

FDA/regulatory focus, and is now evolving to highlighting specific innovative areas of research with this year's course spotlighting Cellular & Gene Therapy/Regenerative Medicine. LAUNCH is now in its third year, having been inspired by graduating RAP students wishing to continue in clinical research and feedback from their own focus groups. DISCUSSION/SIGNIFICANCE OF IMPACT: The UCLA CTSI has supported these highly successful workforce development pipeline programs, which have had a demonstrated impact on students and the overall institutional clinical research infrastructure. Their stellar reputations generate high interest at UCLA and serve as model programs for implementation at other academic medical centers.

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### **A decade of excellence and impact: The UCLA Clinical And Translational Science Institute – Research Associates Program (CTSI-RAP)**

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**OBJECTIVES/GOALS:** The impact of the program on alumni students was measured in a 2023 survey, which assessed key factors and student perspectives on motivation to apply/remain in the program, their engagement activities, how they used the skills acquired in RAP upon graduating, and if they were currently serving in a health profession and/or clinical research. **METHODS/STUDY POPULATION:** Survey questions were based upon specific components of CTSI-RAP that make it unique. Covered topics related to motivation for participation, meaningful experiences, program effectiveness, future use of RAP knowledge/training, and current career roles in the health professions and/or clinical research. The survey was built and analyzed in REDCap and deployed May–July 2023. The study received exempt certification from the IRB. The survey was sent to 123 alumni from the 2013 to 2021 cohorts. Bounced e-mails were followed up on and two reminder e-mails were sent to initial non-responders. Identifiable demographic information was separated from program evaluation questions for analysis. A subanalysis was performed to determine program impact on students who identified as underserved or disadvantaged. **RESULTS/ANTICIPATED RESULTS:** Respondents included 82/123 (66.7%) alumni. The survey took approximately 15 minutes. Most of the students 64/82 (78.0%) had 1 year or less research experience. The top three motivating factors for joining the RAP program were gaining clinical research experience, exposure to healthcare settings, and interest in pursuing a healthcare related career. Most alumni rated the overall effectiveness of the RAP program as very or somewhat valuable and the majority felt that the program ranked high or very high among their undergraduate experiences. The program was very influential or influential in defining their long-term plans and goals. Just under half felt that their career aspirations were changed or influenced by the program, which was especially true for those who identified as underserved/disadvantaged. **DISCUSSION/SIGNIFICANCE OF IMPACT:** CTSI-RAP alumni highly value their

experience in the program. They have benefitted professionally and are motivated to keep their connection to the program alive. With a decade of clinical research excellence and programming, CTSI-RAP's impact is well established as a proven model benefiting both students and the clinical research infrastructure.

## **Health Equity and Community Engagement**

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### **Empowering communities through theater testing: Engaging Promotoras de Salud in substance use disorder research on the US-Mexico border**

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**OBJECTIVES/GOALS:** Highlight the importance of community engagement: Showcase how the involvement of Promotoras de Salud is critical for fostering trust and encouraging participation in clinical trials. Cultural relevance and adaptation: Underline the importance of cultural and contextual relevance in developing and refining clinical research tools. **METHODS/STUDY POPULATION:** The theater test, an interactive evaluation approach akin to a dress rehearsal in theater, was conducted with approximately 60 Promotoras de Salud at a community center near the US-Mexico border. The Promotoras were divided into four groups, each focusing on one domain of the toolkit and facilitated discussions provided critical feedback on the materials and methods. A community engagement liaison with the University of New Mexico Health Sciences Center played a key role in introducing the EXPLORE team to these community leaders, leveraging longstanding relationships that predate this project. **RESULTS/ANTICIPATED RESULTS:** Post-testing evaluations showed that 97% of the Promotoras were likely to encourage clinical trials in their communities, and 86% saw significant benefits for their community members. The Promotoras provided key insights and recommendations to enhance the toolkit's cultural and contextual relevance. The community engagement liaison created a bilingual infographic to share these insights, which was presented at a Promotoras meeting, fostering meaningful discussion about clinical trials. **DISCUSSION/SIGNIFICANCE OF IMPACT:** This project underscores the importance of community voices in research, transforming feedback into actionable insights for public health. Engaging Promotoras through theater testing validated the EXPLORE Toolkit and strengthened ties