

Assessment of Mobile Applications for Improving Healthcare Worker Compliance with Proper Respirator Use - FY15 (93902XP)

Objective

To improve PPE compliance through the use of mobile phone applications



Applicable Standards

CDC

Key Partners

- Challenge.gov
- CDC Informatics Research and Development (R & D)
- Contractor

Stakeholders

- PPE Manufacturers
- Employers across all sectors
- General Public
- Government

Project Scope

FY15: Finalize Draft and Submit to LT

FY15: LT Approval of Strategy

FY15: Complete Brainstorm Session

FY16: NPPTL Wide presentation and progress update

FY16: Initiation development of production apps

FY15 milestones

Q1: Finalize Mobile App Whitepaper

Q2: Complete preliminary assessment of healthcare apps and Submit to LT

Q3: MYR – LT approval of strategy

Q4: Complete HCW Stakeholder discussion and purchase of hardware

Outputs

- Manuscripts in peer-reviewed journal
- Developed apps downloadable from Amazon, Google Play and Apple iTunes

Outcomes

- Healthcare workers use developed mobile app to improve compliance
- Health and safety and infection control professionals use apps to improve compliance among the staff they support
- Other researchers use project outputs to develop improved compliance improve strategies
- Other app developers use project outputs to develop their own apps

Updated: 20 Feb 2015