Mission
Foster opportunities for educators (faculty and trainees) to engage with the larger medical education community through diverse categories of scholarship

Goals
1. Create collaborative communities of educators and educational scholars
2. Facilitate individual educators’ scholarly pursuits in medical education
3. Promote dissemination of scholarship in medical education
Leadership

**Satid Thammasitboon, MD, MHPE**
CRIS Director
Co-Director, TCH Faculty College
is versed in quantitative and mixed methods research, curriculum development, assessment instrument development, innovations in education and his areas of interest include critical thinking, mentoring, scholarship and professional development. He has broad experience in graduate medical education and currently serves as the Executive Director for the Medical Education Units for Research and Scholarship and Chair of Resident Scholarship Program in the Department of Pediatrics.

**Teri Turner, MD, MPH, MEd**
CRIS Founding Director
Vice Chair for Education
is internationally known education leader and researcher. Her areas of interest include research in graduate medical education, particularly in instructional methods and competency assessment and in faculty development with respect to career development of clinician educators.

**Geeta Singhal, MD, MEd**
Co-Director, TCH Faculty College
Associate Vice Chair for Education
is the director of the Office of Faculty Development at Baylor College of Medicine. Her areas of interest include faculty development, education portfolios and professional development. She is also a pediatric hospitalist, and has interests in patient safety related to diagnostic errors, family centered rounding and faculty development.

Established in 2012, the Center for Research, Innovation and Scholarship (CRIS) is one of the first medical education centers in the nation in a free-standing children’s hospital.
CRIS Faculty

Anne Gill, DrPH, MS, RN
Norton Rose Fulbright Expert/Coach
Assistant Dean, Interprofessional Education
is an educator with experience in undergraduate and graduate medical education and faculty development. She is versed in quantitative and qualitative research methods and primarily interested in professionalism, critical reflection and patient safety.

Audrea Burns, PhD
Associate Director, Physician-Scientist Program
Co-Director, National Pediatrician-Scientist Collaborative Workgroup
is an education scholar. Her areas of interest include professional identity formation, curriculum development and qualitative research.

Jennifer Rama, MD, MEd
Director, Pediatric Pulmonary Medicine Fellowship
Program Director, Pediatric Fellow College
is a clinician-educator in pulmonary medicine. Her areas of expertise include program evaluation, curriculum development and appreciative inquiry.

Brian Rissmiller, MD
Associate Director, Pediatric Residency program is a clinician-educator in pediatric critical care. His areas of interest include curriculum development, programmatic assessment and competency-based education.

Betty (Lee) Ligon, PhD, MA, MA, MAR
Senior Medical Writer
Director, CRIS Publisher
is a former English professor and is now an editor in the department of pediatrics and an ordained priest in the Anglican Church. She supports faculty by editing manuscripts and grant proposals and teaching medical and scholarly writing.

CRIS posits that educators or communities of educators, facilitated or supported by CRIS, would be equipped to engage with the larger medical education community at a regional, national and international level.
CRIS Faculty

Shelly Kumar, MS, MSc
Senior Statistician
Is an experienced statistician in health professions education. Her areas of interest include instrument development and statistic model development.

Remijio (Remy) Elizondo
Program Management Associate

FACULTY IN RESIDENCE

Mellisa Carbajal, MD
CRIS Faculty in Residence
Director, Neonatology Fellowship Program Director

Lanassa Bass, MD, MEd
Faculty in Residence
Associate Director, Pediatric Residency Program
Co-Director, Primary Care LEAD Residency Program

ADJUNCT FACULTY

Partha Krishnamurthy, PhD., M.B.A.
is a professor of marketing at the C.T. Bauer College of Business, University of Houston and an adjunct assistant professor in the department of pediatrics. He is versed in psychology of decision-making, consumer/patient perspective, and interventions that influence thoughts, feelings and behavior. He offers expertise in experimental research and analysis of large data sets including electronic medical records.

Bob Lynch, M.Ed., M.S., M.F.A.
is a professor and a certified master tutor who coaches writing for publication and presentation. A longtime professor of English and journalism at Lone Star College, he previously shared in a Pulitzer Prize awarded to staff at the Los Angeles Times.

We are committed to engaging with faculty, trainees and Texas Children’s Hospital leadership with the educational issues that matter to them.
Health professions education unfolds in increasingly complex healthcare environments. This milieu often leads to “wicked problems” – issues that are difficult or impossible to solve because of incomplete, contradictory, and/or changing requirements that are often hard to recognize. We at CRIS use a 3-D Matrix Model to create the distributed shape shifting organization that fosters self-organized, cooperative networks of education scholars as the complexity-sensitive approach to addressing wicked problems in health professions education.

Assessment & Evaluation
Design Thinking/Research
Instruction Technology
Psychometric Studies
Qualitative Research
Research Methodology
Writing and Rhetoric

Biostatistics
Clinical Teacher Development
Education Scholar Development
Grant Writing
Learning Management System
Program Administration
Publishing House

Evidence Academy
Bedside Ultrasound Education
Digital Scholarship
Leadership Academy
Medical Humanities
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Based on the nature-inspired optimization model of starling’s murmuration, the Center for Research, Innovation and Scholarship (CRIS) creates networks of scholars, the Medical Education Units for Research/Scholarship—MURS, to foster professional development and scholarly productivity. MURSs are distributed, autonomous networks of scholars. Each MURS is comprised of scholars with shared interests in producing scholarship. They are prescribed to organize the collaborative efforts without hierarchies thereby allowing group members to explore a vast range of creativity. By creating decentralized intelligence networks of MURS, CRIS does not dictate MURS scholarly pursuits.

Digital & Social Media Scholarship
Anoop Agrawal, MD
Jennifer Benjamin, MD
Lindsey Cameron, MD
Saul Flores, MD

Beside Ultrasound Education
Alan Riley, MD
Kyle Brown, MD
Kiyetta Alade, MD
Adam Adler, MD
Mona Khattab, MD
Stephanie Leung, MD

Evidence Academy
Mohan Pammi, MD, PhD
Aarti Bavare, MD, MPH
Krithika Lingappan, MD
Nirica Borges, MD
Ganga Gokulakrishnan

Medical Humanities
Audrea Burns, PhD
Gwen Erkonen, MD
Anne Gill, DrPH, MS, RN
Parag Jain, MD
Dan Mahoney, MD
Amanda Ruth, MD