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UAN number: JA0000238-0000-24-177-L01-P

Family Medicine Forum

Monday, November 4, 2024, 5 pm – 8 pm
Hilton Rochester Mayo Clinic Area Hotel
10 East Center Street, Rochester, MN, and Livestream

All times noted are Central Time (CT)

Course Director:

Gregory M. Garrison, M.D.

- 5:00 pm – 6:00 pm** **Poster Viewing (please see the list of posters on page 4 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** **Congruency of Symptom Choice Between Patients Performing Self-Triage and Nurse Phone Triage**
Nathaniel Miller, MD, Elizabeth Curry, DO, Jennifer Pecina, MD
- 6:34 pm** **The Epidemiology of Geriatric Fall Injuries and Risk Factors for Hospitalization: A Large Database Analysis**
Andy Tom, BS, MCASOM, Adam Schluttenhofer, BS, MCASOM, Sergio M. Navarro, MD, MBA
- 6:38 pm** **Enriching the PINCER Indicators with Pharmacogenomics to Improve Prescribing Safety, Efficacy and Cost Efficiency in Primary Care Practice: A Retrospective Perspective**
Elisa J. Houwink, MD, Ph.D., Adrianna D. M. Clapp, MD, Jessica A. Wright, Pharm.D., Sara Rodgers, Ph.D., Amelia Taylor, Ph.D., Brianna Konwinski, DO, Rami Bamaci, MD, Blake A. Kassmeyer, MS, Jason P. Sinnwell, Eric T. Matey, Pharm.D., Razan M. El Melik, Pharm. D., Suzette Bielinski, Ph.D.

- 6:42 pm** **Weight Loss Outcomes with Tirzepatide in Postmenopausal Women with and without Hormone Therapy.**
Dima Bechenati, MD, Elif Tama, MD, Regina Castaneda, MD, Rene de J. Rivera Gutierrez, MD, Maria A. Espinosa, MD, Andrea Acosta, MD, Ph.D., Stephanie S. Faubion, MD, MBA, Chrisandra L. Shufelt, MD, MS, Tamim Rajjo, MD, MPH, Maria Hurtado, Andrade, MD, Ph.D.
- 6:46 pm** **Questions and Answers/Best Medical Student Poster Award**
Moderator: Gregory M. Garrison, M.D.
- 6:56 pm** **A Multidisciplinary Collaboration to Improve Treatment Access to Opioid Use Disorder in Primary Care: A Bottom-Up Approach to Saving Lives**
Benjamin Lai, MB, BCh, BAO, FAAFP, Jessica Richardson, APRN, CNP, MSN, Megan Monson, RN, CLC, Devon Stauffer, RN, Jody Leise, APRN, CNS, MS, Lisa Ruehmann, RN, Jonathan Good, MBA, Kristi Melby, Pharm.D., Katherine Schupack, DO, Nathaniel Miller, MD.
- 7:00 pm** **Examining Unsatisfactory Pap Test Rates and Guideline-Adherent Management in Family Medicine Clinics**
Vrinda Munjal, MB, BCh, BAO, Katherine Schupack, DO, Gregory Garrison, MD, Nathaniel Miller, MD, Matthew Meunier, MD, Christopher Boswell, MD, Kathy MacLaughlin, MD
- 7:04 pm** **Reducing Stroke by Screening for Undiagnosed Atrial Fibrillation in Elderly Individuals: The Primary Results of the GUARD-AF Randomized Trial**
David Rushlow, MD, Steven Rosas, MD, Jacob Erickson, DO, Tom Thacher, MD
- 7:08 pm** **Impact of Well Water and Arsenic Exposure on the Mayo Clinic Community**
Dominika Jegen, MD, Julie Maxson, Tom Thacher, MD, Brandon Hidaka, MD, Ph.D., Stephen Stacey, DO, Natalie Averkamp, MS, Jessica Sosso, MD, MPH, Karen Fischer, MPH, Matthew Bernard, MD, Rachael Passmore, DO, Randy Foss, MD
- 7:12 pm** **Questions and Answers/Best Resident Poster Award Moderator: Gregory M. Garrison, M.D.**
- 7:22 pm** **Quantifying Volume and Disparity in Electronic Workload**
Van Pham, ARPN, FNP-C, Elizabeth Cozine, MD, Meghan G. Theofiles, MD, Todd R. Huschka, MS, Lorelle Ziegelbauer, Sean Phelan, PhD, Justin Poe, PMP, CSM
- 7:26 pm** **Practice Optimization Through Expanding Access to Video Visits in Family Medicine**
Marc Matthews, MD, Margaret M. Paul, PhD, MS, Jason Greenwood, MD, MS, Gerry B. Greaney, MFA, David Rushlow, MD
- 7:30 pm** **Association Among Patient-Reported Social Risk Factors and Estimated Socioeconomic Status from Publicly Available Data in the US Midwest Population**
Jessica Sosso, MD, MPH, Karen Fischer, MPH, Chung Wi, MD, Euijung Ryu, Ph.D., Dominika Jegen, MD, Marc Matthews, MD, Julie Maxson, CCRP, Gregory Garrison, MD,

Matthew Bernard, MD, Stephen Stacey, DO, Randy Foss, MD, Brandon Hidaka, MD, PhD, Rachael Passmore, DO, Tom Thacher, MD.

7:34 pm

Family Medicine Quality Boot Camp 2024: Improving Utilization of Epic Health Maintenance

Mark Deyo-Svendsen, MD, David Blair, MD, John Heiderscheid, MD, Angela Bertsch, Deb Fitzpatrick

7:44 pm

Questions and Answers

Moderator: Gregory M. Garrison, M.D.

7:54 pm

Closing Remarks/Audience Favorite Award

Gregory M. Garrison, M.D.

8:00 pm

Adjourn

Family Medicine Forum 2024

Poster Session

5:00 pm – 6:00 pm Poster Viewing

John Noseworthy Hall

<https://voicethread.com/login/join/group/23703770/unpromoted/7ea58df4>

01. **Prevalence and Associations of Multiple Hypnotic Prescriptions in a Clinical Sample**
Meghna Mansukhani, MD, Bhanu Prakash Kolla, Subhajit Chakravorty, Jacob A. Frank, Brandon J. Coombes, PhD
02. **Correlates to Improvement in Sleep Duration in Acute Mania and Depression**
Meghna Mansukhani, MD, Rapheal Golebiowski, Bhanu Prakash Kolla
03. **Leveraging AI to Decode Health-Related Internet Searches for Enhanced Patient Care in Family Medicine**
Landon E. Ebbert, Joshua L. Ebbert, Justin L. Knapp, Alex M. Holle, Madelin R. Morris, Tyson Pace, Ammon Driggs, Maggie R. Donovan, MD, Lisa D. Grunebaum, MD.
04. **Online Search Patterns for Mohs Surgery: Implications for Family Medicine Practice**
Justin L Knapp, Landon E. Ebbert, Joshua L. Ebbert, Alex M. Holle, Tyson Pace, Madelin R. Morris, Maggie R. Donovan, MD, Lisa D. Grunebaum, MD
05. **A Case of Severe Lumbosacral Polyradiculopathy Secondary to Vitamin Deficiency in a Patient on GLP-1 Agonist Therapy Following Bariatric Surgery**
Emma Donigan, BA, Elizabeth Ingersent, BS, Erik J. Wanberg, BS, Rachael Passmore, DO
06. **Syncope Evaluation of Male in his 40s Leads to Finding a Flail Mitral Leaflet and Severe Mitral Valve Regurgitation, Resulting in Valvuloplasty: A Case Report**
Fred Davis, IV, MD
07. **Long-Term Atrial Fibrillation Burden in Patients After MAZE Procedure**
Evan Starr, DO, John Doty, MD
08. **Telemedicine Patient Satisfaction Survey: Attending Physician, Student, and Patient Telemedicine Encounter.**
Alexis Winfrey, Jesus Bracamonte, DO, Michael Underhill, DO, Christopher Pullins, MD, Michelle Winscott, MD, MPH, Matthew Ives, MD, Jordan Roloff, MHA, Ingrid Hirte, MD
09. **Physician and Patient Perspectives on and Experiences with House Calls in the Management of Chronic Illness in the Elderly**
Quentin Parmenter, Nehme Awad, Marilyn Fisher-Napolitano, Augustine Chavez, MD
10. **Impacts of Dermoscopy Training on Diagnostic Accuracy and Biopsy and Referral Patterns Among PCPs**
Hayden Middleton, PA-C, David L. Swanson, MD, Julio Sartori Valinotti, MD, Danielle O’Laughlin, PA-C, MS, Peter Young, PA-C, Stephen Merry, MD, Kelly Nelson, MD, Karen Fischer, MPH, Renee Weatherly, Christopher Boswell, MD, FAAFP
11. **Optimizing the Patient Experience through Clinician Coaching or Communication Intervention: A Randomized Control Trial**
Jennifer Bold, APRN, CNP, DNP, Chad Fritsche, Crysetal Hilger, Jill Smith, APRN, CNP, DNP, Eric Nelson, Renee Weatherly, Summer Allen, MD
12. **Understanding the Relationship between Electronic Health Record (EHR) use and Advance Practice Provider (APP) Turnover**
Kathryn King, APRN, CNP, MSN, Jen Bold, APRN, CNP, DNP, Kellen Lambeau, APRN, CNP, DNP, Renee Weatherly, Karen Fischer, MPH, Michael Wright, Kathy McLaughlin, MD
13. **Agreement Between HPV Results of Self-Collected Vaginal Specimens at Home and Clinician-Collected Cervical Specimens at the Clinic**

- Kathy MacLaughlin, MD, Margaret Long, MD, Elise Gallagher, MBA, ASCP, Kristine Cole, Iris Lin, Elitza Theel, Ph.D., Jainee McCann, Julie Maxson, CCRP*
14. **Examining Changes in Ulnar Collateral Ligament Reconstruction Surgery Patterns Among Professional Baseball Players**
Andrew Jagim, Ph.D., Thomas Almonroeder, Jacob Erickson, DO
 15. **Minimum Wrestling Weight for High School Girls Wrestling: Time to Revisit Minimal Body Fat Percent**
Eric Twohey, MD, Jacob Erickson, DO, Craig Horswill, Andrew Jagim, DO
 16. **Treatment of Prediabetes with Metformin in Patients Taking an Antipsychotic: A Retrospective Analysis**
Brian Burroughs, PA-C, Randy Foss, MD, Dominika Jegen, MD, Tamim Rajjo, MD, MPH, Gregory Garrison, MD
 17. **What is Causing this Patient's Weakness: A Case Report of Necrotizing Autoimmune Myositis.**
Brian Burroughs, PA-C, Nathan Young, MD
 18. **Injury Prone: Do Knee Injuries Increase Risk of Concussions?**
Alexandra Nelson, DO, Drake Matuska, MD, Stephen Stacey, DO
 19. **Taking Fun Seriously: A Scoping Review of Definitions, Frameworks, and Outcomes of Fun in Education**
Stephen Stacey, DO, Kurt Angstman, MD, Lauren P. Baker, MD, Parivash Badar, MBBS, Sara Oberhelman-Eaton, MD, Rachel Wasson, Ph.D., Carol Goulet, Ph.D., Joshua Scheil, MD, Heather Jett, MLIS, AHIP, David A. Cook, MD, MHPE
 20. **Assessing Patient Access to Osteopathic Manipulative Medicine Services: Perceived Barriers Among Osteopathic Physicians**
Stephen Stacey, DO, Bryan Gordon, DO, Anthony Furlano, DO, Joanne Genewick, DO, Erin Westfall, DO
 21. **Relationship Between Family and Residency Wellness**
Rachel Leonard, DO, Henry Lossen, MD, Carol Goulet, Ph.D., Stephen Stacey, DO
 22. **Assessing OMM Procedures Across Mayo Clinic Enterprise**
Bennett Harmelink, DO, Jiwan Toor, DO, Bryan Gordon, DO, Stephen Stacey, DO
 23. **Assessing Physician Attitudes Towards Osteopathic Manipulative Medicine**
Stephen Stacey, DO, Sydney Anderson, DO, Kelsie Prins, DO, Alessandro Quartioli, Ph.D.
 24. **A Systematic Review of Oral Ketamine for All-Cause Pain**
Alexander Mortenson, MD, MPH, Audra Strom, MD, Jennfier Winegarden, DO, MS, Daniel P. Reyner, Ph.D., John Mulder, MD, Anna Brose, PhD Candidate, David Miller, R.Ph., Ph.D., Ylisabyth S. Bradshaw, DO, MS, Daniel B. Carr, MB, FABMPM
 25. **Facilitators and Barriers to Leadership in Academic Family Medicine**
Emily R. Smith, MD, Jay-Sheree A. Akambase, MD, Rosean Bishop, Ph.D., Michele Eberle, Jennifer Hartman, MD
 26. **Association Between Patient-Reported Social Risks and the HOUSES Index: A Rural-Urban Comparison**
Jessica Sosso, MD, MPH, Karen Fischer, MPH, Chung Wi, MD, Euijung Ryu, Ph.D., Dominika Jegen, MD, Marc Matthews, MD, Julie Maxson, CCRP, Gregory Garrison, MD,MS, Matthew Bernard, MD, Stephen Stacey, DO, Randy Foss, MD, Brandon Hidaka, MD, Ph.D., Rachael Passmore, DO, Tom Thacher, MD
 27. **CouHemoglobinopathy Prevalence and Excess Compared to Identification**
Nathaniel Miller, MD, Isa Houwink, MD, Ph.D.
 28. **Insurance Coverage for Endoscopic Bariatric Therapy in 2024: Analyses of the Top Insurers in the U.S.**
Dima Bechenati, MD, Cynthia Okafor, BS, Sagar Shah, MD, Danny Issa, MD

29. **Characterizing the Population of Patients Living with Hemoglobinopathies in Olmsted County, Minnesota**
Kurt Vergunst, Vanessa C. Stubbs, Steven Callori, Elizabeth K. Farkouh, Dima Bechenati, MD, Nathaniel Miller, MD, Elisa Houwink, MD, Ph.D.
30. **Enhancing Familial Hypercholesterolemia Detection and Intervention in Primary Care with the Mayo Clinic Tapestry Project: A Comprehensive Assessment of Cascade Testing.**
Elisa J. Houwink, MD, Ph.D., Nick M. Huynh, Adrianna D. M. Clapp, MD, Kavya Nuthi, Dima Bechenati, MD, Hina Mahmood, MS, Bas L. Kietselaer, MD, PhD, Natalie M. Averkamp, MS, Blake A. Kassmeyer, MS, Jason P. Sinnwell, Marwan E. Hamed. MB BCh, Konstantios N. Lazaridis, MD, Hugues Sicotte, PhD, Robert A. Vierkant, MS, Tony C. Luehrs, Jan B. Egan, PhD, Paul M. McKie, MD, Iftikhar J. Kullo, MD
31. **Assessing Familial Hypercholesterolemia Prevalence and Underdiagnosis in Olmsted County: A Multi-State Survival Analysis Approach**
Nick M. Huynh, Adrianna Clapp, MD, Dima Bechenati, MD, Kavya Nuthi, Natalie M. Averkamp, Jason P. Sinnwell, Blake Kassmeyer, Bas L. Kietselaer, Paul M. McKie, MD, Iftikhar J. Kullo, MD, Elisa Houwink, MD, PhD
32. **Interprofessional Navigated hands-on Education to Increase Competence and Knowledge Utilizing in-check Inhaler in Medical Residents**
Robert Strother, MD, Nathaniel Miller, MD, Audrey Umbreit, Pharm.D., Maddie Lee, Pharm.D. Candidate, Julia Smoak, Pharm.D. Candidate, Danielle Firkus, Pharm.D., Amanda Davis, Pharm, D.
33. **Resident QI Project: Taking a Stab at Improving HPV Vaccination Rates**
Camry Kelly, DO, Jasleen Dhaliwal, M.B., B.Ch., B.A.O., Kathy MacLaughlin, MD, Nathaniel Miller, MD
34. **BEARS Attack: Resident QI Project to Improve Recognition of Pediatric Sleep Disorders in a Family Medicine Continuity Clinic**
Devin E. Wright, DO, Jessica Langevin, M.B., B.Ch., B.A.O., Gregory Garrison, MD, Nathaniel Miller, MD
35. **Exploring the Educational Needs and Preferences of Physicians in Pharmacogenomics in Primary Care Practice**
Elisa Houwink MD, Ph.D., Maaik E. Ferwerda, Jessica A. Wright, Pharm.D., Razan El Melik, Pharm.D., Jesse J. Swen
36. **Team Approach to Improving Cervical Cancer Screening Rates**
Katherine Spurlock, DO, Rebecca Stoll, DO, Brittane Samuelson, MD, Tom Billings, DO
37. **Improving Diabetes Quality Outcomes Through Nursing Education and Outreach**
Jessica Sosso, MD, MPH, Anna Williams, RN, Cherie Davenport, MSN, RN, ACNS-BC
38. **Improving the Curriculum to Assess and Manage Psychiatric Crises in an Outpatient Family Medicine Residency Clinic**
Brandon H. Hidaka, MD, Ph.D., Thomas J. Pavey, MD, Deirdre Paulson-O'Donovan, Ph.D., L.P., ABPP
39. **Decreasing Bias in Family Medicine Residency Application Review to Increase Diversity**
Emily Smith, MD, Brandon Hidaka, MD, Ph.D., Terri Nordin, MD
40. **Implementation of Peer Comparison Reporting on Academic Detailing Sessions to Improve Hierarchical Condition Category Tool use Among Family Medicine Advanced Practice Providers**
Leah Lindbeck, APRN, CNP, DNP, Brian Burroughs, PA-C, Christina Carney, APRN, CNP, DNP
41. **Incremental Cost and Length of Stay Associated with In-Hospital Adverse Events: A Systematic Review**

Dima Bechenati, MD, Bashar Hasan, MD, Sydney Cho, Hannah Bethel, Adel Kabbara Allababiddi, MD, Sammy Murad, Noora Rajoub, Tamim Rajjo, MD, MPH, M. Hassan Murad, MD

- 42. Improving Hypertension Control in MCHS La Crosse Family Medicine Residency**
Erin Morcomb, MD, Carmen Dargel, MD, McKayla Dinwiddie, MD, Josh Scheil, MD, Hina Rmsha Alfia Khan, M.B.B.S., Bryan Gordon, DO, Syndey Anderson, DO, Audra Storm, MD
- 43. Feasibility of an ADHD Assessment Service in the Transgender and Intersex Specialty Care Clinic**
Kyle Schofield, Ph.D., Perez Candelario, Ph.D., L.P.
- 44. Enhancing Patient Understanding of Disease Through Personalized Domain-Specific Metaphors**
Antuan Tran, Medical Student
- 45. Quality Improvement: Standard Operating Procedure (SOP) for Panel Management in Family Medicine**
Max Wetzel, MD, Rachel Leonard, DO, Kelsey Rolefson, DO (Resident)
- 46. Radiation Medicine for Benign Conditions**
Lindsey A. Durham, APRN, CNP, DNP, Amanda F. Meyer, APRN, CNP, DNP, Paul D. Brown, MD
- 47. Primary Care Clinician Patient Panel Management**
Kaia Yngve, MPH, Jerry Sobolik, MBA, Phia Magill, MBA, Jonathan Good, MBA, Patricia Berntson.
- 48. Leveraging Experiential Learning and Community Engagement to Introduce Medical Students to Current Issues in Rural Medicine**
Elizabeth Palmi, Grant Welk, Beth Kangas, Ph.D.
- 49. Enhancing Annual Physical Exams: Patient Perceptions of Integrating Grip Strength Testing and Its Impact on Exercise Habits**
Nick Allen, Jesse Bracamonte, DO, Gretchen Anderson, APRN, FNP, MSN, Michael Bryan, MD, Michael Underhill, DO.
- 50. Assessing Feasibility of Point of Care Ultrasound Implementation at REACH Clinic**
Kathryn Xu, Grant Welk, Tucker Diamond-Ames
- 51. Integration of Medical Students into Community Clinics**
Abby Simpkins, Grant Welk, Kathryn Xu
- 52. The Unhoused Reproductive and Sexual Health Initiative: Evaluation of Impact on Medical Trainees**
Laura Faubion, Jordan Richardson, V. Vandecreek, Allison Ducharme-Smith, MD
- 53. Cost as a Barrier to Prevention Medicine: Impact of the Affordable Care Act Zero Cost Sharing Mandate on Shingles Vaccine Utilization**
Sam Fallon, Ethan Lieber
- 54. Patient – Clinician Compatibility**
Greta Hanson, Melany Rabideau, Cyndi Van Herpe
- 55. 2024 Family Medicine Publications**