

## AAMC's Certificate in Teaching Quality Improvement and Patient Safety

### **Program Goal**

To equip clinical faculty to lead, design and evaluate effective learning in Quality Improvement/Patient Safety (QI/PS) across the continuum of health professional education.

### **Background**

The goal of AAMC's 'Teaching for Quality' (Te4Q) initiative is to ensure that every medical school and teaching hospital in the U.S. has access to faculty who are ready, able and willing to engage in and lead education in quality improvement, patient safety, and the reduction of excess healthcare costs. To achieve this goal, the Te4Q report urges *medical schools and teaching hospitals to expect all clinical faculty to be proficient in QI/PS competencies; and to identify, develop and support a critical mass of faculty as expert educators to create, implement and evaluate training and education in QI/PS for students, residents and colleagues.*

*AAMC Teaching for Quality Report of an Expert Panel  
January 2014 [www.aamc.org/te4q](http://www.aamc.org/te4q)*

### **Program Objectives**

By completing the certificate program, QI/PS-savvy faculty will be able to:

1. Address an identified gap in the education of students, residents, and/or practicing clinicians regarding quality improvement and patient safety
2. Design an educational innovation to fill that gap
3. Implement and assess the impact of the innovation

### **Certificate Requirements**

In order to earn the Certificate in Teaching Quality Improvement & Patient Safety, participants must complete:

- 1) Program application, pre-reading and self-assessment
- 2) One and a half day on-site workshop
- 3) Presentation of the participant's educational project for review by Te4Q faculty
- 4) Dissemination and implementation of the educational project

### ***Pre-Requisites:***

- 1) Participants must have some formal training in QI/PS or have experience in implementing QI/PS processes and techniques in practice.
- 2) Be prepared to develop one (or more) educational project ideas for development. Idea(s) should be designed to enhance knowledge and skills in QI/PS for your learners in one or more of the educational and practice continuum areas (UME, GME, CME, staff and faculty development and/or interprofessional education) and align with the institution's quality improvement priorities.

### ***Pre-Work***

- 1) Complete and submit Participant Program Application
- 2) Review core reading materials and any assigned learning exercises
- 3) Complete and submit Self-Assessment of QI/PS Proficiency & Teaching Skills

### ***Workshop Curriculum***

#### **Session 1/2: Overview of Adult Learning Principles**

- Identify level of learners and learner competence
- State a clear educational goal
- Develop SMART learning objectives (Specific, Measurable, Achievable, Realistic, and Timely)
- Design effective educational formats

#### **Session 3: Effective Teaching of QI and Patient Safety**

- Engage learners in QI activity
- Create team training opportunities
- Provide examples across the continuum
- Customized to site needs

#### **Session 4/5: Assessing Impact**

- Learner Assessment**
- Develop techniques for assessing learners in various learning formats
- Use Kirkpatrick levels of evaluation
- Program Evaluation**
- Develop effective overall program evaluation

#### **Session 6: Making the Case and Leading Change**

- Create a strategy for creating change necessary for implementation of learning initiative
- Develop an implementation plan including timeline and needed resources
- Identify and develop a plan for overcoming barriers

#### **Session 7: Implementation and Dissemination**

- Develop an implementation strategy and plan for dissemination of results

## **Session 8: Presentation of Educational Projects (Post Workshop via webinar)**

Participants will present their projects to faculty and peers for feedback.

### ***Workshop Faculty***

Workshops are conducted by nationally known experts in medical education and clinical quality improvement.

### ***Program Logistics & Expectations***

The host site is responsible for providing adequate space and logistical support for the 1.5 day workshop. In addition to a dedicated logistics staff for meeting planning and support, there must also be a faculty-level course director; and appropriate communication with institutional clinical and academic leadership as well as coordination with internal offices such as CME and/or Faculty Development. (See Host Site Guide for additional detail)

*NOTE: Both Academic and Clinical leadership must be engaged in the program. To ensure success of the program, Te4Q participants' educational projects and their learners must be supported by the institution(s).*

### ***Program Cost***

Te4Q sites are asked to bear direct expenses related to consultation, project development, and continuing AAMC support, along with travel and accommodation of two AAMC faculty for the onsite workshop.

### ***Contact***

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