Welcome

Quality Improvement & Patient Safety Symposium

Monday, May 18th, 2020
3:15 PM – 5:00 PM

Virtual Meeting
Special Thanks to...

**RSC Executive Committee Members**
- Barbara Mayer, RN - Nursing Lead
- Haley Manella, MD - Co Chair
- Swati DiDonato, MD - Co Chair
- Erna Forgó, MD - Co Chair
- Joshua Jaramillo, MD - Co Chair
- Hilary Wang, MD - TeamSTEPPS Vice Chair
- Tiffany Lee, MD - Communications Vice Chair
- Luisa Fernandez – Program Coordinator
- Lisa Shieh, M.D., PhD, FHM Program Director

**RSC Executive Sponsors**
- David Entwistle, Chief Executive Officer, SHC
- Karen Frush, BSN, MD, CPPS, Chief Quality Officer, SHC
- Norman Rizk, M.D., Chief Medical Officer

**RSC Steering Committee**
- Alpa Vyas
- Amy Lu
- Barbara Mayer
- Christopher Calkins
- Christopher Sharp
- Cliff Schmiesing
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- Christine Henley
- David Crichton
- David Larson
- David Magnus
- Eric Hadhazy
- Hirut Truneh
- Jessie Kittle
- Justin Slade
- Karen Frush
- Katherine Werbaneth
- Katie Kvam
- Lance Downing
- Larry Katznelson
- Lauren Destino
- Lisa Shieh
- Nanette Trias
- Nilushka Melnick
- Patty Duhon
- Paul Maggio
- Paul Mohabir
- Rosie Flores
- Ryan Ribeira
- Sam Shen
- Sharon Hampton
- Stephanie Harman
- Steven Chinn
- Tom Caruso
- Tricia Britt
- Winnie Teutenberg
Special Thanks to...

Graduate Medical Education Office
- Larry Katznelson, M.D. Associate Dean for GME
- Ann Dohn, MA, Director, GME

A Big Thank you to Trey for all his support for this event.
- Thang “Trey” Huynh-Ngo—Project Manager

Inpatient MyHealth APP
- Team Leader John Chan
- Team Leader Adi Ullal
- Faculty Mentor Lisa Shieh
- Faculty Mentor Alpa Vyas
- Nursing Leader Ann Mitchell
- Nursing Leader Joanne Meneses
- Co-Chair Advisor Erna Forgo
- Team Member Benjamin Catanese
- Team Member Lyndly Tamura
- Team Member Erik Blomain
- Team Member Nivetha Subramanian

Voalte Communication Improvement
- Team Leader Conner “Robert” Dixon
- Faculty Mentor Cliff Schmiesing
- Nursing Leader Jason Francis
- Co-Chair Advisor Joshua Jaramillo
- Team Members Ashley Titan, Sammita Satyanarayan
- Team Members Chichen Qiu, Lawrence Cai
- Team Members Katherine Xiong, Garrison Carlos
- Team Member Nima Hirandi
- Team Member Michael Pohlen
- Team Member Neel Chari
**Special Thanks to...**

**RSC Safety Champions**

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<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tr>
<td>Alix Baycroft</td>
<td>Anesthesia</td>
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<td>Christine Stypula</td>
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<td>Lindsay Grabek</td>
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<td>Mae Gillespie</td>
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<td>Sarah Joo</td>
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<td>AJ Pedroza</td>
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<td>Dermatology</td>
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<td>Maggie Moses</td>
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<td>Alexander Khalaf</td>
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<td>Maria O’Malley</td>
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<td>Michael Pohlen</td>
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<td>Sarah Cheng</td>
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<td>Jason Teng</td>
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<td>Jared Shenson</td>
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<td>Tyler Okland</td>
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<td>Ashley Titan</td>
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<td>Aditya Ullal</td>
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<td>Benjamin Weia</td>
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<td>Neel Chari</td>
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<td>Paras Fatemi</td>
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<td>Zack Medress</td>
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<td>Paige Bates</td>
<td>OB/GYN</td>
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<td>Anne Waldrop</td>
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<td>Cassie Ludwig</td>
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<td>Lauren Shapiro</td>
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<td>Simon Chen</td>
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<td>Jonji Barber</td>
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<td>Zeshaan Mann</td>
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<td>Erik Blomain</td>
<td>Radiation Oncology</td>
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<td>Alex Kasman</td>
<td>Urology</td>
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<td>Kyla Velear</td>
<td>Urology</td>
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Special Thanks to...

**Rapid Response Team - Improving**
- Team Leader       James Mitchell
- Team Leader       Jeff Choi
- Nursing Leader    Paul Georgantes
- Nursing Leader    Karen McIntyre
- Faculty Mentor    Paul Mohabir
- Co-Chair Advisor  Swati Yanamadala,
- Team Member       Albert Pedroza
- Team Member       David Li
- Team Member       Adjoa Boateng
- Team Member       Wil Gibb
- Team Member       Garrison Carlos

**Goals Of Care**
- Team Leader       Mukund Ramkumar
- Team Leader       Jason Batten
- Team Leader       Emmy Shearer
- Faculty Mentor    Stephanie Harman
- Faculty Mentor    Winnie Teuteberg
- Faculty Mentor    David Magnus
- Nursing Leader    Christine Henley
- Nursing Leader    Morgan Oliveria
- Co-Chair Advisor  Haley Manella
- Team Member       Kimbery Kopecky
- Team Member       Simran Sekhon
- Team Member       Bhoomika Kamath
- Team Member       Henry Zeng
- Team Member       Lan Jin

**QIPSS Facilitator**
- Haley Manella
- Erna Forgó
- Joshua Jaramillo
- Hilary Wang
- Benjamin Weia
Welcome from RSC Executives

Dear Colleagues,

Welcome to the 2020 Resident Quality Improvement Patient Safety Symposium

The 6th Annual Resident Quality Improvement/Patient Safety Symposium is an opportunity for Stanford Healthcare and Stanford Children’s Hospital students, residents and fellows to share their safety and healthcare improvement projects with other trainees and faculty. This is held annually to showcase the quality improvement and patient safety research being done across programs at the hospital and medical school. It is also a great opportunity to interact virtually with the institutional and quality improvement leaders here at Stanford.

Awards/Recognition

Top 10 abstract /posters $100 meal card

Top 5 multidisciplinary projects $100 meal card

All participants will receive a $10 meal card.

Recognition

2019-2020 High Value Innovation Challenge Award Winners:

1. Dr. Josh Jaramillo (General Surgery Resident) "Reduction of Unnecessary SICU admissions for Rib Fracture Patients"

2. Dr. Branden Tarlow (Gastrointestinal Fellow) "Elimination of low-value inpatient fecal occult blood testing"

3. Dr. Andrea Jonas (Pulmonary Fellow) "Improving End of Life Care for IPF (Idiopathic Pulmonary Fibrosis) Patients"

4. Dr. Benjamin Weia (Internal Medicine Resident) "Reduction of low value serum magnesium testing"

3rd cycle deadline June 15, 2020
Chief Judges

Lisa Shieh, MD, PhD, FHM

Lauren Destino, MD

Sam Shen, MD

Amy Lu, MD

David Larson, MD, MBA

Barbara Meyer, PhD, RN, PhD
Thank you to our amazing judges!

- Paul Maggio
- David Crichton
- Hurley Smith
- Monique Bouvier
- Eric Hadhazy
- Meghan Mahoney
- Paul Heidenreich
- Kaniksha Desai
- Zarrina Bobokalova
- Thomas Lew
- Roxanne Hyke
- Margaret Smith
- Allen Orsi
- Fahmeedah Kamal
- Nivedita Srinivas
- Jake Mickelsen
- Carl Gold
- Michelle Williams
- Anuradha Phadke
- Erlina Haun
- John Shepard
- Patrice Duhon
- Rahim Nazerali
- Laurice Yang
- Laleh Gharahbaghian
- Trish Britt
- Christina Wachira
- Eric Bernier
- Ginger Yang
- Teri Ard
- Joseph Hopkins
- Steve Chinn
- Stacy Serber
## Opening Remarks

**Laurence Katznelson, M.D.**  
Associate Dean of Graduate Medical Education  
Professor of Neurosurgery and Medicine

**Karen Frush, BSN, M.D., CPPS**  
Chief Quality Officer, SHC

**David Entwistle**  
Chief Executive Officer, SHC

**Haley Manella, M.D.**  
Resident Safety Council Co-Chairs

**Erna Forgo, M.D.**  
Resident Safety Council Co-Chairs

### Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<td>3:30-5pm</td>
<td><strong>Poster Session will begin</strong>, each presenter will have 5 minutes, and 2 minutes for Q &amp; A.</td>
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<td>5:15-5:45pm</td>
<td><strong>Deliberation of Top Presentations</strong></td>
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<td><strong>Friday May 22</strong></td>
<td><strong>Announcement of Winners!</strong></td>
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1) **Anna Janas, MD PhD:** Improving the efficiency and safety of Neuro-ICU to floor patient transfers

2) **Ashley Titan, MD:** Modifying Post-operative Opioid Prescribing Practices: an Institutional Intervention

3) **Audra Horomanski, MD:** Improving Influenza Vaccination at Stanford Rheumatology Clinic

4) **Zeng Zenata Cheng, MD:** Efficacy of a formalized Skilled Nursing Facility Curriculum for Geriatric Medicine and Geriatric Psychiatry Fellows

5) **Collin J. Culbertson, MD:** Analyzing Impact of an Institutional Protocol for MRI in Patients with Legacy Cardiac Rhythm Devices

6) **Connie Wu, MD:** Streamlining ICU care for ALS patients receiving tracheostomy and gastrostomy

7) **Emily Pang t, MD:** Impact of a Best Practice Alert Intervention on Potentially Inappropriate Platelet Transfusion Ordering in the Inpatient Hospital Setting

8) **Emily Shearer, MD:** Decreasing Provider Discordance in Code Status Ordering and Interpretation at SHC

9) **Emmeline Ha, MD:** Developing a Telemedicine Curriculum for a Family Medicine Residency

10) **Eric Rider, MD:** Ultrasound Training for Lumbar Puncture in Neurology

11) **Erica Von Stein, MD:** Decreasing ED Visits for Breakthrough Seizures in Patients Established with the Epilepsy Clinic

12) **Erik Eckhert, MD:** Preliminary Results of an Intervention to Improve HIV PrEP Administration & STI Screening for MSM in the Stanford Internal Medicine Clinics

13) **Ioana Baiu, MD:** Nocturnal Awakening Prevention (NAP) Protocol

14) **Ioana Baiu, MD:** Standardization of Discharge Instructions for Surgical Patients: Faster, Safer, Better
15) **Jai Madhok, MD**: A Standardized Evidence-based Protocol for Use of Peripheral Vasopressors

16) **Jason V. Scapa, MD**: Optimization and Cost Savings with Reduction of Negative Immunohistochemical Reagent Controls

17) **Jessica Ng, MD**: Methods to address challenges in implementing teleneurology during COVID-19

18) **John Chan, MD and Aditya Ullal, MD**: “Ask Me How!” A provider-driven intervention to increase usage of the inpatient MyHealth App

19) **Joshua Jaramillo, MD**: Preventing Unnecessary Admissions to SICU by developing a Multidisciplinary Clinical Pathway for Trauma Patients with Isolated Rib Fractures

20) **Julia Armendariz, MD**: Characterizing Interruptions to Attending Rounds on an Academic General Medicine Service

21) **Julia Marlow, MD**: Breathing Easier on Acute Care

22) **Justin Slade, MD**: Improving Guideline-Directed Medical Therapy Utilization for Heart Failure with Reduced Ejection Fraction Within a Veteran's Affairs Health System

23) **Katherine Thomas, MD**: Effect of Brief Education Course on Provider Utilization of Telehealth Video Visits During the SARS-CoV-2 Pandemic

24) **Kristie Hsu, MD**: Understanding Life after Hospitalization: A Geriatric Trauma Quality Improvement Pilot

25) **Leean Rodolph, MSN, RN and Thomas Wilson, MD**: Improving provider-nursing communication on an inpatient neurosurgery unit

26) **Liana So, PHD**: Evaluation and deprescribing of high-risk medications in geriatric population with dementia

27) **Maggie Moses, MD**: Pneumocystis Pneumonia Prophylaxis Prescribing Patterns in Dermatology

28) **Michael Genualdi, MD**: Sign, Seal, Deliver: Pre-Addressed Ad-
vance Directive Packets to Increase Completion Rates

29) **Mukund Ramkumar, MD**: If a Tree Falls in the Woods… Improving POLST Documentation Rates to Memorialize Patient Preferences

30) **Nadeem Abou-Arraj, MD**: Improving long-term care for patients with drug and alcohol use disorders admitted to internal medicine

31) **Nima Harandi, MD**: Improving and Standardizing Inpatient RN-MD Communication with a Voalte Messaging Protocol

32) **Nitin Prabhakar ,MD, and David Bakal, MD**: EMR Handoff Tool Improves Transitions of Care for Acute Rehabilitation Handoffs

33) **Philip Y. Cheung, MD,;**: A Culture of "Yes!": Next Level Radiology Service Excellence

34) **Rebecca Levy, MD**: Evaluation of seizure risk in neonates after cardiopulmonary bypass in the absence of deep hypothermic cardiac arrest

35) **Rebecca Linfield, MD**: Cost Transparency Affected Expensive Drug Prescribing and IV to PO Substitution

36) **Sara Pavitt, MD**: Implementation and Evaluation of Neurology Residency Program Changes on Well-being During COVID-19 Pandemic

37) **Sarah N. Cheng MD**: Increase effectiveness of intra-operative radiographs to rule out retained foreign objects

38) **Shefali Dujari** Measuring the Quality of a Quality Measure

39) **Tara Ramaswamy, MD**: Improving the Quality and Ease of Outpatient Preoperative Evaluations

40) **Tarini Goyal, MD**: Increasing New Patient Access to Neurology Clinics using Patient-Initiated Late Cancellations

41) **Tarini Goyal, MD**: A Novel Goals of Care Communication Curriculum for Neurology Residents Improves Confidence and Skills

42) **Theresa Dunham, MD**: Antibiotic Clinical Decision Support Tool Improves Management of Beta-Lactam Allergies
43) **Victor Eng, MD:** Discomfort from povidone-iodine ocular antiseptic swabs

44) **Vittavat Termglinchan, MD:** Make a difference in pneumonia readmissions: Transitionalist Pathway, a multidisciplinary transitions of care approach

45) **Wendy Chen, MD:** Improving Bedside Care and Cognitive Assessment of Adult Epilepsy Monitoring Unit (EMU) Patients

46) **Wil Gibb, MD:** Improving Rapid Response Communication Redesign of the Geriatric Hip Fracture Pathway â€“ A Before and After Implementation Study
Extra special thanks to David Entwistle, CEO, and Laurence Katznelson, MD Chair of GME

Thank you to our Chief Quality officer for her continued support.

Karen Frush BSN, MD, CPPS, Chief Quality Officer,
The Safety Quest Series:  http://safetyquest.stanford.edu

**Patient Safety and Quality Improvement**
Modern healthcare is complex and has many opportunities for error. To ensure patient safety, hospitals and healthcare systems must continually strive to work together as a team, create a culture of patient safety, and identify and mitigate risks.

Safety Quest is a sequential series of online CME gaming modules (levels 1 - 4) that provide an innovative and immersive experience to understanding the underlying causes of patient safety issues. This unique educational program emphasizes a problem-solving approach to preventing errors in all healthcare settings and seeks to ensure that patients are provided with care that supports the key quality aims of the Institute of Medicine.

Throughout the series, learners will work to save patients from preventable harm and will gain problem solving quality improvement and safety tools to approach these issues. Case-based sce- narios using multiple game modalities will be used to put these principles into practice and save future lives.

Scan here to play Safety Quest for free CME