Welcome to the CPHIT Newsletter

The Johns Hopkins Center for Health Information Technology (CPHIT) is a research institute that promotes digital health innovation, electronic health record health, information exchange, and health data science to improve health outcomes and patient care.

We are pleased to welcome you to this launch format for our Center newsletter. We expect to publish this issue at least quarterly. If you have questions about any of the stories or a particular aspect, we would love to hear your ideas in any of the project activities described below. Please do not hesitate to contact us: Emily@Johns Hopkins.edu

COVID-19 Work at CPHIT

A Population Health Improvement Framework for Managing COVID-19

CPHIT has recently posted a working paper titled “Using a Systematic Review to Guide Population Health Improvement Strategies in the COVID-19 Pandemic.” A paper from the project was recently presented at the National Academy of Medicine’s COVID-19 Summit: Accelerating Priorities and Strategies. The paper can be downloaded here.

Congratulations to Dr. Hadis Khorasani!

Dr. Khorasani has received a National Institute on Aging (NIA) Health Disparities Research Training Program (HART) Award. HART supports the development of a new cadre of emerging and established leaders in the field of quantitative health informatics, with the ultimate goal of addressing disparities in health and health care.

Using Big Data to Calculate the Optimal Thresholds: Predictive Risk Evaluation to Combat Opioid Overdose Across a State-Wide

CPHIT formed a unique partnership between the Maryland Department of Health and the Maryland Injury Prevention Center (MIPC) in 2019. The new partnership is demonstrating the potential for crowd-sourced integration of claims and EHR data to calculate and refine overdose risk thresholds. A paper from the project was recently published in JMI, as well as a poster at the Joint Meeting on Multi-Disciplinary Prevention Strategies (JMPM) at the annual meeting of the American Society of Addiction Medicine (ASAM). An abstract from the project was recently published in the Joint Meeting on Multi-Disciplinary Prevention Strategies (JMPM) at the annual meeting of the American Society of Addiction Medicine (ASAM)

Social Determinants of Health (SDOH)

Social determinants of health have an increasingly recognized important impact on people’s health outcomes. CPHIT has committed to expanding research and initiatives in SDOH. A team of experts has developed a conceptual framework and roadmap for advancing the evidence on SDOH. The team recently published a paper in JMI entitled: "Integrating Social and Behavioral Factors into Electronic Health Care Applications: A Conceptual Framework and Roadmap for Advancing the Evidence on Social Determinants of Health". A slide from the paper can be viewed here.

Recent Publications from CPHIT Faculty

- True Remove and True Add: A Letter from the Editor-in-Chief of JMI 2020
- Opioid Agonist Treatment and Opioid-Related Encounters Among Medicaid Beneficiaries in Seven States Across the United States: Trends, Challenges, and the Impact of Various Risk Assessment Time Frames on Performance of Opioid Overdose Across a State-Wide Population 2020
- Assessing the Role of Neighborhood Socioeconomic Characteristics on COVID-19 Prevalence Across Seven States in the United States 2020
- Integrating Social and Behavioral Factors into Electronic Health Care Applications: A Conceptual Framework and Roadmap for Advancing the Evidence on Social Determinants of Health 2020
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