



The Excellence in Quality Improvement Certificate Program (EQUIP) 2021-2022

C-QuIPS

Centre for Quality Improvement and Patient Safety

Overview of EQUIP

Knowledge of basic principles of quality improvement does not necessarily lead to successful local projects, implementation beyond the local environment, or academic productivity. In reality, many improvement teams rush to a solution without understanding the full range of causes of the target problem. Even well thought-out projects run into serious implementation issues.

The EQUIP program's enriched content and deeper dive into QI methodologies should make projects more likely to succeed, and will prepare participants to maximize their project's impact and receive academic recognition for their work. The ultimate goal of the EQUIP program is to train current and future QI faculty members to help academic departments and universities address the pressing need to develop capacity in QI.

Key Dates



July 7-9, 2021

Three-day virtual session



September 2021 - April 2022

- Seven monthly webinars
- Project coaching



May 9-11, 2022

Three-day virtual session

Who Should Participate in EQUIP?

- Academic faculty seeking to more meaningfully integrate QI into their clinical work or scholarly activities
- Faculty who have a role in operational QI work for their department or hospital and would like to develop advanced skills to increase their likelihood of success
- Senior trainees wanting to make QI an academic career focus

Course Application and Fees

Step One

Registrants must submit an application form consisting of:

- Applicant information.
- An abbreviated CV, 5 pages maximum.
- A personal statement, including examples of prior experiences with QI if available, and a description of how QI training will prepare applicant for future academic career, 500 words maximum.
- A letter of support from a department head or chief (or program director for trainees) on official letterhead with their contact information, confirming that the applicant works or trains in an academic institution where they will carry out a QI project as part of this course.
 - For faculty, the letter should confirm that the applicant has an active academic appointment or defined organizational role in QI.
 - For trainees, the letter should confirm that the applicant is on a clear track towards an academic appointment with a focus in QI.

Please email the complete application to: education@cquips.ca

Application deadline: Rolling deadline with applications accepted and reviewed between February-June 2021

Step Two

We will notify all applicants by June 2021.

A link will be issued at that time to complete registration and payment.

Course Fee

\$6500.00 CAD

For more information on EQUIP, visit
cpd.utoronto.ca/equip

Key Features of the EQUIP Program

1

Deeper Dive Into QI

The EQUIP program's enriched content goes beyond a superficial introduction to QI principles. It takes a deeper dive into QI methodologies and will maximize participants' project impact and make it significantly more likely to succeed (see attached preliminary agenda).

2

Expert faculty who are clinicians with real-world QI expertise

- The multidisciplinary EQUIP faculty members have a track record of successfully executing QI projects in academic settings. Their project work produced publications in high-impact journals such as JAMA Internal Medicine, Academic Medicine, and BMJ Quality & Safety.
- Core faculty members have made significant contributions to local, national and international educational programs in QI and Patient Safety through collaboration with organizations such as the Royal College of Physicians and Surgeons of Canada and the Association of American Medical Colleges.

3

Dedicated project mentor to provide tailored advice on your QI projects

- Each participant is assigned an EQUIP faculty mentor with a wealth of experience executing successful QI projects in academic settings. They provide one-on-one coaching and support for projects over the course of the program.
- The impact of interactive small group learning is maximized with a low faculty-to-participant ratio (1:3). This allows for personalized feedback to participants' QI projects.

4

Emphasis on academic skill development

EQUIP's enriched content and deeper dive into QI methodologies will not only make your projects more likely to succeed, but also foster:

- Scholarly writing for optimal dissemination of QI innovations;
- Teaching QI including curriculum design and project supervision;
- Advanced quantitative and qualitative evaluation methods;
- Preparing a portfolio for academic promotion on the basis of QI

5

Graduates receive an academic certificate in QI

Upon successful completion of EQUIP, participants are granted an academic certificate in quality improvement from the University of Toronto.

“The course content is extremely high yield and practical. You meet national and international colleagues who you can learn from and become future collaborators. The faculty are world renowned and the course gives you a network base of QI leaders. I have maintained connections with many of the certificate's faculty which has yielded wonderful opportunities like teaching as guest faculty at EQUIP myself. **It is the most worthwhile continuing education I have done that has had a measurable and lasting impact on my career.**”

– Dr. Samara Zavalkoff, 2018 EQUIP graduate, Medical Director of Quality and Safety, PICU, Montreal Children's Hospital

Preliminary Agenda – July 2021

	Wednesday, July 7	Thursday, July 8	Friday, July 9
Morning	<p>Introduction to course</p> <p>Icebreaker and participant introductions</p> <p>Common QI Pitfalls: Why many projects fail and what you can do about it</p> <p>Strategic selection of QI projects to maximize likelihood of impact and success</p>	<p>Diagnostic tools for characterizing target quality problems</p> <p>Common QI interventions along the Hierarchy of Effectiveness</p>	<p>Beyond the Model for Improvement: Authentic use of PDSA to refine your QI Intervention</p> <p>Anticipating problems and overcoming challenges to maximize return on your PDSA cycles</p>
Afternoon	<p>The power of small samples</p> <p>Creating a robust measurement plan for your QI Work</p>	<p>User-centered design and the role of human factors in QI</p> <p>Evaluating your QI impact: Statistical process control</p>	<p>Applying ethical principles to your improvement work</p> <p>Incorporating an equity lens to your QI work</p> <p>Leading change through meaningful stakeholder engagement</p>

September 2021 – April 2022



Project Work

Participants carry out their QI project work at their local institutions.



Monthly Teleconferences

Seven monthly webinars cover additional course content (e.g., qualitative methods, academic writing, teaching QI) and provide participants the opportunity to get direct feedback from peers and faculty coaches on their QI projects. Each webinar group consists of 4-5 participants and 2 faculty coaches.



Coaching

Participants will be assigned an EQUIP coach. Through the use of cloud-based technology, coaches will monitor QI project progress and provide feedback and on-going support.

Preliminary Agenda – May 2022

	Monday, May 9	Tuesday, May 10	Wednesday, May 11
Morning	<p>Project Presentations</p>	<p>Building your academic focus</p>	<p>How to supervise QI Projects</p> <p>Advanced qualitative methods in QI</p>
Afternoon	<p>Developing a business case for your QI work</p> <p>Emerging topic in QI #1</p>	<p>Advanced Quantitative Evaluative Design</p> <p>Emerging Topic in QI #2</p>	<p>Effective writing strategies to publish your QI work</p>

Contact Us

Lisha Lo Research and Education Coordinator | education@cquips.ca | 416 813 7654 x228513 | @cquips | www.cquips.ca

The Excellence in Quality Improvement Academic Certificate Program (EQUIP)

Application Form for 2021-2022

1. Applicant Information	
Name:	
Institution:	Program / Department / Division:
Academic Rank / Level of Training:	Job Title:
Mailing Address:	Email: Phone:

2. Personal Statement
<p>Address the following in 500 words or less in the space provided below.</p> <ul style="list-style-type: none"> • What prior experiences have you had with quality improvement? • What aspect(s) of quality improvement do you hope to focus on in your future career? • How do you see QI fitting into your future academic plans?

3. Abbreviated CV

Please attach your abbreviated CV, maximum 5 pages, to this application.

4. Letter of Support

Please include a letter of support from a department head or chief (or program director for trainees) on official letterhead with their contact information, confirming that you work or train in an academic institution where you will carry out a QI project as part of this course.

- For **faculty**, the letter should confirm that you have an active academic appointment or defined organizational role in QI.
- For **trainees**, the letter should confirm that you are on a clear track towards an academic appointment with a focus in QI.

Your sponsor has the option to submit the letter directly to Ms. Lisha Lo (education@cquips.ca).

Sponsor name:

Title:

Program/Department/Division:

Email:

Phone:

A completed application consists of:

- 1) Applicant Information
- 2) Personal Statement (*500 words*)
- 3) Abbreviated CV (*5 pages max*)
- 4) Letter of Support (*to be completed by your sponsor*)

Submission deadline for application: Rolling deadline with applications accepted and reviewed between February-June 2021.

Confirmation of receipt of application: Once your completed application has been received, you will be sent an emailed confirmation within 24 hours. If you do not receive this confirmation email, please contact Ms. Lisha Lo to ensure your completed application has been received.

Direct completed application to:

Email: education@cquips.ca
Phone: 416-813-7654 x228513