

Wednesday, September 14 | 6:30 pm Row Hotel | Assembly Square

Elizabeth Gaufberg, MD, MPH

Director, Center for Professional and Academic Development

David Bor, MD

Chief Academic Officer

Meghan Horan, MPH

Manager, Center for Professional and Academic Development

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Executive Assistant, Center for Professional and Academic Development









Welcome to the Cambridge Health Alliance

14th Annual Academic Poster Session

Wednesday, September 14, 2022/6:30 pm Row Hotel at Assembly Row Somerville, MA

The Academic Poster Session is a signature CHA event that provides an opportunity for our community to share interests and accomplishments and to forge new collaborations across departments and work sites. The session has grown over the years from a small Department of Medicine gathering to a CHA-wide event sponsored by the CHA Center for Professional and Academic Development.

As you will see within these pages, the range of activity reflects a vibrant institutional commitment to research, innovation, continuous improvement and scholarship. This work is especially noteworthy because it was completed during the COVID years. We are grateful to the CHA Strategic Planning, Marketing & Communications Department and many others for their support of this event.

Case Report

1. Barriers to Diagnosis: Methotrexate Toxicity Mimicking SJS/TEN in an Urban Community Health System

Bethany Brumbaugh, BS, BA*; Robert Stavert, MD, MBA; Chao Yang, MD

2. Telehealth Screening and Point-of-care Testing as an Infection Control Mitigation Strategy in a Community Health Center Dental Department

Kaitlyn Cardenas, DMD Candidate*; Alec Eidelman, DMD, MPH

3. Extended Child Psychiatric Inpatient Hospitalizations: A Case Study

Megan Ice, PhD*; Sharmila B. Mehta, PhD 4. Unmasking the Intrapancreatic Accessory Spleen

> Stephanie Lazow, MD*; Ketan Sheth, MD

5. A Rare Case of Desmoplastic Fibroma of the Calcaneus

Karan Malani, DPM*; Madison Ravine, DPM; Michael Theodoulou, DPM

6. Acute Compartment
Syndrome: A Case
Comparison of Traumatic
Etiology versus
Coagulopathic Etiology
Madison Ravine, DPM*;
Karan Malani, DPM;
Jennifer Buchanan, DPM;
Michael Theodoulou, DPM

7. "Too Much of a Good Thing":
A Case of Oxalate
Nephropathy

Annie J. Tsay, MD, MPH*; Ariel Majidi, MD; Priyank Jain, MBBS

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- (+) indicates a Tufts Residents Projects poster.

CEO CLER

Clinical Learning Environment Innovation Grants Program Projects

- 8. Implementation of a
 Resident Curriculum to
 Improve the Accessibility
 and Understanding of Code
 Status Discussions among
 Culturally and Linguistically
 Diverse Patients
 Sepideh Ashrafzadeh, MD*;
 - Sepideh Ashrafzadeh, MD* Stephanie Hastings, DO; Talia Lewis, MD
- 9. Supporting Cambridge Health
 Alliance Trainees in Planning
 Families and Parenting
 Swathi Damodaran, MD, MPH*;
 Sun Jin Fletcher, MD, PhD;
 Clara Kim, MD;
 Sandra DeJong, MD, MSc

10. Forging an Asian American Alliance for Trainees Darlina Liu, MD*; Jenny Wen, MD, MPH*

11. PRE Health: An Urban Public

- School Pipeline Program
 Integrated With Its
 Community
 Paul Rizzo, MD*;
 Omar Wahid, MD*;
 Lauren Hayes, BBA, BA;
 HaiAu Nguyen;
 Jes Chook; Ryesha Mezan;
 Dianne Mancio;
 Amina Chitaoui;
 Eldaa G. Samuel
- 12. Trainee Experiences of Race and Ethnicity at CHA: A Multi-Program Climate Survey Jenny Wen, MD, MPH*; Todd Liou, MD, MPH

Clinical Research

13. Proposal for a Brief Oral Health Intervention by the Primary Care Medical Team

John Ahern*;
Brandon Pleman;
Brittany Pierce;
Kelly Thompson-Hurley;
Brenda Alvarado;
Jonathan Livingston;
Nicole O'Connor

14. Increased Insula Response to Interoception After Mindfulness Training is Associated with Increased Body Trust Among Patients with Depression

Michael Datko, PhD*; Jacqueline Lutz, PhD; Richa Gawande, PhD; Alexandra Comeau, BA; My Ngoc To, BA; Jenny Gan, BA; Gaelle Desbordes, PhD; Vitaly Napadow, PhD; Zev Schuman-Olivier, MD 15. Changes in Brain Mechanisms of Emotion Regulation in Response to Evoked Pain Following Mindfulness Training for Patients with Anxiety and Depression

Anxiety and Depression
Michael Datko, PhD*;
Jenny Gan, BA;
Jacqueline Lutz, PhD;
Richa Gawande, PhD;
Alexandra Comeau, BA;
My Ngoc To, BA;
Tenzin Desel;
Gaelle Desbordes, PhD;
Vitaly Napadow, PhD;
Zev Schuman-Olivier, MD

16. Impact of Integrated Care on Thoughts of Self-Harm Among BIPOC Children

> Katherine E. Grimes, MD, MPH*; Lindsay DiBona, LICSW; Jessica Sullivan, LICSW; Sarah Brown, LICSW; Karen Martinez; Kleiton Ferriera; Jennifer McNaboe, MPH; Sarah Faso, MPH; Timothy B. Creedon, PhD

17. Using Qualitative Research to Understand Adolescent Suicidal Behavior During COVID

> Godwin Igbinedion*; E.G. Stettenbauer; Marin Waddington; Dharma Cortes; Lily Xie; Nicholas Carson

18. Determination of Efficacy of N-acetylcysteine (NAC) in Preventing Those with Mild or Moderate COVID-19 from Progressing to Severe Disease

Melisa Lai-Becker, MD*;

Kerry Blomquist, RN*; Julie Devito, PA-C; Ellie Grossman, MD, MPH; Rachel Hathaway, MD; Sofia Hrycyszyn; Janice N. John, PA-C MHS, MHCDS; Duncan Kuhn, MD; Rishika Pal. BS: Anna Rabkina, MD; Mary Regan, PharmD; Neha Sandeep, PA-C; Yamini Saravanan, MD, MHS; Alix Schrager, MD; Anna Shapiro, PA-C; Linda Shipton, MD: Tom Seufert, MD; Lisa Yasi. RRT

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19. The Effect of Mobile Digital Interventions on Mental Health Measures During the COVID-19 Pandemic: A Systematic Review of Controlled Studies

Joo-Young Lee, MD, MS*; Elizabeth Stettenbauer, MA; Marin Waddington; Dharma Cortes, PhD; Todd G. Reid, ScD, MPH, MBA; Nicholas Carson, MD

20. Impact of the COVID-19
Pandemic Lockdown on
Weight Status and Associated
Factors for Obesity Among
Children

Wudeneh Mulugeta, MD*; Laboni Hoque, BA

21. Attitudes and Experiences of Patients Engaged in Buprenorphine Treatment in Massachusetts During the COVID-19 Pandemic

Joshua Phillips, BA*; Joseph Rosansky, PhD*; Jacob Borodovsky, PhD; Thomas Fatkin, BA; Kayley Okst, BA; Benjamin L Cook, PhD; Zev Schuman-Olivier, MD 22. Missed Opportunities for HIV
Testing and PrEP Education in
a High Risk Population

Linda Shipton, MD*; Frances Ue, MD, MPH; Thomas Seufert, MD; Corey Marvin, RN

23. A Meta-Analytic Investigation of Problem Gambling and Self-Harm: A Causal Inference Perspective

John M. Slabczynski, BA*; Taylor G. Lee, BA; Timothy C. Edson, PhD; William H.B. McAuliffe, PhD; Heather M. Gray, PhD

Community Health/Health Policy

24. A Large-Scale Prospective
Study of Big Wins and Their
Relationship with Future
Involvement and Risk Among
Actual Online Sports Bettors

Timothy C. Edson, PhD*; Eric R. Louderback, PhD; Matthew A. Tom, PhD; Kahlil S. Philander, PhD; John M. Slabczynski, BA; Taylor G. Lee, BA; Debi A. LaPlante, PhD

25. Specialty Care Utilization
Among Adults with Limited
English Proficiency

Jessica Himmelstein, MD, MPH*; Christopher Cai, MD; David U. Himmelstein, MD; Steffie Woolhandler, MD, MPH; David H. Bor, MD; Samuel L. Dickman, MD; Danny McCormick, MD, MPH

26. Amputation Rates in the Most Populous Counties of the United States and Associations with Social Determinants of Health

Daniel Kassavin, MD*; Monica Kassavin, MD; Moon Kwoun. MD 27. Untangling the Healthcare Network for Complex Older Adults

> Elissa Klein, BS*; Jed Geyerhahn, MA

28. Healthcare Letter Project (HeLP): A Medical-Legal Partnership to Help Incarcerated Individuals

Laura Krinsky, MD*;
Tia Tucker, MD, MPH;
Fa'iz Bayo-Awoyemi, MD;
Melanie Wathugala, MD;
Shannon Hogan, MD, MPH;
Maryam M. Robinson,
MD, MPH;
Anne Taylor Walker, MD, MPH

29. Mental health impacts of Hospitalization for COVID-19 Among Latinx Patients in the CHA-catchment Area

Sofia A. Ladner, MPH*; Ceylon Auguste-Nelson; Carolyn F. Fisher, PhD; Raquel Sofia Sandoval, MD; Katherine G. McDaniel, MD, MSc; Neha Sandeep, PA-C; Yamini Saravanan, MD 30. Preparing Massachusetts
Treatment Providers for
Gambling Expansion: Initial
Observations from a
Statewide Needs Assessment
and Capacity Building
Program

Kira E. Landauer, MPH*; Amy Flynn, MS; Caitlyn S. Fong, MPH; Tamika R. Francis, MA; Ivy Schmalzried, MPH; Elizabeth Bice, BA; Amanda Ayers, MPH; Debi A. LaPlante, PhD; Heather M. Gray, PhD

31. Stakeholder Definitions of Responsible Drinking:
A Call to Define an
Ambiguous Construct
Taylor G. Lee, BA*;

John M. Slabczynski, BA; Heather M. Gray, PhD; Debi A. LaPlante, PhD; Howard J. Shaffer, PhD

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32. Application and Modification of a Pandemic Disparities Conceptual Framework to Explain COVID-19 Disparities: African American Mortality at the County Level

Rumel Mahmood, PhD*

33. Do Minority Patients Attend Culturally Competent Hospitals? The Case of Minority-Serving and Safety-Net Hospitals

Rumel Mahmood, PhD*

34. Elevating the Voices of Overdose Survivors Living on the Street

Ranjani K. Paradise, PhD*; Jeff Desmarais, MA; Andres Hoyos-Cespedes, MPH; Alykhan Nurani, MS; Simeon Kimmel, MD, MA; Angela Bazzi, PhD, MPH; Shannon O'Malley, MS; Sunday Taylor, PhD; Mark Kennedy, MBA; Dan Dooley

35. CHA Somerville Early Childhood Education Covid-19 Collaborative

Tyler C. Starr*; Cara Lembo*; Alok Nimgaonkar*; Elana Bloomfield, MD

36. A Retrospective Evaluation of the Behavioral Health Intensive Clinical Advisors Program

Sharon Touw, MPH*; Sarah Jalbert, MA, MS; Colleen O'Brien, PsyD

37. Elevating Community Voice to Advance Health Equity and Community Wellbeing

Elaine Tsao, MPH*; Laura McNulty, MPH, MSW*; Renée Cammarata Hamilton, MSW, MPA*; Kathleen O'Brien, MA; Jean Granick, MS; Ryann Monteiro, MPH, CHES; Siyu Chen, MPH; Kathryn Morris, MPH; Alan Mozaffari, MPH; Abigail Zielinski, BA; Maria Lourdes Silva, BA; Emily Reckard-Mota, BA

Health Professions Education

38. "Save Time, Reduce Burnout": The Creation of a Novel Curriculum on EHR In-Basket Management at a Family Medicine Residency

John Ahern, MB, BCh, BAO, BDentSc, MSc, PhD*; Shaylagh Cerulli, MD; Roberta Dennison, MD; Jessica Early, MD; Ashley King, MD, MPH, MS; Joy Lee, MD MPP; Deidre Patel, MD; Omar Wahid, MD

39. Building Bridges: Using Reflective Practice to Promote Relationshipcentered Care Among Medical Students During the Family Medicine Rotation# Elana Bloomfield, MD*

40. Can Change Begin with a RIPLE? Relational InterProfessional Longitudinal Education#

Allisyn Brady, PA-C*; Aliza Stern, PA-C; David Hirsh, MD; Janice John, PA-C; Tara Singh, MD

41. Medical Assistants as Faculty and Coaches

Nnkesia Brock,
Josue Galvez,
Brenda Interiano,
Maxine Lawrence-Massiah,
Catherine Martinez,
Yoana Oliviera,
Jeimy Rodriguez with
Janell Corbett and
Judy Fleishman, PhD*

42. TUFMR Quest for Equity & Diversity in Recruitment

Janell Corbett*; Fa'iz Bayo-Awoyemi, MD; Judy Fleishman, PhD; Tia Tucker MD, MPH; Caitlin D'Agata, MD

43. The Integrative Medicine Educator: A Novel Fellowship at Cambridge Health Alliance

Cortney Crespo, MD*; Andrea Gordon, MD; Allen Shaughnessy, PharmD, MMedEd

44. Lessons Learned: Implementation of a Competency-Based Certificate on Healthcare Management

Emily Hahn, MPH*; Roxanne James, BS; Sharon Touw, MPH; Monique Bertic-Cohen, MPA, MPH

45. Transformative Learning in LICs - An Exploratory Story

Diane Keyes, BA*; Svenja Kröll; Mattis Manke; Jonas Redecker, Dr. rer medic; Beate Stock-Schröer, PD Dr. med; Christian Scheffer; HMS/UWH Research Collaboration Group

46. Health in Dialogue: Exploring Individual Health Resources with Students & Patients

Svenja Kröll*;
Hannah-Milena
Schmidt-Troschke, Dr. phil;
Bettina Berger;
Christian Scheffer,
MD, MME, PD;
University of Witten Herdecke,
Integrated Curriculum for
Anthroposophic Medicine

47. The Hidden Patient: The C.A.R.E. Framework to Care for Caregivers

Claire M Quinlan*; Alison M Holliday, MD, MPH; Andrea Wershof Schwartz, MD, MPH

48. Tufts Family Medicine Residency Revamps Health Equity Curriculum Design Julia Randall, MD*;

Tia Tucker MD, MPH*;

49. TUFMR Health Equity Action Team: a HEATed Perspective on Health Equity Education

Maryam M. Robinson, MD, MPH*; Cortney Crespo, MD; Tia Tucker, MD, MPH; Fa'iz Bayo-Awoyemi, MD; Shannon Hogan, MD, MPH; Anne Taylor Walker, MD, MPH

50. Co-Creating Health with Students: The Transformative Potential of Education for Science and Practice

Christian Scheffer, PD*; HMS/UWH Research Collaboration Group

51. Evaluation of STFM's National Addiction Curriculum After Launching with 25 FM Residency Pilot Sites During 2021*

Randi Sokol, MD, MPH,
MMedEd*;
John Ahern, MB BCh BAO,
BDentSc, MSc, PhD;
Brandon Pleman, MD;
Paul Rizzo, MD;
A. Taylor Walker, MD, MPH;
Matthew P. Martin, MS, PhD,
LMFT;
Katherine Wang

52. Making Epic® Your Friend:
Refining a Curriculum on
Resident EMR Use in Clinic#
Galina Shu Yin Tan, MD*

Other

53. Our Collective Work Towards
Better and More Equitable
Healthcare

Department of Family Medicine

Quality/Systems Improvement

54. Pediatric Obesity Management by an Interdisciplinary Team in Primary Care

Menatalla Ads, PhD*; Norah Mulvaney-Day, PhD; John T. Lambert; Carl Fulwiler, MD, PhD; Emily Benedetto, MSW, LCSW; Nick Carson, MD

55. Assessing the Use of Longacting Antipsychotic Injections Post-discharge Before and After the First COVID-19 Surge Youser Attia PharmD*:

Youssr Attia, PharmD*; Jessica Gören, PharmD

56. Using PI to Reduce ED Boarding for Psychiatric Patients

Stefanie Bos, MPH*;
Paola Peynetti
Velázquez, MPH;
Gouri Gupte, PhD, MHA;
Jacob Miner;
Danielle Bobek, MSN,
MHCDS, RN;
Fiona McCaughan, MS,
MBA, RN;
Connie Smith;
Benjamin Milligan, MD;
Jacob Venter, MD, MBA;
Lanie Ward, MBA, BSN, RN

57. Impact of Pharmacist-Led
Hypertension Quick Connect
(HTN-QC) Program on
Hypertension Management
Through In-Person Care and
Remote Patient Monitoring
Charlotte Brochu, PharmD*;
Monica Akus, PharmD;
Garrett Lech, PharmD

58. Expecting Together: Multilingual Group Prenatal Care through Telemedicine*

Amy Fitch, MD*; Anne Taylor Walker, MD, MPH*; Shante Cruz; Tatiana Caraballo; Laura Krinsky, MD

59. Virtual Back Pain Clinic

Casey Gavin, PA-C*;
David Wing, MD;
Eleanor Vanderhoof;
Karen McLoughlin, ScM;
Katherine Lemons, PA-C;
Kirsten Meisinger, MD, MHCDS;
Lora Council, MD, MS;
Neha Sandeep, PA-C;
Nicolas Sluyter-Beltrao, PA-C

60. Strengthening Your Practice: A Quality Improvement Project Assessing Clinical Necessity of Maintenance Groups for Mindfulness-Based Intervention Completers with Residual Symptoms

Leah Howard, BA*; Lydia Smith, BA; Christina Luberto, PhD; Stephanie Cohen, MD; Todd Griswold, MD; Zev Schuman-Olivier, MD

61. Failing to PrEPare is PrEParing to Fail: Advocating for PWID PrEP Inclusion

Ebony Jackson, PharmD*; Amanda Barner, PharmD; Linda Shipton, MD

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62. Enhanced Recovery After Surgery in Hysterectomy and Colectomy Cases

Sowmya Kanakadandi, BDS, MPH*;

Roger Conant MSN, RN*;

Gouri Gupte, MHA, PhD;

Yige Cao, MPH;

David Becker, MD;

Joseph Mackey, MD;

Laurie Bausk;

Mary Regan;

Merielle Stephens, MD;

Nancy Mccune;

Paul Ciolino;

Michael Johnson;

Yvette York;

Xia Thai;

Kathleen Harney, MD;

Meredith Thomas, MD;

Jennifer Ann Thiesen;

Kareen Keka;

Moishe Ragieme;

Donna Griffith;

Casey Alexander;

Leigh Warring-Sciarappa;

Jennifer Velez;

Marie St. Louis:

Claudia Andrade:

Elena Almeida;

Patricia Poirier:

Lizete Barbosa;

Eileen Walsh;

Jan Snyder;

Erika Cunningham;

Kellie Ann Morse

63. English for Parents: ESL for Parents as a Mechanism for improving Children's Outcomes

Sofia A. Ladner, MPH*; Nubia Goodwin, MPH; Andrés Hoyos-Céspedes, MPH; Ana Vasconcelos; Carolyn F. Fisher, PhD

64. Redesigning Referrals in a Safety Net Delivery System

Niko Lehman-White*;

Karthik Kandaswamy;

Fabiana Simone;

Gouri Gupte;

Andrea McGregor;

Sara Souza;

Connie Smith;

Mark Sagon;

Crystal Brandt:

Wendi Joy Brenner;

Kevin Forbes:

Coleen Mason:

Tasha Scott-Long;

Debjani Banerji, MHA;

Linda Coultas PT, MHA;

Doris Gentley, MHA;

Renee Kessler, MHA;

Jeffrey Hoffman, MD;

65. Impact of Targeted Medication Reviews to Assess Appropriate Initiation of SGLT2-i and/or GLP-1 Agonists in Patients with Type 2 Diabetes Mellitus Who Have Compelling Indications

Michael Maiullari, PharmD*; Catrina Derderian, PharmD; Emily Zouzas, PharmD

66. Inpatient Youth Threat Assessment

Sharmila B. Mehta, PhD*; Julia M. Augenstern, M.Ed; Molly Fitzpatrick, MA; Lily Walsh, MA

67. Coproduction Supported Zero Harm Blood Collection Initiative in Ambulatory[^]

Valerie Murphy RN*; Debralee Quinn, RN*; Rebecca Osgood MD*;

68. Full Spectrum Care in Full Body PPE: a Multidisciplinary Team Brings Patients Home During the Pandemic

Brandon Pleman, MD*; Maria Butler, RN; Jonathan Livingston; Melanie Wathugala, MD; Nicole O'Connor, MD

69. CHAMindWell: A Population-Based Approach to Primary and Secondary Prevention of Mental Health Disorders

Joseph Rosansky, PhD*;

Kayley Okst, BA; Leah Howard, BA; Ana Baumgaurt-Schreck, LICSW; Carl Fulwiler, MD, PhD; Zev Schuman-Olivier, MD

Quality/Systems Improvement Continued

70. Soliciting Patient, Provider, and Administrator Feedback to Inform Implementation of Measurement-Based Care in an Urban Safety Net Outpatient Psychiatry Clinic

Lisa C Rosenfeld, MD, MPH*;
Ana M Progovac, PhD;
Stephen H Leff, PhD;
Alice Zhang, BS;
Lia Tian, BA;
Eileen Huttlin-Kirtane, MD;
Daisy Wang, BA;
Carl Fulwiler, MD, PhD;
Rajendra Aldis, MD;
Kate Zona, PhD;
Margaret Lanca, PhD;
Philip Wang, MD, DrPH;
Norah Mulvaney-Day, PhD;
Jennifer Stahr, BS, MS;
Miriam Tepper, MD

71. Assessing Provider and Staff Knowledge and Perspectives on Infant Safe Sleep

> Ariana Rudnick, MD*; Cari Benbasset-Miller, MD; Kim Chatson, MD; Melissa Abell, RN; Margaret Clifford, RN; Kim Kendall, RN; Fabiana Simone

72. Expanding Outpatient
Lactation Support Across CHA

Miriam Segura-Harrison, MD*; Lauryl Ramakrishnan, NP; Laury Sanchez

73. Reducing Hospital
Readmissions of CHA Patients
with CHF at Sancta Maria SNF
by the Implementation of
Standardized Flexible
Diuretic Management
Protocols^

Jennifer Thiesen, DNP, RN*; Michelle R. Johnson, MD*

74. The Nose Knows: Utility of MRSA Nasal PCR Screening for Antimicrobial Stewardship at Two Community-Teaching Hospitals

Thuan Tran, PharmD*; Amanda Barner, PharmD; Xia Thai, PharmD; Louann Bruno-Murtha, DO; Rebecca Osgood, MD; Kenneth Atwell, BA 75. A PI Approach to Designing a Reliable Process to Support Metabolic Monitoring for Psychiatric Patients

> Shuyi Zhu, MS*; Lucas Estefano Cyrillo Leardini, BS*; Jacob Miner, BS*; Paola Peynetti Velázquez, MPH*; Bernardo Ponte;

Ruth Quental;
Lana Bornhausen;
Carol Ragle, BA;
Ryan Ouellette, BA;
Gouri Gupte, PhD, MHA;
Vanessa Doleyres-Nazaire,
MPH;
Gretta Buckley, MHA;

Michael Williams, LICSW; Lisa Foley, MPA; Jacob Venter, MD, MBA; Renee Kessler, MHA

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