

Utilizing the Pharmacy Advances Clinical Trials (PACT) Network to Achieve Diversity in COVID-19 Clinical Trials: A Strategic Framework

Investigators

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Project Summary

Disproportionate COVID-19 (coronavirus disease 2019) mortalities were observed in racial and ethnic minority populations at the beginning of the coronavirus pandemic from 2020 to 2022. It was also difficult to enroll racial and ethnic minority populations into COVID-19 clinical trials. Such challenges were associated with patient, system, provider, and community barriers, including mistrust, social determinants of health, failure to meet eligibility criteria, and lack of awareness of clinical trials. To address these issues, Texas A&M University partnered with the American Association of Colleges of Pharmacy to leverage their collective resources and capabilities to optimize participation in COVID-19 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:

- Leverage Artificial Intelligence, Machine Learning, Geospatial Intelligence, and Clinicaltrials.gov data to enable environmental scans in target communities to optimize racial and ethnic minority populations participation in COVID-19 clinical trials.
- Create a network of community-based pharmacists and other partners to directly increase clinical trials participation among racial and ethnic minority populations.

Publications/Abstracts/Posters, etc.

- Udeani G, Moore T, Farrell D, Alonzo J, Biggers K, Panahi L, Steinkopf M, Ozmetin J, Flores S, Damodaran C, Han G, and Ory M. Pharmacy Advances Clinical Trials (PACT) Network to Achieve Diversity in COVID-19 Clinical Trials: A Strategic Framework. 2023 Texas A&M University – School of Pharmacy Research Colloquium, March 30-31, 2023, College Station, TX.
- Moore TS, Udeani G, Lonzo J, and Samson A. Collaboration is Key to Advancing Diversity in Clinical Trials. (oral presentation). American Association of Colleges of Pharmacy Annual Meeting, Aurora, Colorado, July 22-25, 2023.