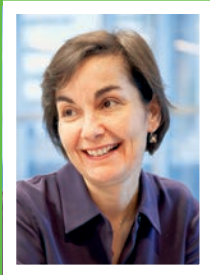
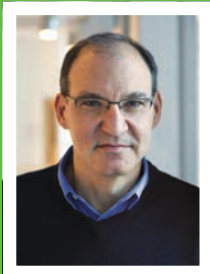


The James M. Anderson Center for Health Systems Excellence is an industry leader in improvement science methodologies and success stories. The AIM faculty includes:



**Maria Britto, MD, MPH**

*Dr. Britto is a professor of pediatrics and director of the Center for Innovation in Chronic Disease Care at Cincinnati Children's Hospital Medical Center. She has been leading and teaching improvement at Cincinnati Children's since 2001.*



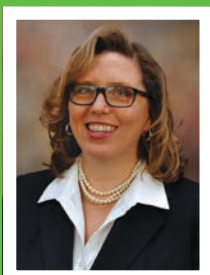
**Peter Margolis, MD, PhD**

*Dr. Margolis is co-director, James M. Anderson Center for Health Systems Excellence and Cincinnati Children's Research Foundation Professor of Pediatrics. He works with practices, communities and health care organizations to design and evaluate the impact of efforts to create better systems of health care.*



**Lloyd Provost, MS**

*Lloyd Provost is a statistician, consultant, teacher, and author who helps organizations make improvements and foster continuous learning and Improvement. Lloyd is a co-founder of Associates in Process Improvement and a senior fellow with the Institute for Healthcare Improvement in Boston.*



**Melody Siska, MBA**

*Melody Siska has trained over 1,000 professionals in quality improvement methodology across the world. She is vice president of quality improvement and advanced analytics at the James M. Anderson Center for Health Systems Excellence at Cincinnati Children's.*

# Advanced Improvement Methods (AIM)

*building capacity for real change ... join us on our journey*



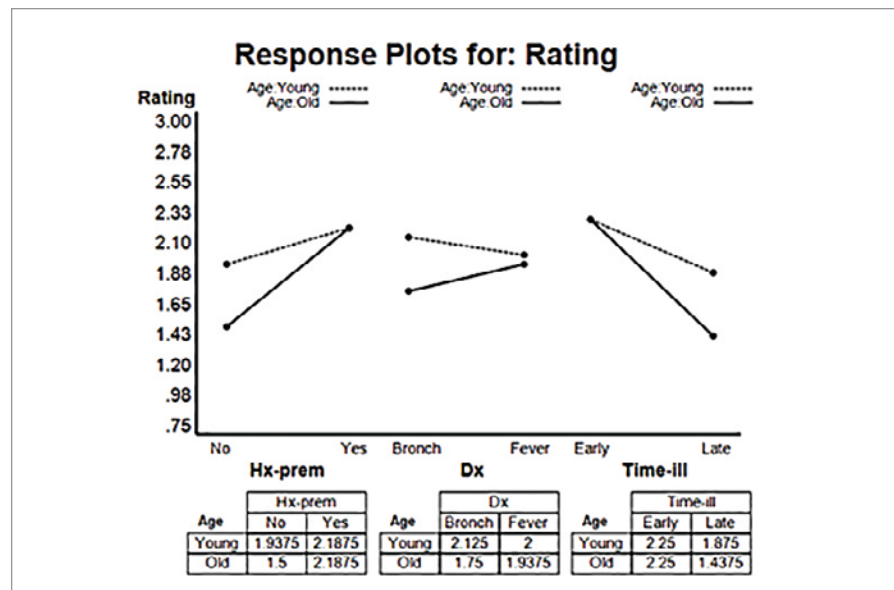
At Cincinnati Children's, the James M. Anderson Center for Health Systems Excellence is transforming the delivery of care through improvement science. Advanced Improvement Methods (AIM) takes a deep dive into experimental approaches to improvement using factorial design and advanced control charts. AIM projects can be linked to grant proposal design, the analytic study of existing data, and will provide the skills necessary to successfully design, implement and study quality improvement initiatives within a clinical setting.

**We welcome participation from leaders in other health care systems.**

### WHY JOIN US?

- Cincinnati Children's is a recognized leader in improving child health
- The Anderson Center is committed to developing the next generation of leaders who will accelerate the transformation of health
- Enhance knowledge and skills in order to apply the science of improvement to the design, implementation and study of quality improvement initiatives in clinical settings
- Apply improvement theory using experimental approaches such as factorial design to research, clinical care, and operational projects.

### EXAMPLE PROJECT AND RESULTS



### WHO

Physicians, nurses and nonclinical leaders at the director level or above who have a background in health services research, an active leadership role in quality improvement, and have a working knowledge of improvement science and/or bio-statistics or clinical epidemiology.

### WHAT

AIM helps build a broader and deeper understanding of quality improvement, biostatistics, and planned experimentation. Through brief didactic sessions, case studies and simulation exercises, participants will dive deep into quality improvement and statistics and apply their learnings to a quality improvement project within their organization.

### HOW

Expert faculty members lead the course in understanding the Model for Improvement, Shewhart's theory of variation, the theory and methods of planned experimentation, and the practice of designing, running and analyzing experiments. Instructional methodologies include lecture, large and small group discussion, simulations and project presentations.

### WHEN

AIM is conducted in four two-day workshops and five webinars held over a nine month period. Workshops will take place in Cincinnati, Ohio.

For more information about AIM and how to apply, please contact us at [aim\\_communications@cchmc.org](mailto:aim_communications@cchmc.org)

### CONTINUING EDUCATION

Cincinnati Children's Hospital Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

This activity has been approved for *AMA PRA Category 1 Credit™*.

**Participation in AIM may qualify physicians for Part 2 and Part 4 credit toward the American Board of Pediatrics' (ABP) maintenance of certification (MOC) requirements.**