**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**, MDGeneral Internal Medicine**Shane Hemphill**, MDRex Primary Care | UNC Physicians Network & UNC Faculty Physicians Practices |
| Post-Operative Venous Thromboembolism (VTE) Reduction **(FY 18)** | **Jamison Chang**, MD, MSHospitalist Division**Carlton Moore**, MD, MSHospitalist Division | UNC Hospitals |
| LGBT Patient Care **(FY 18)** | **Emily Vander Schaaf**, MD, MPHPediatrics**Tyler McKinnish, MS4** | UNC Children’s Primary Care Clinic |
| Reducing Readmissions for Geriatric Patients **(FY 18)** | **Maureen Dale**, MDGeriatrics Division | UNC Hospitals-Hillsborough Campus |
| Pediatric Discharge **(FY 18)** | **Katie Westreich**, MDPediatric Nephrology | UNC Children’s Hospital |
| Reducing Readmissions | **Escher Howard-Williams, MD**Hospitalist Division**Kamal Henderson, MD**Preventive Medicine FellowCardiology Division | UNC Hospitals |
| Decrease metabolic side effects of second-generation antipsychotics **(FY 17)** | **Takahiro Soda**, MD PhD3rd-Year Medical ResidentPsychiatry | Psychiatry Acute Diagnostic and Treatment Clinic |
| Decrease risk of falls and fall-related injuries among older adult patients **(FY 17)** | **Vicki Mercer**, PT PhDPhysical Therapy | Family Medicine Center and UNC Physical Therapy |
| Increase screening and interventions for unhealthy alcohol use **(FY 17)** | **Dan Jonas**, MD MPHGeneral Internal Medicine | General Internal Medicine Clinic & other UNC outpatient clinics |
| Improve patient sleep and decrease noise**(FY 17)** | **Christine Hedges**, PhD RNNursing Quality & ResearchUNC Hospitals | Medical Center |
| Transition cystic fibrosis patients 21 and older to adult care **(FY 17)** | **Jennifer Goralski** MDPulmonary/Critical Care MedicinePediatric Pulmonology | Cystic Fibrosis Care Center |
| Decrease frequency and severity of preventable clinical adverse events related to trauma resuscitation **(FY 17)** | **Daryhl Johnson** MD FACSUNC Trauma ProgramAcute Care Surgery | Emergency Department |
| Perioperative blood management**(FY 16)** | **Greg Balfanz**, MDAnesthesiology | Perioperative Care |
| Reduce peripartum hemorrhage**(FY 16)** | **Tom Ivester**, MD MPHMaternal Fetal Medicine | Labor and Delivery |
| Improve central line insertion **(FY 16)** | **Joanna Grudziak**, MD4th-year Medical ResidentSurgery | Medical Center |
| Implement daily goals process in ICU**(FY 16)** | **Casey Olm-Shipman**, MDNeurocritical Care | Neurosciences ICU and Cardiac ICU |
| Increase lung cancer screening **(FY 16)** | **Dan Reuland**, MDGeneral Internal Medicine | Internal Medicine Clinic |
| Screen and treat patients with depression in primary care **(FY 16)** | **Sarah Smithson**, MD MPHGeneral 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 MPHGeneral Pediatrics | Children’s Specialty Clinics |
| Increase palliative care for patients with advanced cancer **(FY 16)** | **Laura Hanson,** MD MPHGeriatric Medicine | Medical Center |
| Children’s Hospital Discharge **(FY15)** | **Kathleen Bradford**, MDGeneral Pediatrics | Children’s Hospital |
| Enhanced recovery after surgery  **(FY 15)** | **Lavinia Kolarczyk**, MDAnesthesiology**H.J. Kim**, MDSurgical Oncology**Rob Isaak**, DOAnesthesiology | Perioperative Care |
| Improve lung protective ventilation**(FY 15)** | **Tom Bice**, MD MScCritical Care Medicine | Medicine ICU and Neuroscience ICU |
| Improve preventive services outreach in primary care **(FY 15)** | **Shana Ratner**, MDGeneral Internal Medicine | Primary Care Improvement Collaborative |
| Improve coordination between specialists and primary care providers of cancer survivors **(FY 15)** | **Deborah Mayer**, PhD RNLineberger Cancer Center | Cancer Hospital |
| Decrease unplanned hospital admissions for cancer patients **(FY 15)** | **Bhisham Chera**, MDRadiation Oncology | Cancer Hospital |