

Baylor College of Medicine

10TH ANNUAL



QIPS

Quality Improvement and Patient Safety Conference

Communication and Building QI Capacity

April 23, 2024



TUESDAY, APRIL 23, 2024

4:00 PM - 8:00 PM

KLEBERG AUDITORIUM

1 Baylor Plaza Houston TX 77030

4:00-4:30 PM

Check-in and Registration

4:30-4:40 PM

Welcome and Introductions

4:40-4:50 PM

IHI Chapter Highlights

4:50-5:00 PM

Abstract Winner – Student

Insights from the 2023 Dean’s Distinction in High-value Care And Quality Improvement in Undergraduate Medical Education.

Presenting authors: Meredith Cerra, Aidan Boyne, and Jimin Kim

5:00-5:10 PM

Abstract Winner – Trainee

Real World Effectiveness of an Artificial Intelligence Device on Colonoscopy Quality Metrics at an Academic County Hospital.

Presenting Authors: Anthony Xu, M.D.

5:10-5:20 PM

Abstract Winner – Faculty

Optimizing Blood Pressure Monitoring: Enhancing Accuracy with Automated Office Blood Pressure (AOBP) in a General Medicine Clinic.

Presenting Authors: Matthew Yang, M.D., DABOM and Olubunmi Oladunjoye, M.D., M.P.H.

5:20-5:30 PM

Q&A Abstracts

5:30-6:20 PM

Workshop - Communication Skills for QI

Anthony Ecker, Ph.D., M.A. and Kelley Arredondo, Ph.D.

6:20-6:30 PM

Break

6:30-7:05 PM

Breakout Session - Careers and Discipline in Quality Improvement

Educator Perspective

(Kleberg Auditorium)

Lee Lu, M.D.

Venessa Pinto, M.D.

Kristen Simmons, M.D.

Moderator: Kyler Godwin, Ph.D., M.P.H.

Leader/Operations Perspective

(M112)

Allison Heinen, D.O.

Eric Thomas, M.D., M.P.H., FACP

Uma Ayyala, M.D.

Moderator: Daniel Murphy, M.D., M.B.A.

7:05-7:10 PM

Transition to Posters and Reception

7:10-8:00 PM

Posters & Reception – Hors D’oeuvres and Beverages

10th Annual Quality Improvement and Patient Safety Conference

Baylor College of Medicine

Baylor Alkek and Kleberg Auditorium
1 Baylor Plaza
Houston, TX 77030

In collaboration with
Institute for Healthcare Improvement
Texas Children's Hospital

Planning Committee

Taimur Siddiqui, B.S.A., B.B.A.
Medical Student Year 2

Jay Jaber, B.B.A.
Medical Student Year 2

Executive Faculty Leads

Kyler M. Godwin, Ph.D., M.P.H.
Assistant Dean, Quality Improvement and Implementation
Director, Institute for Continuing Professional Development in Quality Improvement and Patient Safety
Associate Professor, Department of Medicine

Daniel R. Murphy, M.D., M.B.A.
Associate Professor of Medicine
Baylor Medicine Chief Quality Officer

Nursing Representative

Nataliette Richards, M.S.N., R.N., N.P.D.-B.C., C.P.N.
Nursing Professional Development Specialist
Accredited Provider Program Director
Nursing Professional Development | Clinical Training

Faculty Sponsors

James McDeavitt, M.D.
Executive Vice President
Dean of Clinical Affairs

Michael Fordis, M.D.
Director, Center for Collaborative and Interactive Technologies
Senior Associate Dean for Continuing Professional Development

Division of Continuing Professional Development

Kaylinh Ly, M.P.H.
Senior Manager

Pearl Yang, M.H.A., M.B.A.
Lead Coordinator

Abstract Judges

Neeraj Agrawal, M.D.

Assistant Professor of General Internal Medicine

Mary (Toni) Felberg, M.D.

Assistant Professor of Pediatrics – Anesthesiology

Nadia Ismail, M.D., M.P.H., M.Ed.

Professor of General Medicine

Daniel Murphy, M.D. M.B.A.

Associate Professor of Internal Medicine
Baylor Medicine Chief Quality Officer

Ashley Roark, M.D.

Assistant Professor of Radiology – Breast Care Center

Diana Stewart, M.D., M.B.A.

Associate Professor of General Internal Medicine

Matthew Carroll, M.D.

Consultant of Molecular & Human Genetics

Luke Gilman, M.D.

Assistant Professor of Radiology – Breast Care Center

Lauren Lobaugh, M.D.

Assistant Professor of Anesthesiology
Texas Children’s Hospital

Tamara Ortiz-Perez, M.D.

Associate Professor of Radiology – Breast Care Center

David Rubio, M.D.

Assistant Professor of Internal Medicine
The University of Texas MD Anderson Cancer Center

Shruti Varadarajan, M.D.

Associate Professor of Family & Community Medicine

***All judges are Baylor College of Medicine unless otherwise noted.*

Faculty

Kelley Arredondo, Ph.D.

Assistant Professor of Medicine – Health Services Research

Aidan Boyne

Medical Student

Anthony Ecker, Ph.D., M.A.

Assistant Professor of Psychiatry & Behavioral Sciences –
Psychiatry Research

Jimin Kim

Medical Student

Olubunmi Oladunjoye, M.D., M.P.H.

Assistant Professor of Medicine – General Medicine/Primary Care

Kristen Simmons, M.D.

Fellow Physician PGY4

Anthony Xu, M.D.

Fellow Physician PGY6

Uma Ayyala, M.D.

Associate Professor of Medicine - Pulmonary

Meredith Cerra

Medical Student

Allison Heinen, D.O.

Assistant Professor of Medicine – General Medicine/Hospital Medicine

Lee Lu, M.D.

Professor of Medicine – General Medicine/Ben Taub

Venessa Pinto, M.D.

Assistant Professor of Pediatrics – Critical Care

Eric Thomas, M.D., M.P.H., FACP

Professor of Medicine
The University of Texas Health Science Center at Houston

Matthew Yang, M.D., DABOM

Assistant Professor of Medicine – General Medicine/Primary Care

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Poster Judges

Lauren Lobaugh, M.D.

Assistant Professor of Anesthesiology
Texas Children's Hospital

Mary (Toni) A Felberg, M.D.

Assistant Professor of Pediatrics -
Anesthesiology

Sara Andrabi, M.D.

Assistant Professor of Emergency Medicine

Joshua Hamer, Ph.D.

Research Health Scientist/Investigator -
Michael E. DeBakey Veterans Affairs Medical
Center
Assistant Professor of Psychiatry & Behavioral
Sciences

Steve Caloudas, Ph.D.

Director of Discovery, Integration, Success,
Community and Outreach (DISCO) Program

Katy Hicks, M.D.

Assistant Professor of Medicine - Geriatrics

Jairo Barrentes Perez, M.D.

Assistant Professor of Medicine - Pulmonary

Lisa Bomgaars, M.D., M.S.

Professor of Pediatrics - Hematology
Oncology
Texas Children's Hospital

Lona Winnegan, APRN, M.S.N., R.N., NP-C

Instructor/NP - Neurosurgery

Tera Skeen, R.N.

Quality Nurse - Ambulatory Operations

C Michael Fordis, Jr, M.D.

Director, Center for Collaborative and
Interactive Technologies
Senior Associate Dean for Continuing
Professional Development

Mahboob Alam M.B.B.S., FACC

Associate Professor of Medicine - Cardiology

Lee Lu, M.D.

Associate Professor of General Internal
Medicine
Ben Taub Hospital

Holly Clayton, MPAS, PA-C

Assistant Professor of Surgery

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10TH ANNUAL QUALITY IMPROVEMENT AND PATIENT SAFETY CONFERENCE

April 23, 2024

CREATE A PROFILE

All attendees will need to create a profile at <https://cpd.education.bcm.edu/> to track attendance, complete evaluation, and claim CME credit. Click the links below for step-by-step instructions on setting up your profile:

Visitor Profile: <http://tiny.cc/bcmvisitor-profile>

Baylor College of Medicine ECA Profile: <http://tiny.cc/bcmlearner-profile>

NEEDS STATEMENT

Quality improvement and patient safety span all areas of medicine and healthcare. This is a public health and ethical issue given that medical errors can result in unnecessary deaths, injuries, and expenses. As medical knowledge and technology continue to advance at a rapid pace, it is important that all healthcare providers continue to improve their quality of care and maintain patient safety at the forefront of their practice. As a leader in quality and safety, Baylor College of Medicine is uniquely positioned to begin the regional dialogue regarding quality improvement and patient safety strategies for all learners. This year, the conference focuses on building capacity and community.

TARGET AUDIENCE

This activity is for faculty, health professionals, trainees and students.

EDUCATIONAL OBJECTIVES

At the conclusion of this activity, the participants should be able to:

- Describe mechanisms for building capacity and community
- Recognize methods of effective communication for quality improvement projects.
- Identify principles for career advancement in quality improvement.
- Identify the initial steps to get involved in quality improvement or patient safety once a problem is identified.

EDUCATIONAL METHODS

Lecture ▪ Small Group Breakout Session ▪ Question and Answer ▪ Poster Session

EVALUATION

Evaluation by questionnaire will address program content, presentation, and possible bias.

ACCREDITATION/CREDIT DESIGNATION

PHYSICIAN

Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Baylor College of Medicine designates this live activity for a maximum of 2.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC CREDIT

American Board of Anesthesiology (ABA)

This activity offers up to 2.00 CME credits, of which 2.00 credits contribute the patient safety CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology™ (MOCA®) program, known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements.

American Board of Internal Medicine (ABIM)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 2.00 MOC points and patient safety MOC credit in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

American Board of Otolaryngology – Head and Neck Surgery (ABOHNS)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn their required annual part II self-assessment credit in the American Board of Otolaryngology – Head and Neck Surgery's Continuing

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Certification program (formerly known as MOC). It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of recognizing participation.

American Board of Pathology (ABPath)

This activity has been registered to offer credit in the American Board of Pathology's (ABPath) Maintenance of Certification Self-Assessment Module (SAM) credit. Participants may earn up to 2.00 MOC points. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABPath MOC credit.

American Board of Pediatrics (ABP)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn up to 2.00 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.

American Board of Surgery (ABS)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME and Self-Assessment requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

NURSING

Texas Children's Hospital is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation. This NCPD activity awards up to 2.00 contact hours.

OBTAINING CREDIT

Two (2) business days after the course, an email will follow from the Baylor College of Medicine, Division of Continuing Professional Development with instructions for completing the evaluation and obtaining your CME Certificate, CNE Certificate, or Certificate of Attendance.

Physician MOC Credit

In order to receive MOC credit for this activity, the participant must fulfil the following requirements.

1. Complete the electronic pre-test prior to participation in the conference. This was issued prior to the course by the CPD via email.
2. Complete the 4-question electronic post-test. You must achieve a passing score of 70% or higher on the post-test. A link to the post-test will be emailed to you at the conclusion of the conference.

The link will expire May 10, 2024.

Post-test Date	Passing Score
Wednesday, April 24, 2024	3 out of 4 correct

3. Your MOC credit along with identifying information (First Name, Last Name, Email, DOB, and Specialty Board Learner ID Number) will be reported to your specialty board within 8 weeks of the activity. Only passing scores will be submitted to the specialty board. The maximum MOC credit to be claimed for this activity is 2.00 and pending completion of the pre-test and a passing score on the post-test. Eight (8) weeks after the activity, your MOC credits will be reflected on your Baylor CME transcript which can be obtained by going to your account at <https://cpd.education.bcm.edu/>.

Contact Information

Baylor College of Medicine
Division of Continuing Professional Development
One Baylor Plaza, MS: BCM 155
Houston, TX 77030-3411

Email: cpd@bcm.edu

Phone: 713.798.8237

Fax: 713.798.7955

Visit our website at cpd.education.bcm.edu for information about additional CME activities.

DRUG/DEVICE STATUS DISCLOSURE

Some drugs/devices identified during this activity may have United States Food and Drug Administration (FDA) clearance for specific purposes only or for use in restricted research settings. The FDA has stated that it is the responsibility of the individual physician to determine the FDA status of each drug or device that he/she wishes to use in clinical practice and to use the products in compliance with applicable law.

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Baylor College of Medicine requires that all faculty/presenters disclose an unlabeled use or investigational use of pharmaceutical and medical device products, and provide adequate scientific and clinical justification for such use. Physicians are urged to fully review all the available data on products or procedures before using them to treat patients.

DISCLOSURE OF FINANCIAL RELATIONSHIPS WITH COMMERCIAL INTERESTS

DISCLOSURE POLICY

Baylor College of Medicine (BCM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education (CME) for physicians. BCM is committed to sponsoring CME activities that are scientifically based, accurate, current, and objectively presented.

In accordance with the ACCME Standards for Commercial Support, BCM has implemented a mechanism requiring everyone in a position to control the content of an educational activity (i.e., directors, planning committee members, faculty) to disclose any relevant financial relationships with commercial interests (drug/device companies) and manage/resolve any conflicts of interest prior to the activity. Individuals must disclose to participants the existence or non-existence of financial relationships at the time of the activity or within 24 months prior.

In addition, BCM has requested activity faculty/presenters to disclose to participants any unlabeled use or investigational use of pharmaceutical/device products; to use scientific or generic names (not trade names) in referring to products; and, if necessary to use a trade name, to use the names of similar products or those within a class. Faculty/presenters have also been requested to adhere to the ACCME's validation of clinical content statements.

BCM does not view the existence of financial relationships with commercial interests as implying bias or decreasing the value of a presentation. It is up to participants to determine whether the relationships influence the activity faculty with regard to exposition or conclusions. If at any time during this activity you feel that there has been commercial/promotional bias, notify the Activity Director or Activity Coordinator. Please answer the questions about balance and objectivity in the activity evaluation candidly.

All of the relevant financial relationships listed for these individuals have been mitigated.

DISCLOSURES

FACULTY	PLANNING COMMITTEE	PRESENTER/FACULTY	DISCLOSURE
Kelley Arredondo, Ph.D. Assistant Professor of Medicine – Health Services Research		•	Nothing to disclose
Uma Ayyala, M.D. Associate Professor of Medicine - Pulmonary		•	Nothing to disclose
Aidan Boyne Medical Student		•	Nothing to disclose
Meredith Cerra Medical Student		•	Nothing to disclose
Anthony Ecker, Ph.D., M.A. Assistant Professor of Psychiatry & Behavioral Sciences – Psychiatry Research		•	Nothing to disclose
Michael Fordis, M.D. Director, Center for Collaborative and Interactive Technologies Senior Associate Dean for Continuing Professional Development	•		Nothing to disclose
Kyler Godwin, Ph.D., M.P.H. – Activity Director Assistant Dean, Quality Improvement and Implementation Director, Institute for Continuing Professional Development in Quality Improvement and Patient Safety Associate Professor, Department of Medicine	•	•	Nothing to disclose

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Allison Heinen, D.O. Assistant Professor of Medicine – General Medicine/Hospital Medicine		•	Nothing to disclose
Jay Jaber Medial Student	•		Nothing to disclose
Jimin Kim Medical Student		•	Nothing to disclose
Lee Lu, M.D. Professor of Medicine – General Medicine/Ben Taub		•	Nothing to disclose
James McDeavitt, M.D. Executive Vice President Dean of Clinical Affairs	•		Nothing to disclose
Daniel Murphy, M.D., M.B.A. – Activity Director Associate Professor of Internal Medicine Baylor Medicine Chief Quality Officer	•	•	Nothing to disclose
Olubunmi Oladunjoye, M.D., M.P.H. Assistant Professor of Medicine – General Medicine/Primary Care		•	Nothing to disclose
Venessa Pinto, M.D. Assistant Professor of Pediatrics – Critical Care		•	Nothing to disclose
Nataliette Richards MSN, RN, NPD-BC, CPN Nursing Professional Development Specialist Accredited Provider Program Director Nursing Professional Development Clinical Training Texas Children’s Hospital	•		Nothing to disclose
Taimur Siddiqui Medical Student	•		Nothing to disclose
Kristen Simmons, M.D. Fellow Physician PGY4		•	Nothing to disclose
Eric Thomas, M.D., M.P.H., FACP Professor of Medicine The University of Texas Health Science Center at Houston		•	Nothing to disclose
Anthony Xu, M.D. Fellow Physician PGY6		•	Nothing to disclose
Matthew Yang, M.D., DABOM Assistant Professor of Medicine – General Medicine/Primary Care		•	Nothing to disclose

DISCLAIMER

This activity is designed for healthcare professionals for educational purposes. Information and opinions offered by the faculty/presenters represent their own viewpoints. Conclusions drawn by the participants should be derived from careful consideration of all available scientific information.

While Baylor College of Medicine makes every effort to have accurate information presented, no warranty, expressed or implied, is offered. The participant should use his/her clinical judgment, knowledge, experience, and diagnostic decision-making before applying any information, whether provided here or by others, for any professional use.

Faculty/presenters have submitted materials for this syllabus for printing in advance so that you may have an outline or summary of the main points of their presentation. Often this differs from the final version of their slides as faculty/ presenters make revisions up until the day of the meeting.

Additionally, some images (cartoons, drawings and some photographs) shown on the screen may not be present in your educational materials because of publishers’ requirements for reprinting of copyrighted images.

NOTICES

Faculty, topics, program schedule, and credit are subject to change.

Audio or videotaping is prohibited without written permission from the Activity Directors and the Division of Continuing Professional Development, Baylor College of Medicine, Houston, Texas.

Scan the QR Code to access the [Abstract Book](#)

