Rapid Cycle Improvement Collaborative (RCIC)

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

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

**CAROLYN P. LUZADER, MS**
Carolyn Luzader is lead quality improvement consultant for education and coaching at Cincinnati Children’s and serves as collaborative director for RCIC. She is an experienced statistician, instructor, coach and facilitator in quality improvement with over 25 years of experience in healthcare, consumer goods and academia. In addition to her work at Cincinnati Children’s, she's been an adjunct professor in statistics at Xavier University since 1990.

**MELODY SISKA, MBA**
Melody Siska has trained over 1,000 professionals in quality improvement methodology across the world. She is the vice president of quality and advanced analytics at the James M. Anderson Center for Health Systems Excellence at Cincinnati Children’s.
At Cincinnati Children’s, the James M. Anderson Center for Health Systems Excellence is transforming the delivery of care through improvement science. Our Rapid Cycle Improvement Collaborative (RCIC) is designed to help teams achieve a measurable improvement in a focused, narrow-scoped project in approximately 120 days. We welcome participation from teams in other health care systems and related industries.

**WHY JOIN US?**

- Cincinnati Children’s is a recognized leader in improving child health
- Make a direct impact in areas such as safety, productivity, clinical outcomes, patient-family experience, cost/business process and community health
- Proven results – About 1,000 people have participated in RCIC since its inception in October 2010 which equates to 186 improvement projects; 100% (median) of those projects achieved at least “modest improvement” by Graduation (120 days) and 90% of participants indicate they are satisfied with the collaborative
- Publish innovative and cutting edge solutions – a recent RCIC team is the winner of the first annual Leona Cutler Quality Improvement award in Pediatric Endocrinology for their abstract entitled “Decreasing the time to insulin administration in hospitalized patients with cystic fibrosis related diabetes”

**EXAMPLE PROJECT AND RESULTS**

**WHEN BEING COOL IS NOT COOL**

**INTRODUCTION**

- Operator time windows
- Post surgical care
- Psychomotor development
- Mortality
- Morbidity

**METHOD**

- Implementation
- Shape chart
- Preoperative
- Operative
- Postoperative

**FINDINGS**

- Preoperative
- Operative
- Postoperative

**DISCUSSION**

- Preoperative
- Operative
- Postoperative

**CONCLUSION**

- Preoperative
- Operative
- Postoperative

**WHEN**

We offer four collaboratives annually; a collaborative is comprised of three full day and four half day sessions for the entire team. Team Leaders attend an additional full day orientation on leading teams, five half day coaching sessions and a full day Reconnect (three months after Graduation.)

Collaborative sessions are held at an off-site location in order to minimize distractions and foster a creative learning environment conducive to innovative and critical thinking leading to breakthrough solutions.

**WHAT**

Our methodology is based on the Model for Improvement & Deming’s System of Profound Knowledge, along with basic quality improvement tools which give teams a roadmap to follow. Team Leaders receive additional instruction on group dynamics and leading teams.

**HOW**

RCIC is built on the “Teach-Do” model. Sessions are highly interactive and include instruction, feedback from senior leadership (clinical and non-clinical), coaching, application examples and time allocated to work on their team projects with additional quality improvement resources during sessions. Teams meet outside the collaborative to continue the work they’ve started in the session; Team Leaders receive additional instruction and coaching in smaller group sessions as well as complete a personal project in addition to the team project.

For more information about RCIC and how to apply, please contact us at rcic_communications@cchmc.org