Obeid Shafi

Clinical Informatics Fellow

e-Portfolio, June 2022

Operational

- **Management:**
  - PPMD-Prometheus-ACH integration (ongoing):
    - Co-ordinating integration for data transfer using FHIR to an international registry for patients with muscular dystrophy

- **Operations:**
  - ENT department consult (complete):
    - Comprehensive multi-disciplinary assessment of outpatient clinic workflows followed by recommendations for improving efficiency
  - Complex care consult (ongoing)
  - Tele-health (ongoing):
    - Tele-NICU project for virtual consults from nursery alliance partners
  - BPA/Order set review process (ongoing): in conjunction with CDS workgroup
  - Well-Child visit EHR optimization for Family Medicine (ongoing)
  - Health IT Safety (to be initiated)

- **Data Request Consults (ongoing):**
  Meeting with PIs and discussing in-depth review of available data (e.g., for different sets of diagnosis codes or ages), data quality concerns, optimizing then submitting data request
  - EEG and MRI data for ML to identify seizures
  - Study for improving COVID vaccine uptake
  - HUS study

- **Data Science:**
  - UTI predictive model (ongoing):
    - Using machine learning to predict febrile infants with UTI

Quality Improvement

- **QI projects initiated during academic year**
    - EHR Optimization to improve physician efficiency as part of CI consult service

Educational

- **DBMI Courses completed:**
    - Information Modelling--From Data to Knowledge
    - Clinical Decision Support
    - Biomedical Informatics Research and Application Seminar

Research

- **Capstone Project:**
    - Presented proposal at ACH Fellow's Day
- **Conferences:**
    - AMIA CIC
- **Publications:**
    - HL7 PCHIT FP white paper (ongoing)

Others:

- Participated in the development of HL7 pediatric EHR standards
- Involved in developing pediatric EHR certification testing criteria in the inpatient setting with the Drummond group
- AMIA Monthly ITE Questions