Application Requirements: 2021-2022 UW Medicine QI Scholars

Applications for the 2021-2022 UW Medicine QI Scholars Program open July 2021 and close Friday, August 6, 2021.

Applicants are strongly encouraged to work with their Department Head/Division Chief, mentors, and Quality/Safety leaders at their hospital for input on their proposed QI project. Dr. Rutman is also available for consultation with interested applicants (email lori.rutman@seattlechildrens.org). All applicants must apply online via the online link. We will not accept applications received via email. The application requirements are described below.

Preference is given to applicants who are junior to mid-level faculty in the UW Medicine system with an established interest in quality improvement. Strong applicants will have a QI project that is aligned with UW Medicine priorities which is planned or already implemented prior to the program start date of October 2021.

UW Medicine Priority Areas:

- Improving patient care outcomes
- Increasing patient care efficiency
- Enhancing patient and family experience of care
- Promoting communication with patients and families or between clinicians
- Strengthening equity, diversity, and inclusion
- Supporting the care delivery process
- Innovations in care delivery using AI or robotic process automation

1. Application cover page should include:
   - Project Title
   - Applicant Name
   - Applicant’s academic rank and track
   - Department and Division in which the applicant is a member
   - Name of the applicant’s Department Head/Division Chief

2. Description of QI research project (2 pages maximum excluding references, Arial 11-point, single-spaced, ½ inch margins – proposals not adhering to these instructions will not be reviewed). Please clearly indicate the stage of the project (planned, implemented/underway, completed).

   Please include the following sections in your project proposal:

   - **Brief background/significance**: Why is improvement needed in your area of focus? What is the rationale for your intervention? Cite supporting literature – or lack of previous studies in this area of care.

   - **Objective/Aim**: What are you trying to accomplish with your QI project?

   - **Alignment with hospital priorities**: Describe how this project aligns with quality improvement goals of the hospital at which this project is taking place.

   - **Research question(s) applicant would like to answer**: Limit to three key questions. State a hypothesis for each research question.
• **Time frame:** What is the study time-period of interest? Consider a pre-intervention baseline period and post-intervention period.

• **Measures of interest:** List of potential process, outcome and balancing measures relevant to the aim and research questions.

• **Potential data sources:** Describe data sources for the proposed project – indicate ease of access to these data (i.e., electronic health record, chart review, manual data collection).

• **Ideas for study design:** Applicants may propose a **draft idea** for the study design, however, this is not required. The assumption is that the final design will be determined during work sessions with the applicant’s assigned mentorship team and the data and analytics team.
during the first 2 months of program participation.

- **Proposed Timeline for Project**: QI Scholars projects must be completed over a 12-month period. This time-frame should include write-up of the study results and submission for publication. Provide a proposed timeline for the project that fits within these parameters.

- **Ethical considerations/IRB**: The applicant should state their plans for IRB application submission, i.e., will they apply for exemption, expedited review, or full review.

  If an IRB application has already been submitted – the applicant should state this and indicate where in the IRB process the application is, i.e., under review, approved, etc.

3. **Letter from Department Head/Division Chief** including commitment of 10% FTE (total) protected time.

4. **Current CV**

5. **A half page personal statement** indicating how the applicant believes that participating in the program will advance their career.