

April 21-22, 2016

Hill Country Hyatt, San Antonio, Tx

www.utsystem.edu/sites/shared-visions



AGENDA

Wednesday, April 20, 2016 - Pre- Conference

Meeting Room

1:00 - 5:00 PM	Registration Check-in	Bandera A
2:00 - 4:00 PM	Pre-Conference Session (#1) <i>Sustainability - Michele Bosworth, MD, UTHSC - Tyler</i>	Brandy
2:00 - 4:30 PM	Pre-Conference Session (#2) <i>A Taster's Tour of Healthcare Systems Engineering at UT MD Anderson Cancer Center</i> - Overview - Victoria Jordan, PhD - Proton Therapy – Douglas Durbin and Nick Olivieri - Room Utilization – Ashley Robinson - Access Algorithm – Laura Burke - Clinical Trial Planning and Operation Monitoring – Wei Liu, PhD - Perometer Variance Reduction (for Lymphedema screening) Parviz Kheirkhah, PhD and Simona F. Shaitelman, MD, EdM - Radiation Therapy Treatment Planning Optimization under Uncertainties Maryam Zaghian, PhD	Hondo
5:00 - 6:30 PM	UT System Imaging Collaborative Discussion Joseph Steele, MD, UT MD Anderson Cancer Center	Bandera B/C

Thursday, April 21, 2016

7:30 AM	Registration and Continental Breakfast	Hill Country Ballroom Foyer
8:30 AM	Opening Remarks	Hill Country Ballroom
8:40 - 10:00 AM	Opening Keynote: <i>There's a Patient on the Care Team: A New Design for Health and Healing</i> Laura Adams, President and CEO Rhode Island Quality Institute	
10:00 - 10:15 AM	Coffee Break	
10:15 - 11:30 AM	Poster Session	Hill Country Ballroom E
11:30 - 1:00 PM	Light Lunch and Keynote Speaker <i>Reliability in Health Care, Why is it Important?</i> John Hensing, MD, Executive Vice President and CMO Banner Health	Rogers Wiseman Pavilion

1:00 – 2:00 pm

ORAL PRESENTATIONS

SESSION 1 – SYSTEMS ENGINEERING GRANT REPORTS

Hill Country Ballroom F-G

- *Reducing Avoidable Harm from Device Related Healthcare Associated Infection*
Chanhaeng Rhee, MD, MBA
UT Southwestern Medical Center Dallas
- *Design an Elective Surgery Systematic Pathway and CORE Grant to support Systems Engineering Projects at UTMB*
Adam G. Spieker, MBA
UT Medical Branch Galveston

SESSION 2 – CS&E ABSTRACT PRESENTATIONS

Brady

- *Reducing Coagulase Negative Staphylococcus Aureus (CoNS) Contamination of Blood Cultures in the Neonatal Intensive Care Unit (NICU)*
Preethi Srinivasakumar, MD
UT Southwestern Medical Center
- *Improving the Quality of Oral Health Care for the Diabetic Patient in Dental School Outpatient Clinics*
Gary Guest, DDS
UT Health Science Center - San Antonio
- *Improving IDWG in Dialysis Patients*
Chandandeep Takkar, MD and Laura Montes, RN
UT Health Science Center - San Antonio

SESSION 3 – CS&E ABSTRACT PRESENTATIONS

Hill Country Ballroom A-D

- *Implementation of a Postpartum Depression Screening Tool in a Pediatric Outpatient Primary Care Resident Clinic*
Karen Wittenburg, MD, Michelle Gallas, DO and Tara Greendyk, MD
UT Austin Dell Medical School
- *Scheduling Quality: Utilization of 4+1 Block Rotations to Build Systems of Care and Quality into Resident Education*
Megan Freeman, MD and Patricia Wathen, MD
UT Health Science Center - San Antonio
- *Fundamentals of Quality Improvement Certificate*
Robert Joyce, MS, CPLP and Barbara Shelton, MS
UT MD Anderson Cancer Center

2:00 - 2:15 PM

Move Rooms/Coffee Break

2:15 - 3:15 PM

ORAL PRESENTATIONS

SESSION 4 – SYSTEMS ENGINEERING GRANT REPORTS

Hill Country Ballroom A-D

- *Improving Inpatient & Outpatient Throughput by Computer Simulation - ICU, DI, Rad Oncology*
Joseph Steele, MD, Joseph Nates, MD, Emily Norboge, MPSA
UT MD Anderson Cancer Center

SESSION 5 – SYSTEMS ENGINEERING GRANT REPORTS

Brady

- *Improving Patient Flow and Resource Utilization in ED*
Yashwant Chathampally, MD
UT Health Science Center Houston
- *Improving Lab Order, Verification and Follow-Up Processes at UT Physicians*
Eric Thomas, MD, MPH
UT Health Science Center Houston

Thursday, April 21, 2016 (cont.)

Meeting Room

2:15 - 3:15 PM	ORAL PRESENTATIONS	
	SESSION 6 – CS&E ABSTRACT PRESENTATIONS	Hill Country Ballroom F-G
	• <i>Decreasing Drug Transfer Times Between Retail Pharmacies – Drug Trac</i> Nikki Bui, PharmD and Thuy Tran, PharmD UT MD Anderson Cancer Center • <i>Preventing Over-inflation of the Tracheal Tube Cuff During General Anesthesia</i> Eric Rosero, MD and Meghan Michael, MD UT Southwestern Medical Center • <i>Reduced Scan Time for Computed Tomography Patients with Delayed Images</i> Bilal Mujtaba, MD and Priya Bhosale, MD UT MD Anderson Cancer Center	
3:15 - 3:30 PM	Move Rooms/Coffee Break	
3:30 – 5:00 PM	Choose one of the following panel discussions to attend	
	<i>Improving Diagnosis in Healthcare</i>	Hill Country Ballroom F-G
	Moderator: Eric Thomas, MD, MPH , UTHSC- Houston	
	Panelists: Hardeep Singh, MD, MPH , Baylor Medical & Houston VA Dean F. Sittig, PhD , UT Health School of Biomedical Informatics, UTHSC - Houston	
	<i>Non-Traditional Applications of Healthcare Systems Engineering</i>	Hill Country Ballroom A-D
	Moderator: Victoria Jordan, PhD , UT MD Anderson Cancer Center	
	Panelists: Douglas Morrice, PhD , UT Austin McCombs School of Business <i>Operations Management</i> Tim Peglow, MBA, MSE , UT MD Anderson Cancer Center <i>Using Lean and Six Sigma in Housekeeping and Maintenance at UT MD Anderson Cancer Center</i> Pam Redden, MS, BSN, RN EDAC , UT Austin Dell Medical School <i>Using Systems Engineering Tools Such as Value Stream Mapping and Mathematical Simulation to Optimize Facility Design</i>	
6:30 - 7:00 PM	Reception (cash bar)	Rogers Wiseman Pavilion
7:00 - 8:30 PM	Awards Dinner CS & E awards, new fellows introduced and program update	Rogers Wiseman Pavilion

Friday, April 22, 2016

8:00 AM	Continental Breakfast	Independence Ballroom Foyer
8:30 - 9:30 AM	Keynote Speaker <i>Accelerating Innovations in Health</i> S. Clay Johnston, MD, PhD Dean and Vice President for Medical Affairs The University of Texas at Austin Dell Medical School	Independence Ballroom 1-3
9:30 - 9:45 AM	Move Rooms/Coffee Break	

9:45 - 10:45 AM ORAL PRESENTATIONS

SESSION 7 – SYSTEMS ENGINEERING GRANT REPORTS

Brady

- *Implementing a Patient-Centered Surgical Home*
Luci K. Leykum, MD
UT Health Science Center at San Antonio
- *Optimizing House Staff Schedules and Patient Access in Primary Care Teaching Clinics*
Luci K. Leykum, MD
UT Health Science Center at San Antonio

SESSION 8 – CS&E ABSTRACT PRESENTATIONS

Bandera

- *Get to Green: Improving Team Communication to Reduce Ventilator Hours*
Alexandris Aman and Bela Patel, MD
UT Health Science Center - Houston
- *Reporting to FDA MedWatch: Evaluating the Implementation of a Standardized Adverse Drug Reaction Reporting Algorithm in a Comprehensive Cancer Center*
Sayer Monroe, PharmD
UT MD Anderson Cancer Center
- *My Pain's a 10, Doc!*
Adrian Nedelcut and Lisa Bailey, RN
UT Health Science Center Tyler

SESSION 9 – CS&E ABSTRACT PRESENTATIONS

Independence Ballroom 1-3

- *Reduce Wait Time for Add-on OR Patients in Clinical Nuclear Medicine (CNM)*
Dao Le, PharmD and Scottie Jones, MBA
UT MD Anderson Cancer Center
- *Optimizing General Ultrasound Workflow*
Rhoda Reading, BSBA, RDMA, RT and Silvana Faria, MD, PhD
UT MD Anderson Cancer Center
- *Improved Colorectal Cancer Screening Rates in East Texas*
Carlton Allen, MS
UT Health Science Center Tyler

10:45 - 11:00 AM Move Rooms/Coffee Break

11:00 - 12:00 PM ORAL PRESENTATIONS

SESSION 10 – SYSTEMS ENGINEERING GRANT REPORTS

Brady

- *Improving Diabetes and Obesity Care in Sparse Population Areas*
Hiram Moya, PhD
UT Rio Grande Valley
- *Improving Inventory Management Systems in the Division of Pharmacy*
Parviz Kheirkhah, PhD
UT MD Anderson Cancer Center

SESSION 11 – SYSTEMS ENGINEERING GRANT REPORTS

Bandera

- *Integrated Care for Patients with COPD*
Gulshan Sharma, MD, MPH
UT Medical Branch Galveston
- *Money for Training and Industrial Engineering Support*
Michele Bosworth, MD and Brenda Lee, MSN, RN
UT Health Science Center - Tyler

SESSION 12 – CS&E ABSTRACT PRESENTATIONS

Independence Ballroom 1-3

- *The DISINFECT Initiative: Decreasing the Incidence of Surgical Infections in Gynecologic Oncology*
Jolyn Taylor, MD and Claire Marten, PharmD
UT MD Anderson Cancer Center
- *Improving Bone Health for Prostate Cancer Patients on Androgen Deprivation Therapy*
Jeong-he Ku, MD
UT Southwestern Medical Center
- *Impact of a Physician Dashboard on Episiotomy Utilization at William P. Clements, Jr. University Hospital*
Katherine Xiong and Robyn Horsager-Boehrer, MD
UT Southwestern Medical Center

12:00 NOON

Conference Concludes