

Leveraging Community Engagement and Electronic Health Record Strategies to Promote Diverse Participation in COVID-19 Clinical Trials

Investigators

- Tesheia Johnson, MBA, MHS - Yale University, School of Medicine
- Allen Hsiao, MD - Yale University, School of Medicine
- Helen Seow, PhD - Yale University, School of Medicine

Project Summary

Underrepresented racial and ethnic minority populations were disproportionately affected by the COVID-19 pandemic, which highlights the critical need for diverse participation in clinical trials to ensure the safety and efficacy of new vaccines and treatments. The researchers will leverage community engagement and electronic health record (EHR) data for clinical trial recruitment to promote COVID-19 clinical trial participation among racial and ethnic minority populations. This includes utilizing focus groups and surveys as well as EHR data to understand patient and community perspectives on clinical trials recruitment and learn how to better engage a more diverse population of participants in clinical trials.

Populations Served: American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, and Hispanic or Latino

Goals/Aims:

- Understand factors or combination of factors that contribute to COVID-19 morbidity and mortality in racial and ethnic minority populations.
- Utilize real time data and EHR data to provide population health management and access to COVID-19 clinical trials information, including integration of community-level social determinants of health information and messaging strategies related to diversifying participation in clinical trials research.
- Understand ways to amplify linguistically and culturally appropriate information related to COVID-19 and inclusion of diverse communities in clinical trials research awareness, participation, and retention as well as prevention strategies.

Publications/Abstracts/Posters, etc.

- **How to Address Diversity in Clinical Trial Participation** (oral presentation), Society for Clinical Trials Annual Meeting, Boston, MA, May 2024.