN, FNP-C, DNP, Christopher Boswell, MD
- 03. An Unexpected Derm Diagnosis: Amelanotic Spitzoid Melanoma**
Hayden Middleton, DMSc, PA-C, Jenny Link, MD, Christopher Boswell, MD,
- 04. Individualized Predication and Prevention of Critical Illness in Older Adults.**
Christopher Boswell, MD, Amelia Barwise, MB, BCh, BAO, Yue Dong, MD, Ognjen Gajic, MC, Svetlana Herasevich, MD, Juan Garcia-Mendez, Sara Minteer, Ph.D.
- 05. Clinician Perspectives on the Acceptability and Feasibility of an Ecological Approach to Group Well Child Care.**
Ishaan Shah, Nina Ham, Hassan Lubega, Christopher Boswell, MD
- 06. Friday Night Lights: Varsity Blues and a Rare Lesion Too!**
Drake Matuska, MD, Alecia Gende, DO
- 07. Comparison of Ambulatory Quality Measures Between Shared Practice Panels and Independent Practice Panels.**
Adria Whiting, APRN, CNP, April Poolman, APRN, CNP, Artika Misra, MD, Joel E. Gordon, MD, Kurt B. Angstman, MD.
- 08. Exploring the Physicians Educational Needs and Preferences in Pharmacogenomics.**
Maaïke Ferwerda, Jessica Wright, Pharm.D., Jesse Swen, Pharm.D., Ph.D., Elisa Houwink MD, Ph.D.
- 09. Review of Literature on Primary Care Implementation of CYP2D6 Genetic Testing**
Pedro Del Cioppo Vasques, Med. Student, Richard Roden, Med. Student, Brianna Konwinski, DO, Elisa Houwink, MD, Ph.D.
- 10. Veggie Rx- Addressing Diabetes Care through a Community Based “Farmacy” Initiative**
Randy Foss, MD, Katie Hinderaker, MD, Brian Burroughs, PA-C., Brian Malyon, MD, Amy DeJong, MD, Renee Weatherly, Elise Tipcke, Julie Malyon, RN
- 11. Implementation of an ED to Primary Care Transfer Protocol for Low-Risk ED Patients.**
Randy Foss, MD, Elizabeth Bermudez, MD, Jennifer Horn, MD, Chris Gulden, MA, Brian Burroughs, PA-C, Michelle Lampman, Ph.D., Matthew Bernard, MD, Renee Weatherly, Joann Schulte, MBA, Derick Jones, MD, MBA



- 12. Treatment of Prediabetes with Metformin in Patients Taking an Antipsychotic: A Retrospective Analysis of Clinical Practice.**
Brian Burroughs, PA-C, Randy Foss, MD
- 13. Increased Head Circumference in Infant**
Kelley R. Devoe, DO, LaRae L. Seemann, MD, Joshua Broadman, MD, George G.A. Pujalte, MD.
- 14. Are Clinical Trials for insomnia recruiting Real-World Patients?**
Raphael Golebiowski, Meghan Mansukhani, MD Bhanuprakash, Kolla, MBBS, MD
- 15. First and Second Year Medical Students Perceptions of Having NPs and PAs as Clinical Preceptors in Family Medicine**
Kimberly Rogers, DNP, FNP-C, Melanie Frederickson, DNP, FNP-C, Michelle Winscott, MD, Rachel Ziebart, MS, II, Erin Green, Jesse Bracamonte, DO
- 16. Drinking the Disease – Do we Know about Arsenic in well Water and Do we Care?**
Dominika Jegen, MD, Julie Maxson, MD, Randy Foss, MD, Ivana Croghan, Ph.D., Jessica Sosso, MD, MPH, Tom Thacher, MD
- 17. Relationship between Social Determinant of Health and Colorectal Screening / Surveillance in a large US Health System**
Jessica Sosso, MD, MPH, Karen Fischer, MPH, Jerry Sobolik, MBA, Michelle Lampman, PhD, Julie Maxson, CCRP, Gregory Garrison, MD, Randy Foss, MD, Dominika Jegen, MD, Stephen Stacey, DO, Summer Allen, MD, Tom Thacher, MD
- 18. Smartphones Aggravation Anxiety Symptoms- an Experimental Study from SEMN**
Gagandeep Singh, MD, Tom Thacher, MD, Randy Foss, MD, David Rushlow, MD, Gregory Garrison, MD
- 19. In-Vivo Effects of Fentanyl on Tonic Serotonin Levels**
Barbara Hanna, BS, Juan Rojas Cabrera, BS, Kristen M. Scheitler, MD, Yoonbae Oh, Ph.D., Hojin Shin, Ph.D., Kendall Lee, MD, Ph.D.
- 20. Association Between Menopause Status, Hormone Therapy, and Severe Outcomes in COVID-19.**
Vrinda Munjal, MB.BCh.,BAO, Carol L. Kuhle, DO, MPH, Samantha Mannion, MD, Ivana Croghan, Ph.D., Karen Fischer, MPH, Jennifer St. Sauver, Ph.D., Ekta Kapoor, MBBS, Dietlind Wahner-Roedler, MD.
- 21. Acceptability and Feasibility of Vaginal Swab Self-Collection for Cervical Cancer Screening.**
Kathy MacLaughlin, MD, Margaret Long, MD, Julie Maxson, CCRP, Matthew Meunier, MD., Robert Jacobson, MD, Matthew Binnicker, Ph.D
- 22. Cervical Cancer Screening and Primary HPV Test Uptake in Mayo Clinic Midwest**
Katie Ehman, MD, MPH, Taylor Cammack, DO, Brittanee Samuelson, MD, Rebecca Stoll, DO, Julie Maxson, CCRP, Greg Jenkins, MS, Jessica Grimm, MS, Kathy MacLaughlin, MD
- 23. What is the Relationship between Electronic Health Record (EHR) use and Advanced Practice Provider (APP) Turnover?**
Kathryn King, APRN, CNP, MSN, Jennifer Bold, APRN, CNP, MSN, Kellen Lambeau, APRN, CNP, DNP, Renee Weatherly, Karen Fischer, MPH, Kathy MacLaughlin, MD.
- 24. Episodic Cocaine Use as a Cause of Venous Thromboembolism and Acute Liver Injury**
Khyati Patel, MBBS, International Medical Graduate, Kyle C. Thomas, MD, Stephen Stacey, DO
- 25. Correlation of Risk in Antibiotic Use and Colon Cancer in Olmsted County.**
Rami Basmaci, MD, Olena Chuzhyk, MD, Ph.D., Katherine Ehman, MD, MPH, Ruchi Gupta, MS, Shennin Hudoba, MD, MS, Komal Gangar, MD, Tom Thacher, MD
- 26. Pilot Study: Inter-Rater Reliability of a Suture Assessment Tool**
Dillion Lundstrom, MD, Elizabeth Husted, MD Stephen Stacey, DO



- 27. Barriers to Fresh Fruits/ Vegetables Access in Adult Patients in the Mayo-LaCrosse Family Medicine Residency Clinic**
Benita Lin, MD Jenna Mullins, MD, Alexander Mortensen, MD, Brooke Evenson, RMA, Maggie Prom, LPN, Stephen Stacey, DO
- 28. Hiccup Relief Using Active Prolonged Inspiration: A Retrospective Case Series**
Michael Bassett, MD, Stephen Stacey, DO
- 29. Primary Care Workload Experience**
Stephen Stacey, DO, Tom Thacher, MD, Erin Westfall, DO, Susan Laabs, MD, Augustine Chavez, MD, Richard Presutti, DO, Rodney Erickson, MD
- 30. Prevalence of Lower Extremity Edema in Pregnant Females**
Nandita Ganne, DO, Alyssa Polk, DO, Kaila Anderson DO, Stephen Stacey, DO
- 31. Physiological Demands of a self-paced firefighter air-management course and determination of work efficiency**
Andrew Jagim, PhD, Joel Luedke, Jacob L. Erickson, DO
- 32. Resident Quality Improvement Project: Taking a “Dump” on Colorectal Cancer.**
Camry Kelly, DO, Eric Leveille MD, MPH, Manpreet Nijjer, M.B., B.Ch., Nathaniel Miller, MD, Kathy MacLaughlin, MD
- 33. Resident QI Project to Improve Control of Pediatric Asthma**
Halden Nielsen, DO, Vrinda Munjal, M.B., B.Ch., B.A.O., Hannah Scott, M.B., B.Ch., B.A.O., Taylor Cammack, DO, Devin Wright, DO, Hope Brus, MD, Katherine Schupack, DO, Nathaniel Miller, MD.
- 34. Just in the Nicotine**
Brittane Samuelson, MD, Rebecca Stoll, DO, David Cline, MD, Madison McLachlan, Do, Ashley Stantz, MD, Audrey Potts, MD, Sara Shu, DO, Christina Barsoum, DO, Fred Davis, IV, DO, Nathaniel Miller, MD
- 35. Yoga Nidra for Family Medicine Residents: Effects on State Anxiety, Attitudes, and Beliefs**
Rachel Wasson, Ph.D., CYT, Brittane Samuelson, MD, Vrinda Munjal, M.B., B.Ch., B.A.O., Audrey Potts, M.B., B.Ch., B.A.O., Katherine Schupack, DO, Cesar Gonzalez, Ph.D., A.B.P.P., L.P.
- 36. Improving Colorectal Cancer Screening In the Family Health Clinic**
Elizabeth Husted, MD, Dillion Lundstrom, MD, Alyssa Polk, DO, Ricky Aguayo, DO, Jenna Mullins, MD, Harsh Patel, MBBS, Kristina Schlecht, MD, John Merfeld, MD
- 37. Increasing Influenza Vaccination Rates in the Mayo La Crosse Family Health Residency Clinic**
Tejal Shelat, MBBS, Jiwan Toor, DO, Benita Lin, MD, Nadita Ganne, DO, Michael Bassett, MD, Alexander Mortensen, MD, Karen Cowan, MD, Edward Malone III, MD
- 38. Staying on CUUE**
Jessica Michalak, APRN, CNP, DNP, Walter Franz III, MD
- 39. Creating the Family Medicine Care Team of the Future**
Marc Matthews, MD, Jason Greenwood, MD, MS, Tony Spaulding, MS, Jason O’Grady, Sr., MD, Gerry Greaney, Maggie Paul, Ph.D., Olena Chuzhyk, MD, Ph.D., David Rushlow, MD
- 40. An Escape from Routine: Faculty Development Structured as an Escape Room**
Matthew Meunier, MD, Cesar Gonzalez, PhD, LP, ABPP
- 41. A Quality Improvement and Safety Intervention Project: Improving Weight Loss Goals while Ensuring Safety in Patients with a BMI (of >25) who are provided a Weight Loss Medication. A Multidisciplinary Team Approach.**



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Michael Underhill, DO, Jesse Bracamonte, DO, K. Drechsel, APRN, DNP, Sarah McCall, RN, Aryelle Selck, LPN, Angela Coulter, Pharm. D., Stephanie Boyle, RN, MSN Tiffany Fendell, MBA, RN, AMB-BC

42. Ultrasonic Tenotomy as a Treatment of Partial Rotator Cuff Tear of the Supraspinatus Tendon: A Pilot feasibility Study.

Jacob L. Erickson, DO, Corey Wencl, ATC, Andrew Jagim, Ph.D.

43. Enhancing Adult Asthma Control Measurements through the Collaboration of a Diverse Panel Management Team.

Ramona Sharma, MD, Selina Brandse, MS, Terri Riffle, RN, Allona Metcalf, LPN, Julie Gaulke, LPN, India Dayrit, LPN, Michelle Quinn, LPN, Kristie Kostecky, LPN, Jalessa Cothrun, CMA, Angie Ton, MD, Clay Walker, PA-C, Andria Tadeo, Ginger Borneman, RT

44. The Needs of our Patients Come First, and not at the Expense of our Staff...Addressing Patient and/or Visitor Misconduct in a Primary Care Clinic Setting.

Claire Reeve, MBA, Jonathan Good, MBA, Anne Rolli, Jerry Sobolik, MBA, Kaia Yngve, MPH, FACHE

45. Teaching Skin Health and Sun Safety to Underserved Middle School Students in the Minneapolis Public School District

Muhab Abdelwahab, BA, Rewan Abdelwahab, BA

46. Street Medicine Initiative in Rochester, MN

Evdokiya Knyazhanskaya, Jessica Trinh, Anjie Ge, Luqman Ellythy, Jeffrey Woods, Jordan Holthe, Nada Abou- Haiba, Hanin Ali, B. Michelle Kim, Sanjeev Mishra, Zoe Fanning, Beth Kangas, Ph.D., Robert Hyde, MD

47. Connecting Medical Students to the Community: Development and Implementation of a Street Medicine Curriculum

Jeffrey Woods, Laura Faubion, Youn-Hun Kim, Ejla Elalaoui, Tatsumi Yanaba, Beth Kangas, Allison Ducharme-Smith

48. Using a PHQ-9 Heat Map to Aid Clinical Decision Making

Steven Rosas, MD, Mark Deyo-Svendsen, MD, Michael Phillips, MD, Christopher Martinez, DO, Rachael Taylor, PA-C, Robert Taylor, DO, Austin Fowler, Lauren Casey.

49. KGE – K(c)linic Group Based Education – Interdisciplinary Group Based Learning for General Practice.

Dr. Hanne Hjortkjaer Petersen, Dr. Mark Lee Larsen

50. Implementation of Peer Comparison Reports and Academic Detailing Sessions to Reduce Inappropriate Antimicrobial Prescribing Rates Among Family Medicine Providers

Brian Burroughs, MSPAS, PA-C, Christina Carney, APRN, CNP, DNP, Kelsey Jensen, Pharm.D

51. 2023 Family Medicine Publications