Accelerating Change in Medical Education Innovation Grant Program: Award recipients

2022

A.T. Still University School of Osteopathic Medicine in Arizona
Principal investigator: Britani Javed, DO
Professional Development and Scholarly Activity Weeks to Enhance the Master Adaptive Learning Curriculum

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Dell Medical School at the University of Texas at Austin
Principal investigator: Nicholas Phelps, PhD
The Development of a Novel Survey Instrument to Address Health Equity Teaching Needs

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Eastern Virginia Medical School
Principal investigator: Judith Taylor-Fishwick, MSc
Cultural Humility: Providing Context and Application to the Learning Environment

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Meharry Medical College
Principal investigator: Bolanle Asiyanbola, MD
The Virtual Translational Learning and coaching [VTLC] Curriculum: Positivity Influencing Specialty Recruitment among Medical Students from Low Socioeconomic Status Households.

Michigan State University
Principal investigator: Chi Chang, PhD, MS
Using Computer Vision Techniques to Identify Medical Students' Safety Behaviors in Objective Structured Clinical Examinations

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Montefiore Medical Center
Principal investigator: Iman Hassan, MD, MS
Measuring Structural Competency in Graduate Medical Education: Development and Validation of a Structural Competency Assessment Tool

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Prisma Health–Upstate
Principal investigator: Mary Blumer, MD
Promoting Adaptive Clinician Learners Through Quality Improvement and Clinical Feedback Utilizing the Electronic Medical Record

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San Ysidro Health
Principal investigator: Jennifer Poast, DO, MA
Reducing Primary Care Health Disparities, and Promoting Diversity, Equity Inclusion, and Belonging (DEIB), through Medical Resident Training

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The Regents of the University of California, on behalf of its Riverside campus
Principal investigator: Daniel Novak, PhD
Starting Upstream: Integrating Research and Scholarship Skills with Health Systems Science Perspectives on Health Disparities to Develop Physician-Scientists through a Longitudinal UME Course

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University of Hawaii, John A. Burns School of Medicine
Principal investigator: Lee Buenconsejo-Lum, MD
Partnering with a Medicaid/Medicare Health Plan to Design and Deliver a Health Systems Science (HSS) Experiential Curriculum

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University of Rochester Medical Center
Principal investigator: Conrad Gleber, MD, MBA
Development of Digital Educational Ecosystem for Graduate Medical Education in Internal Medicine

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Virginia Commonwealth University School of Medicine
Principal investigator: Nicole Deiorio, MD
Incorporating underrepresented identity in coaching: what does culturally humble coaching look like?

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

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

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

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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

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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

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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

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

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

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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

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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

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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

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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

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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

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

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

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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

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American Association of Colleges of Osteopathic Medicine
Principal investigator: Alissa Craft, DO, MBA
Transforming Health Systems Science Education Through Gamified Technology

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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

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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

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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

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Rayos Contra Cancer
Principal investigator: Benjamin Li, MD, MBA
RCC University: Training and Empowering a New Generation of Leaders in Telehealth

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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

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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: Crosscountry Collaboration and Student Engagement

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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

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

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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

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Eastern Virginia Medical School
Principal investigator: Lauren Mazzurco, DO
Virtual Families: Providing context to health systems science integration across the clinical clerkships

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Stanford University
Principal investigator: Tait Shanafelt, MD
Performance Nutrition for Residents on Nighttime Rotations: A Pilot Study

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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

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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