Accelerating Change in Medical Education
Innovation Grant Program: Award recipients

2021

A.T. Still University School of Osteopathic Medicine in Arizona
Principal investigator: Earla White, PhD, MEd
Employing Master Adaptive Learning Methodologies Embedded in Asynchronous Health Systems Science Modules

Henry Ford Health System
Principal investigator: Denise White-Perkins, MD
Diversity, Equity, Inclusion and Justice Medical Education Faculty Learning Taskforce

Montefiore Medical Center/Albert Einstein College of Medicine
Principal investigator: Shwetha Iyer, MD
Integration of the Master Adaptive Learner Framework in Primary Care Training

Texas Tech University Health Sciences Center
Principal investigator: Sarah Kiani, MD
Applying the Master Adaptive Learner Framework via an Innovative Clinical Documentation Technology to Enhance the Clinical Reasoning of Medical Students

Ohio State University College of Medicine
Principal investigator: Xiaodong (Phoenix) Chen, PhD, MS
Accelerating Medical Students’ Health Systems Science Practice during Clerkship

Thomas Jefferson University Hospital
Principal investigator: Sonia Bharel, MD
HSS GME Champions: An Incubator Program to Integrate Health Systems Science into Graduate Medical Education
University of Arizona College of Medicine Phoenix
Principal investigator: Cheryl O’Malley, MD
Personal Best: A Program to Enhance Emotional Intelligence and Coaching Skills in Graduate Medical Education

University of Cincinnati College of Medicine
Principal investigator: Benjamin Kinnear, MD, MEd
Connecting Education to Clinical Care Using Resident-Sensitive Quality Measures

University of Houston College of Medicine
Principal investigator: Kenya Steele, MD
Training Pre-Clerkship Clinical Skills to a Highly Diverse Student Cohort: Developing Supplemental Learning Materials that Reflect Diversity of our Medical Students and Community

University of Minnesota
Principal investigator: Rachel Poeppelman, MD
Developing Automated Faculty Feedback Using Natural Language Processing to Decrease Bias in Medical Student Assessments

University of North Carolina School of Medicine
Principal investigator: Karina Whelan, MD
Reducing Primary Care Health Disparities through Medical Student Quality Improvement

Washington University School of Medicine
Principal investigator: Nichole Zehnder, MD
Coaching to Build Inclusive Community—Evaluating Outcomes of an Innovative Coaching Program for Medical Students

Zucker School of Medicine
Principal investigator: Samara Ginzburg, MD
Coaching the Master Adaptive Learner: Faculty and Learner Development

2020

Indiana University
Principal investigator: Bradley Allen, MD, PhD
Communication in Telehealth Environments (CITE): Developing a Competency Framework and Assessment Tool
University of Southern California Keck School of Medicine
Principal investigator: Ron Ben-Ari, MD
Health Justice and Systems of Care: Building Advocacy Skills for Effecting Transformative Policy and Structural Changes in Health Systems

Virginia Commonwealth University Health System
Principal investigator: Emily Rivet, MD, MBA
The Future of Patient Communication is Now: Innovative Telehealth Skills Program for Delivering Bad News

Yale University, School of Medicine
Principal investigator: Luming Li, MD
Leadership in Education, Administration, and Dissemination Simulation-based Health Systems Science Cases (LEADS-HSS)

Golisano Children's Hospital at Strong, University of Rochester School of Medicine
Principal investigator: Adam Dziorny, MD, PhD
Trainee Individualized Learning System: Driving Resident Practice Change through Automated EHR Extraction of Clinical Experiences

Kaiser Permanente Bernard J. Tyson School of Medicine
Principal investigator: Paul Chung, MD, MS
Measuring Team Effectiveness for Students Training in Health Systems Science

University of Utah
Principal investigator: Sara Lamb, MD
Better than Broccoli: Turning Health Systems Science Education into a Fun and Healthy Treat

Wayne State University School of Medicine
Principal investigator: Senthil Kumar Rajasekaran, MD
Facilitating Effective Transitions along the Medical Education Continuum: Knowledge Mining and Application from the Executive Onboarding and Talent Management Industry

American Association of Colleges of Osteopathic Medicine
Principal investigator: Alissa Craft, DO, MBA
Transforming Health Systems Science Education Through Gamified Technology
**Duke University**  
Principal investigator: Mitchell Heflin, MD  
The CO-TEACH Curriculum: Creating Opportunities for Telehealth Education, Assessment, and Care through Hotspotting

**University of Iowa Hospitals and Clinics**  
Principal investigator: Nkanyezi Ferguson, MD  
Responding to Patient-Initiated Identity-Based Harassment: An Innovative Curriculum to Empower Residents and Faculty to Address Discrimination and Harassment in Clinical Training

**Indiana University**  
Principal investigator: Daniel Corson-Knowles, MD  
Student Success Committee: A Coaching Program for the Learner in Need

2019

**Beth Israel Deaconess Medical Center, Harvard Medical School**  
Principal investigator: Kelly Graham, MD  
Transforming the Resident Continuity Clinic for the Future of Ambulatory Care: Implementing a Population Health Model in an Internal Medicine Residency Program

**Brody School of Medicine at East Carolina University**  
Principal investigator: Tim Reeder, MD, MPH  
Integrating HSS in a Clinical Learning Environment across the Educational Continuum

**Cleveland Clinic**  
Principal investigator: Matthew Faiman, MD  
Interdisciplinary Learner Education for Primary Care Using Digital Strategies

**Columbia Vagelos College of Physicians and Surgeons**  
Principal investigator: Beth Barron, MD  
Leveraging Artificial Intelligence Technology to Help Learners Direct Their Progress in an EPA-based Curriculum

**H. Lee Moffitt Cancer Center and Research Institute**  
Principal investigator: Jessica Frakes, MD  
Developing Video Content to Foster Leadership Education through Coaching
and Emotional Intelligence

Johns Hopkins School of Medicine
Principal investigator: Rachel Salas, MD
The Road to Professional Identity as a Teacher: Using Strengths Coaching to Develop Interprofessional Teachers and Build an Interprofessional Collaborative Teaching Community

Rutgers Robert Wood Johnson Medical School
Principal investigator: Carol Terregino, MD
Graduate Medical Education within the Complex Adaptive System of Medical Critical Care: The Effect of A Learning Health System Champion on the Clinical Learning Environment and Patient Care

F Edward Hebert School of Medicine Uniformed Services University
Principal investigator: Louis Pangaro, MD
Accelerating Progress toward Independence in Health Systems Science - Assessment in Clinical Rotations

Rayos Contra Cancer
Principal investigator: Benjamin Li, MD, MBA
RCC University: Training and Empowering a New Generation of Leaders in Telehealth
University of Arizona
Principal investigator: Katherine Hiller, MD, MPH
Assessor Development by Peer Referencing using the National Clinical Assessment Tool in Emergency Medicine (NCAT-EM) Research Consortium

University of Arkansas for Medical Sciences
Principal investigator: Riley Lipschitz, MD
Practical Population Health Management

University of California, Irvine
Principal investigator: Khanh-Van Le-Bucklin, MD
Expansion of the #MDsToo Student Mistreatment Prevention Curriculum: Cross-country Collaboration and Student Engagement

University of Texas Southwestern
Principal investigator: Robert Rege, MD
Keys to Successful Implementation: Integrating the Emotive Virtual Patient into UTSW’s Pre- Clerkship OSCE Curriculum

Virginia Commonwealth University
Principal investigator: Robin Hemphill, MD, MPH
Measuring the Graduate Medical Education University Learning Environment

Virginia Commonwealth University
Principal investigator: Michael Ryan, MD
Measuring Master Adaptive Learning

2018

Case Western Reserve University
Principal investigator: Mamta Singh, MD
Developing a Measure of Systems Thinking: Moving Up Miller’s Pyramid

Eastern Virginia Medical School
Principal investigator: Lauren Mazzurco, DO
Virtual Families: Providing context to health systems science integration across the clinical clerkships
Stanford University
Principal investigator: Tait Shanafelt, MD
Performance Nutrition for Residents on Nighttime Rotations: A Pilot Study

University of California, Irvine
Principal investigator: Khanh-Van Le-Bucklin, MD
#MDsToo: Effects of a Student Mistreatment Prevention Curriculum on Faculty, Residents, and the Learning Environment

University of Connecticut
Principal investigator: David Henderson, MD
Developing a Student Engagement Instrument to Support Diversity and Engagement

University of Michigan
Principal investigator: Rosalyn Maben, MD
Health Systems Science Modules: An Interprofessional Curriculum

University of Michigan
Principal investigator: Margaret Wolff, MD
Fostering Self-Directed Learners through Coaching across the Undergraduate Medical Education to Graduate Medical Education Continuum

University of Nebraska
Principal investigator: Kelly Caverzagie, MD
Keys to Implementation Success: A qualitative analysis of early implementers of Health Systems Science curriculum

University of North Dakota
Principal investigator: Jon Allen, MD
Telemedicine InterProfessional Simulation (TIPS): A Tool Kit for Adapting Existing Medical Simulations for Telemedicine and Interprofessional Teamwork

University of Pittsburgh
Principal investigator: Barbara Barnes, MD
Case-based teaching in social medicine
University of Southern California  
Principal investigator: Ron Ben-Ari, MD  
Learning to Educate Patients: An Online Digital Health Literacy Curriculum for the UME-GME-CME Continuum

University of Utah  
Principal investigator: Sara Lamb, MD  
Establishing a working model of Education System Science and designing blueprints for how the use of Education System Science can enhance learning outcomes

Virginia Commonwealth University  
Principal investigator: Stephanie Goldberg, MD  
Wellness and Academic Excellence Through University Coaching