

**Improvement Scholars Program**

The goal of the Improvement Scholars Program is to develop faculty to lead robust clinical improvement and ultimately mentor others to improve care and outcomes.

The Improvement Scholars Program is an experiential program that incorporates the following:

* Lean and Institute for Healthcare Improvement (IHI) Quality Improvement
* Teamwork (TeamSTEPPSTM)
* Partnering with Patients and Families
* Project Management
* High- and Low-Fidelity Simulation
* Statistical Process Control
* Presenting and Publishing Improvement Results

IHQI provides training, mentorship, and guidance as well as half-time support of an improvement project manager from September 2017 through August 2018. Improvement Scholars and project managers meet with IHQI Program Team members monthly except for the three months when all Improvement Scholar project teams meet together.

The purpose of the individual and All Scholars meetings is to assess progress, discuss challenges, plan PDSA cycles, and celebrate successes. IHQI coaches teams to apply improvement methods, teamwork, simulation (where appropriate), and project management. Teams learn to partner with patients and families to drive improvement and to report and communicate results.

Over the course of the year, Improvement Scholars gain experience:

* Designing, planning, and implementing clinical improvement
* Running Plan-Do-Study-Act cycles
* Building and leading an improvement project team
* Submitting an application to the Institutional Review Board
* Communicating progress and results of improvement
* Preparing for sustainment

**2017-2018 Improvement Scholars Project Teams**

|  |  |  |
| --- | --- | --- |
| Project | Lead | Improvement Project Manager |
| COPD Disease Management and Diagnostic Spirometry | Amy ShaheenShane Hemphill | Candice Hunt |
| Post-Operative VTE Reduction | Carlton MooreJamie Chang | May-Britt Sten |
| LGBTQ Patient Care | Emily Vander SchaafTyler McKinnish | Candice Hunt |
| Reducing Readmissions for Geriatric Patients | Maureen Dale | Sabrina Vereen |
| Pediatric Hospital Discharge | Katie Westreich | May-Britt Sten |
| Reducing Readmissions for Heart Failure Patients | Escher Howard-WilliamsKamal Henderson | Sabrina Vereen |

**Improvement Scholars Project Milestones**

|  |  |  |
| --- | --- | --- |
| Sep | Oct | Nov |
| * Project Charter
* Key Driver Diagram
* Project Team Identified
* Project Kickoff
* Project Timeline (Gantt chart)
* Project Sponsor Engaged
* IRB Approval or Exemption
 | * Patient & Family Advisor Identified
* Stakeholder Analysis
* Communication Plan
* Measurement Plan Refined
* Data Collection Initiated
* Process Map
* PDSA Cycles Underway
 | * Run and/or Control Charts Created
* SQUIRE Guidelines Reviewed
 |
| Dec | Jan | Feb |
| * Sustainment Planning Initiated
* Update Project Sponsor
 | * MOC Approval
* Publication & Presentation Plan Initiated
 |  |
| Mar | Apr | May |
| * Spread Planning Initiated
* Update Project Sponsor
 |  |  |
| Jun | Jul | Aug |
| Update Project Sponsor |  | Toolkit/Change Package v1.0 Complete |
| Sep | Oct | Nov |
| Symposium (TBD) |  |  |

**IHQI Improvement Scholars Program Team**

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| Name | IHQI Role | Improvement Scholars Project Coach |
| Tina Willis | Director | VTE, Pediatric Discharge, Care Transitions |
| Shana Ratner | Associate Director | LGBT Patient Care, Geriatrics Transitions, COPD |
| Amy Shaheen | Associate Director | COPD |
| Jennifer Elston-Lafata | Associate Director | All Projects |
| Laura Brown | Executive Director | All Projects |
| Jake Reardon | Program Coordinator | All Projects |