

OBJECTIVES/GOALS: The Clinical and Translational Research Funding Program (CTRFP) awards 12-month community-engaged pilot projects. Following cycles of proposals with underdeveloped community engagement plans, the study section recommended earlier community feedback. The CTRFP early review process integrates lived experiences in proposal development. **METHODS/STUDY POPULATION:** Each CTRFP competitive letter of intent (LOI) submission includes a partnership description with roles, project engagement plans, and aims. The early review process includes 1) match community health consultants with specific lived experiences to LOIs; 2) separately, match academics with specific community-engaged research experiences to LOIs; 3) meet with each reviewer to collect verbal feedback; 4) provide written feedback from both community and academic perspectives to applicants one month prior to proposal due date; and 5) consult with applicants as requested leading up to proposal submission. Applicants must state how they incorporated feedback into their proposal. This process is managed through the Institute of Clinical and Translational Sciences' community engagement function. **RESULTS/ANTICIPATED RESULTS:** Three cycles of early review have been integrated into the CTRFP, involving 11 community and 5 academic reviewers. * 29% of LOIs reviewed did not submit. Two realized their partnerships were not ready and within 4 months applied for partnership development funding. * An early reviewer said, "It's one thing to have a bird's eye view of an issue, but another to talk to people that grew up in it and know it in their day to day. My voice is totally necessary. I break down 'food insecurity' from this surface concept into this issue impacting real people like me and my family." * Applicants said feedback led to better research design and engagement activities, community benefit, and bigger partnerships. * 22% of proposals scored in the fundable range in 2021. In 2024, 66% of proposals scored in the fundable range. **DISCUSSION/SIGNIFICANCE OF IMPACT:** Early review of CTRFP applications proposing community-engaged research demonstrates accountability to valuing lived experience. Staggering funding with programs that support community engagement, such as partnership development funding and community studios, can efficiently improve proposals not adequately prepared for submission.

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Patient perspectives on GLP-1 receptor agonists for weight loss: A mixed-methods study to inform translational obesity care

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OBJECTIVES/GOALS: To explore patient experiences and perceptions of GLP-1 receptor agonists for weight loss, informing translational obesity care and highlighting the impact of emerging therapies on patient-centered outcomes. **METHODS/STUDY POPULATION:** This mixed-methods study included adults (≥18 years) without diabetes, pregnancy, or relevant medical contraindications. From March to July 2025, 140 participants completed a 30-item survey and ~30-question semi-structured interview tailored to six distinct GLP-1 experience groups from considering it, to actively

using it, to having stopped. Participants received a \$20 e-gift card. Quantitative data were analyzed using SAS; qualitative data were coded and thematically analyzed in Dedoose. The sample was predominantly white (82%), female (63%), privately insured (84%), employed full-time (74%), college-educated (75%), and married (65%), with 47% reporting income ≥\$100,000 and a mean age of 45 years. **RESULTS/ANTICIPATED RESULTS:** Distinct themes emerged across groups. Group 2 reported reduced interest in food, which influenced their food choices with mixed clinician support on nutrition. Group 4 credited GLP-1 for weight loss success but feared losing access to medication due to cost or insurance and thereby rebounding. Group 6 discontinued due to unsustainable side effects, cost, or coverage denial. Female participants (Groups 3–5) often faced stigma, with comments about "cheating" in weight loss, rarely reported by males. A reduction in "food noise" – intrusive food thoughts – was common while on GLP-1. Educational support from clinicians varied widely. Despite media portrayals, nearly all participants had long struggled with weight and were actively pursuing healthy lifestyles with exercise and nutritious food while on GLP-1. **DISCUSSION/SIGNIFICANCE OF IMPACT:** Findings reveal strong patient enthusiasm for GLP-1 therapies and emphasize the need for consistent education and policy reform to support equitable, sustainable obesity care. Patient-centered insights can inform translational strategies in obesity treatment.

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Understanding cross-sector trust between healthcare clinics and farmers for Produce Prescription Program (PRx) implementation

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OBJECTIVES/GOALS: Trust among stakeholders is vital for effective implementation, boosting collaboration, and ensuring long-term commitment to a program. In the past decade, PRx has gained traction, but trust between farmers and healthcare clinics remains understudied. This study aims to identify facilitators and barriers to building trust for PRx implementation. **METHODS/STUDY POPULATION:** We partnered with 3 primary care clinics within a healthcare system in Atlanta, GA, conducting 7 one-hour focus group discussions (FGDs) with providers, residents, and staff (6-8 participants each), and 13 one-hour semi-structured interviews with healthcare administrators. Seventeen organic fruit and vegetable farmers within 2 hours of Atlanta were recruited via Georgia Organics and snowball sampling for 1-hour semi-structured interviews. FGDs and interview guides were based on the Exploration, Preparation, Implementation, and Sustainment framework's preparation phase. FGDs were held in person; interviews were in person/Zoom. Sessions were recorded, then transcribed verbatim by a professional transcription company. The data were analyzed using a team-based rapid qualitative analytic approach. **RESULTS/ANTICIPATED RESULTS:** Farmers and healthcare personnel stressed the importance of communication for building trust in a partnership for PRx implementation. They both value commitment