**UNC Institute for Healthcare Quality Improvement**

**Improvement Scholars Projects**

| **Focus** | **Project Lead** | **Setting** |
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| COPD Disease Management and Diagnostic Spirometry **(FY 18)** | **Amy Shaheen**, MD  General Internal Medicine  **Shane Hemphill**, MD  Rex Primary Care | UNC Physicians Network & UNC Faculty Physicians Practices |
| Post-Operative Venous Thromboembolism (VTE) Reduction **(FY 18)** | **Jamison Chang**, MD, MS  Hospitalist Division  **Carlton Moore**, MD, MS  Hospitalist Division | UNC Hospitals |
| LGBT Patient Care **(FY 18)** | **Emily Vander Schaaf**, MD, MPH  Pediatrics  **Tyler McKinnish, MS4** | UNC Children’s Primary Care Clinic |
| Reducing Readmissions for Geriatric Patients **(FY 18)** | **Maureen Dale**, MD  Geriatrics Division | UNC Hospitals-Hillsborough Campus |
| Pediatric Discharge **(FY 18)** | **Katie Westreich**, MD  Pediatric Nephrology | UNC Children’s Hospital |
| Reducing Readmissions | **Escher Howard-Williams, MD**  Hospitalist Division  **Kamal Henderson, MD**  Preventive Medicine Fellow  Cardiology Division | UNC Hospitals |
| Decrease metabolic side effects of second-generation antipsychotics **(FY 17)** | **Takahiro Soda**, MD PhD  3rd-Year Medical Resident  Psychiatry | Psychiatry Acute Diagnostic and Treatment Clinic |
| Decrease risk of falls and fall-related injuries among older adult patients **(FY 17)** | **Vicki Mercer**, PT PhD  Physical Therapy | Family Medicine Center and UNC Physical Therapy |
| Increase screening and interventions for unhealthy alcohol use **(FY 17)** | **Dan Jonas**, MD MPH  General Internal Medicine | General Internal Medicine Clinic & other UNC outpatient clinics |
| Improve patient sleep and decrease noise  **(FY 17)** | **Christine Hedges**, PhD RN  Nursing Quality & Research  UNC Hospitals | Medical Center |
| Transition cystic fibrosis patients 21 and older to adult care **(FY 17)** | **Jennifer Goralski** MD  Pulmonary/Critical Care Medicine  Pediatric Pulmonology | Cystic Fibrosis Care Center |
| Decrease frequency and severity of preventable clinical adverse events related to trauma resuscitation **(FY 17)** | **Daryhl Johnson** MD FACS  UNC Trauma Program  Acute Care Surgery | Emergency Department |
| Perioperative blood management  **(FY 16)** | **Greg Balfanz**, MD  Anesthesiology | Perioperative Care |
| Reduce peripartum hemorrhage  **(FY 16)** | **Tom Ivester**, MD MPH  Maternal Fetal Medicine | Labor and Delivery |
| Improve central line insertion **(FY 16)** | **Joanna Grudziak**, MD  4th-year Medical Resident  Surgery | Medical Center |
| Implement daily goals process in ICU  **(FY 16)** | **Casey Olm-Shipman**, MD  Neurocritical Care | Neurosciences ICU and Cardiac ICU |
| Increase lung cancer screening **(FY 16)** | **Dan Reuland**, MD  General Internal Medicine | Internal Medicine Clinic |
| Screen and treat patients with depression in primary care **(FY 16)** | **Sarah Smithson**, MD MPH  General Internal Medicine | Knightdale Family Practice and Primary Care Improvement Collaborative |
| Improve patient experience and flow for Spanish-speaking families in UNC Children’s Specialty Clinics **(FY 16)** | **Kori Flower**, MD MS MPH  General Pediatrics | Children’s Specialty Clinics |
| Increase palliative care for patients with advanced cancer **(FY 16)** | **Laura Hanson,** MD MPH  Geriatric Medicine | Medical Center |
| Children’s Hospital Discharge **(FY15)** | **Kathleen Bradford**, MD  General Pediatrics | Children’s Hospital |
| Enhanced recovery after surgery  **(FY 15)** | **Lavinia Kolarczyk**, MD  Anesthesiology  **H.J. Kim**, MD  Surgical Oncology  **Rob Isaak**, DO  Anesthesiology | Perioperative Care |
| Improve lung protective ventilation  **(FY 15)** | **Tom Bice**, MD MSc  Critical Care Medicine | Medicine ICU and Neuroscience ICU |
| Improve preventive services outreach in primary care **(FY 15)** | **Shana Ratner**, MD  General Internal Medicine | Primary Care Improvement Collaborative |
| Improve coordination between specialists and primary care providers of cancer survivors **(FY 15)** | **Deborah Mayer**, PhD RN  Lineberger Cancer Center | Cancer Hospital |
| Decrease unplanned hospital admissions for cancer patients **(FY 15)** | **Bhisham Chera**, MD  Radiation Oncology | Cancer Hospital |