



innovation

*Transformational
Ideas Initiative
Celebration*

September 12, 2019

empathy
matters



KERN INSTITUTE
 Transformational Ideas Initiative



Welcome

Transformational Ideas Initiative

The Kern Institute's Transformational Ideas Initiative is an annual innovation accelerator program which funds projects proposed by MCW faculty, staff, students, residents and fellows focusing on transforming medical education. Great emphasis is placed on weaving character strength education into each project, as well as how to apply those strengths as practical wisdom in a caring healthcare delivery model. In these projects, collaboration and partnerships within MCW and with other institutions, community members and organizations are encouraged. Accepted ideas are coached through a human-centered design process led by experienced facilitators who help teams scope and finalize their project implementation plans for success.

The Robert D. and Patricia E. Kern Institute for the Transformation of Medical Education was established in early 2017 through a transformative investment to the Medical College of Wisconsin from the Kern family, the Kern Family Foundation, and Stephen and Shelagh Roell. The Kern Institute is dedicated to advancing a new foundation for medical education based on character, competence, and caring. We are advancing innovation by applying human-centered design methodology and the principles of the entrepreneurial mindset: curiosity, connections, and creating value.



KERN INSTITUTE
FOR THE TRANSFORMATION OF MEDICAL EDUCATION

Celebration Program

5:00 PM WELCOME & INTRODUCTIONS

M. Chris Decker, MD
Professor of Emergency Medicine
Chief Transformation Officer,
Medical College Physicians
Director of Culture & Systems,
Kern Institute
Interim Vice Chair for Clinical
Operations, Department of
Emergency Medicine, MCW

Adina Luba Kalet, MD, MPH
Director, Robert D. and
Patricia E. Kern Institute
for the Transformation
of Medical Education
Stephen and Shelagh Roell
Endowed Chair, Medical College
of Wisconsin

5:15 PM 2018 TRANSFORMATION SPOTLIGHT

Austin Dopp, MD Candidate 2021
Virtual Clinic Videos

5:25 PM 2019 PROJECT PRESENTATIONS

Difficult Conversation OSCEs
Mobile Learning for Clerkship Students
Mentorship for Pre-Clinical Students
Interactive Wiki for Diagnostic Thought Process
Promoting Clinical Empathy in Medical School
Competencies for Community Engagement
Digital App for Social Determinants of Health
The Art of Observation
Training to Heal: Trauma-Informed Care
Competencies for Treating Veterans

6:30 PM COLLABORATION RECEPTION



2018 Project Spotlight

VIRTUAL CLINIC VIDEOS

by Austin Dopp, M3 Student; Nathan Klesmith, M3 Student; Scott Self, M3 Student

This team developed online videos emphasizing patient interviews, basic science material, and physical exam skills to serve as a supplement to didactic learning. They are currently working on including the videos in the curriculum as a way to improve empathy and reduce burnout, while maintaining exam scores.

2019 Program Projects

DIFFICULT CONVERSATION OSCEs

by John Hayes, DO; Shena Johnson, PsyD; Jessica Hayes, M4

This team plans to implement a series of difficult conversation OSCEs designed to teach advanced communications skills to fourth-year students at the Medical College of Wisconsin in eight simulated patient encounters. The encounters will be centered around four communication themes: inspiring behavior changes, breaking bad news, patients with limited health literacy, and communicating with the angry/manic patient.

MOBILE LEARNING FOR CLERKSHIP STUDENTS

by James McCarthy, MD; Kelsey Porada

This team is developing a mobile learning platform for medical students and residents in pediatrics to flesh out the information in an audio-only podcast by providing teaching scripts, subject outlines, and lists of relevant articles.

MENTORSHIP FOR PRE-CLINICAL STUDENTS

by Sonali Srivastava, M2; Srisha Kotlo, M2; Alonzo Walker, MD; Kurt Pfeifer, MD; Malika Siker, MD (PI)

This team is organizing a mentoring program for preclinical medical students to provide them with a platform to regularly meet diverse clinical faculty and be exposed to a diverse range of specialties.

INTERACTIVE WIKI FOR DIAGNOSTIC THOUGHT PROCESS

by John Astle, MD, PhD; Paul Guillod, MD; Alexandra Harrington, MD; Maria Hintzke, MD; Steven Kroft, MD; Vasiliki Leventaki, MD; Molly Young

This team is creating a digital resource that will help physicians rapidly access information in a way that follows the diagnostic thought process, partially alleviating the need to memorize the abundance of information becoming available.

PROMOTING CLINICAL EMPATHY IN MEDICAL SCHOOL

by Pinky Jha, MD; Sanjay Bhandari, MD; Patrick Foy, MD; Brooke Mbow; Hari Paudel, MD

This team is determining if interactive training and narrative tweets about experiences during clinical rotations have a positive impact on clinical empathy of our M3 students during medicine clerkship.

COMPETENCIES FOR COMMUNITY ENGAGEMENT

by Corina Norrbom, MD, MCW-CW; Amy Prunuske PhD, MCW-CW; Jacob Prunuske MD, MCW-CW; Eric Giordano PhD, Wisconsin Institute for Public Policy and Service; Haley Pysick M2, MCW-CW

This team is creating a tool to assess competency of medical students with regards to community engagement, which incorporates the character traits of trustworthiness, perspective, social intelligence, and persistence.

DIGITAL APP FOR SOCIAL DETERMINANTS OF HEALTH

by Michael Nordness, M2; Theresa Maatman, MD (PI); Nathan Fleming, MD, MPH; Audrey Burghardt, MSCP, CSW; Joanne Bernstein, MD; Bob Waite

This team is designing a phone application that can be used in the clinic to teach M1 medical students in the Clinical Apprenticeship course how to screen for and address patients' social needs. Medical students will learn how social determinants of health shape the health of patients, while also providing value to the care team.

THE ART OF OBSERVATION

by Valerie Carlberg, MD; Stephen Humphrey, MD; Alexandria Bear, MD

This team is utilizing the studio of fine art and Visual Thinking Strategies (VTS) techniques to improve medical student observation, communication, and build empathy.

TRAINING TO HEAL: TRAUMA-INFORMED CARE

by Courtney Barry, PsyD, MS; Rachel Piszczor, PsyD; Constance Gundacker, MD, MPH; Jonathan Perle, PhD; Carly Wallace, MA; Jineane Shibuya, OMS3; Maiana Feuerborn, M2

This team is incorporating evidence-based trauma informed care education into the medical school curriculum to increase awareness of ACEs and trauma-informed care for medical students, increase knowledge of ACEs and trauma-informed care for medical students and improve attitudes toward management of ACEs.

COMPETENCIES FOR TREATING VETERANS & MILITARY MEMBERS

by Michael Nagy, PharmD; Meaghan Hayes, MEd; Taylor Williams, M2; Sean Blaaser, P2; Isabelle Sviatoslavsky, P2; Megan Grochowski, P2; Kenneth Lee, MD

This team is allocating resources for pharmacy and medical students to prepare their skills in relation to the cultural awareness of and communicating with the veteran and military population in a way that increases confidence and perspective through an objective and repeatable method, in addition to subjective stories and didactic learning.

2019 *Transformational Ideas Initiative*

Program Facilitators



M. Chris Decker, MD



Ilya Avdeev, PhD



Julia Schmitt

Character Integration Coaches



Art Derse, MD, JD



Ryan Spellecy, PhD



Chris Stawski, PhD



Fabrice Jotterand, PhD

Program Coordinator



Abby Goelzer



KERN INSTITUTE
FOR THE TRANSFORMATION OF MEDICAL EDUCATION

2019-20 Grand Rounds Schedule

*The Residency Explorer:
Maximizing Goodness of Fit in Graduate Medical Education*
by Mona Signer, MPH, President & CEO,
National Resident Matching Program
Thursday, September 19, 2019 | 9:00 am in the Alumni Center

Equity in Action: When Caring Proves Challenging
Moderator: Jose Franco, MD
Panelists: Christopher Davis, MD, Aiman Ghufuran, MD,
Mary Homan, MA, MSHCE, DrPH, and David Nelson, PhD
Thursday, October 17, 2019 | 9:00 am in the Alumni Center

*In Shock: My Journey from Death to Recovery
and the Redemptive Power of Hope*
by Rana Awdish, MD, Author of *In Shock*
Thursday, November 21, 2019 | 9:00 am in Bolger Auditorium

*Medical School as a Community of Character: Five Effective Techniques in
the Formation of Compassionate & Flourishing Physicians*
by Stephen Post, PhD, Stony Brook University
Thursday, January 23, 2020 | 9:00 am

Healthcare at the Crossroads: Profession or Business?
by William Branch, Jr., MD, Emory University
Thursday, February 27, 2020 | 9:00 am

*Compassionomics: The Revolutionary Scientific Evidence
That Caring Makes a Difference*
by Stephen Trzeciak, MD, MPH, Cooper Medical School, Rowan University
Thursday, March 19, 2020 | 9:00 am

*Your Heart Is the Size of Your Fist:
A Doctor Reflects on Ten Years at a Refugee Clinic*
by Martina Scholtens MD, MPH, University of British Columbia
Thursday, April 23, 2020 | 9:00 am