



STEMMLER GRANTS

2020 Stemmler Grants Projects

Established in 1995, the Stemmler Grant Program supports the research and development of innovative assessment approaches with the potential to advance assessment in medical education. Each year, as many as three awards of up to \$150,000 each are given to research teams to support their efforts to drive innovations in the field.

Learn more about the 2020 projects.

Conceptualizing and Assessing Interdependent Performance in Collaborative Clinical Environments



Lorelai Lingard, PhD

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Stefanie Sebok-Syer, PhD

Instructor in the Department of Emergency Medicine, Stanford University School of Medicine

Project Summary

This project explores the following research question: How do physicians conceptualize interdependence and employ this conceptualization when they assess individuals in collaborative, team-based environments?

Medical Spanish Proficiency Assessment: Evaluating Physician Communication with Spanish-speaking Patients in Medical Education Settings



Pilar Ortega, MD

*Clinical Assistant
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Illinois at Chicago*



Lisa Diamond, MD, MPH

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Project Summary

The purpose of this research is to refine a newly developed medical language proficiency assessment instrument and to determine its reliability and validity in evaluating medical student communication with Spanish-speaking patients.

Are Longitudinal Assessments of Multiple Competencies During Training Associated with Physicians' Patient Care Outcomes in Practice?



Brigitte Smith, MD

*Assistant Professor of
Vascular Surgery, University
of Utah School of Medicine*

Project Summary

This study proposes to link assessments of surgeon competence during training with subsequent patient care outcomes in practice.

Automated Scenario Generation from Public Datasets for Simulation-Based Training in Surgery



Paul Joshua Chung, MD

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Donald and Barbara Zucker
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Project Summary

The objective of this project is to develop an Automated Scenario Generator (ASG) to create interactive case scenarios to both teach and assess medical students and resident physicians in General Surgery.