

to the doh with linkage to care at 81%. comparatively, before the onset of focus, the ED ordered 38 HIV tests, with one positive from Oct 2018 TO Sept. 2019. DISCUSSION/SIGNIFICANCE: UHT ED's focus "OPT-OUT" HIV testing is a valuable conduit for HIV detection, prevention, and care. OPT-OUT screening removes the stigma associated with hiv testing, fosters earlier diagnoses and treatment, reduces health disparities, and decreases the risk of transmission.

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### Providing Equity in Immunizations and Research

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OBJECTIVES/GOALS: Disparities persist among minority and marginalized populations in immunizations and research. The Clinical Research Vehicle Team aimed to bring research to our community's doorstep, building generalizability of research outcomes. Our mission adapted due to the pandemic to include increasing COVID-19 vaccinations and health education. METHODS/STUDY POPULATION: Community Engagement Events are planned when event organizers submit a request, then the proposal is discussed by the Clinical Research Vehicle (CRV) Team and UF HealthStreet. We go to underserved communities throughout Florida, food distributions, churches, community centers, rural areas, etc. At these events we offer services at no cost, including: COVID-19 and flu vaccines, as well as health screenings. We provide health education to individuals and refer them to UF HealthStreet for community resources, as appropriate. Research events are planned when researchers submit a request for the CRV, then the request is discussed by the CRV Team. The studies covered topics from COVID-19 research to the development of a diverse health database. Our fleet consists of two Community Health Vehicles and the CRV. RESULTS/ANTICIPATED RESULTS: As Community Engagement Events are ongoing, the presented numbers are reflective of the data available at the time of submission. Our impact includes administering 1,606+ COVID vaccines, conducting 1,081+ health screenings, collecting data from 944 screenings, providing 265 Flu vaccines, supporting 267+ community health events, and serving 25+ communities. The Clinical Research Vehicle facilitated 6 IRB-approved studies, administration of monoclonal antibody infusions, extended the capabilities of the Clinical Research Center, and enabled clinical trials aimed for novel treatments for COVID-19 positive participants. DISCUSSION/SIGNIFICANCE: Championing this initiative has shown an impact on vaccination rates and health education in communities. Experience and knowledge gained by our team throughout the pandemic while engaging with community members provided a platform from which to build generalizability of research outcomes and support translational science.

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### An Analysis of Researchers' Feedback on Community Engagement Advisory Board Recommendations

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OBJECTIVES/GOALS: The Community Engagement and Advisory Board (CEAB) has been an active and sustainable source of expert

recruitment, retention, and community engagement advice. Our goal is to describe the strategies offered by the CEAB to university researchers and discuss which are most and least likely to be implemented. METHODS/STUDY POPULATION: The University of Illinois at Chicago's (UIC) Center for Clinical and Translational Science's (CCTS) CEAB was established in 2009 and is one of the longest-standing boards across the CTSA network. Our CEAB consists of 28 members, each representing a community-based organization or underrepresented community, which has provided 16 consultations since 2021. Our analysis consisted of: 1) reviewing and coding consultation notes (n= 16) to extract common recruitment and retention strategies provided to researchers; 2) reviewing feedback forms (n = 10) completed by the research team to code the strategies most likely to be implemented by researchers; 3) analyzing the codes to identify the strategies least likely to be implemented. RESULTS/ANTICIPATED RESULTS: Our preliminary analysis indicated that the majority of researchers reported they are most likely to implement strategies to reduce burden for research participants (make study participation more convenient, e.g., allowing participant accompaniment, avoiding commuting to study site, providing transportation provide them with resources to their healthcare) and enhance recruitment from trusted community sources (e.g., Aldermen, local agencies, libraries). Researchers are least able to follow recommendations to alter their budget (e.g., increase participant stipends, hire community staff). DISCUSSION/SIGNIFICANCE: In a previous paper focused on this CEAB, Matthews et al. (2018) found researchers indicated that they plan to implement at least one recommended strategy. In this follow-up examination, we describe the recommended strategies to guide CEABs to align recommendations with researcher priorities to best assist with their translational science goal.

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### Building Empowerment through FITness (BeFIT)

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OBJECTIVES/GOALS: Improving physical activity of African American women experiencing disproportionate health risks from sedentarism, educational and socio-environmental barriers. BeFit: Building Empowerment through Fitness is based on "What I Learned At Home" project, run by Women Under Construction Network, for residents of the Birmingham Housing Authority. METHODS/STUDY POPULATION: A qualitative study design to understand unique cultural context and challenges faced by African American women residing in the Birmingham Housing Authority, regarding physical activity engagement, including sedentarism. A needs assessment approach will help determine barriers, support systems, and social networks. Semi-structured, pre, mid, and post program focus groups will identify challenges and opportunities for health, such as diet and exercise, and will be analyzed by hand with a thematic analysis. The project framework uses exercise and home repair tools with a life-building/life repair curriculum to influence health, self-efficacy, and program engagement. The Study enrollment will include 50 women over two cohorts in a 12-week project. RESULTS/ANTICIPATED RESULTS: This research addresses the urgent health needs of African American women in