

Faculty Development Course in Quality Improvement

To meet the needs of faculty for quality improvement (QI) training that can fit their schedules, the course Faculty Development in Quality Improvement focuses on the practical QI skills needed to accomplish a project. Faculty participants must have a project and recruit a team that includes at least one trainee (we can assist with recruitment) and at least one non-physician health professional. The course consists of a series of evening workshops over 6 months amounting to 12-14 hours of class time. Each project is assigned a coach, and meetings with the coach are expected outside of the workshops. The final product will be a poster presentation of the QI project due at the last class meeting. This course is open to medical and nursing faculty members and is co-taught by QI experts from the SOM and SON faculty. Faculty participants will also benefit from earning **Continuing Medical Education (CME)** credits for the workshops and completed projects, the potential for the project to count toward **Maintenance of Certification (MOC)** for physician specialty boards. This course may also meet the needs of QI education for involved residents and fellows.

Specific topics covered in the course include:

- Improvement methodologies
- Defining the project and mapping a problematic process
- Understanding quality measurement and problem analysis
- Setting an appropriate aim
- Implementing changes using the Plan-Do-Study-Act cycle
- Human factors engineering
- Reliability in health care
- Sustainment and spread of process changes
- Teaching QI topics

The course is offered yearly starting in the fall. A reminder and deadline for application will be advertised in the summer. Those interested may contact Shirley L. Miller at smill25@emory.edu.