

IRI Impact Highlights

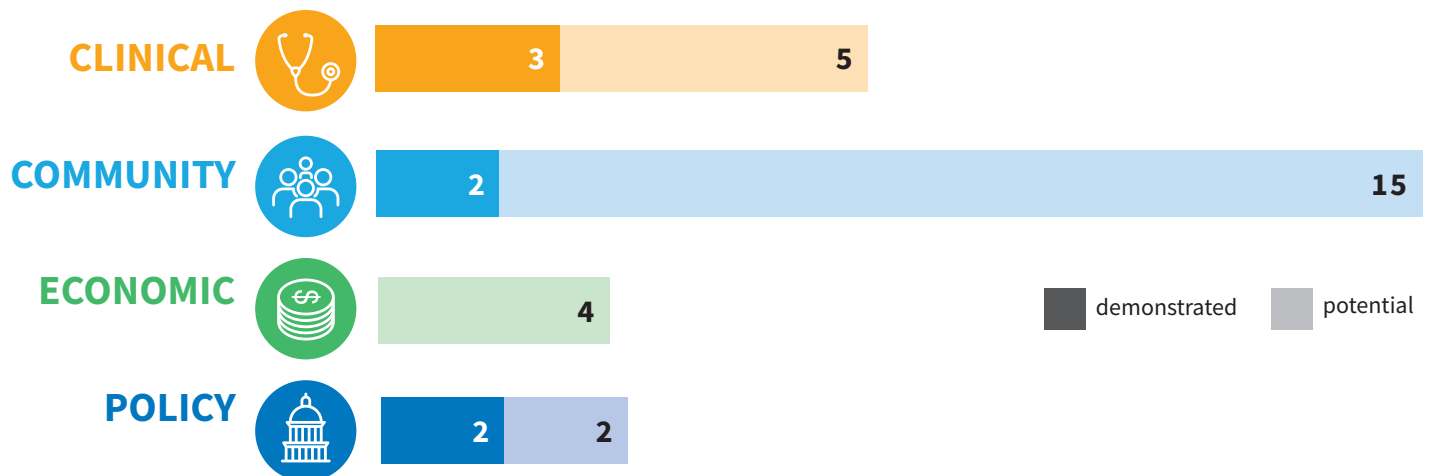
A set of 4 case studies from the **2022 IRI cohort** developed with the **Translational Science Benefits Model** framework

In partnership with the Implementation Research Institute, the Translational Science Benefits Model project developed four impact case studies demonstrating how implementation science can improve health services and change communities. The case studies showcase the impact of IRI fellows' and alums' work, and the impact of the IRI itself as a mentored network.

Together, the IRI projects identified **33 TSBM benefits**, 7 demonstrated and 26 potential (expected to be realized in the future).



iri.wustl.edu



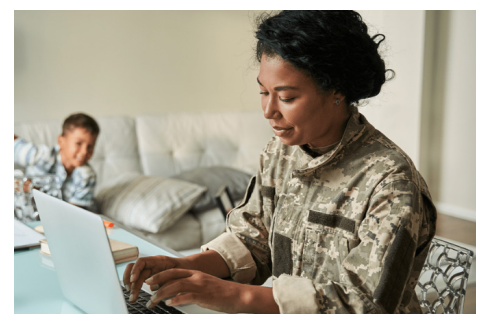
Using Teams and Virtual Care to Engage Veterans in Depression Treatment



PI: LUCINDA B. LEUNG



Lucinda Leung's project addresses depression among Veterans by integrating computerized cognitive behavioral therapy (cCBT) into a collaborative care model within VA primary care clinics. Depression affects one in five Veterans, yet access to effective psychotherapy remains limited. The intervention involves cCBT combined with support from care managers, delivering therapy through a web-based program. A pilot trial showed that cCBT-enhanced collaborative care is feasible, acceptable, and possibly effective, with participants showing remission and high engagement. This model aims to increase psychotherapy access, improve mental health outcomes, reduce healthcare costs, and support national dissemination within the VA healthcare system. Read the [case study](#) on our website.



Preventing Suicide among Youth in Juvenile Detention



PI: BRITTANY N. RUDD

Brittany Rudd's work aims to prevent suicides among youth in juvenile detention, where they face higher suicide risks compared to peers outside the system. The Zero Suicide model, incorporating evidence-based screening, care pathways, intervention, and care coordination, is being adapted for this setting. Efforts focus on addressing disparities impacting Black youth. Beginning in 2018, the team completed several projects developing and evaluating suicide prevention plans in detention centers, revealing barriers such as insufficient behavioral health support. The ongoing project seeks to refine this model with community input, aiming for broader implementation to improve youth mental health outcomes and equity. Read the [case study](#) on our website.



Optimizing Treatments for Youths with Persistent and Severe Disruptive Behaviors



PI: JOYCE H. L. LUI

Joyce Lui's work focuses on developing interventions for adolescents with persistent and severe disruptive behaviors (DBs), including those with callous-unemotional (CU) traits. Youths with DBs face social, educational, and economic challenges, and current treatments are often ineffective. The project uses user-centered design and implementation science to create and evaluate an outpatient intervention, engaging caregivers, adolescents, and service providers in the process. The goal is to improve the quality of life, reduce risky behaviors, and address the disproportionate impact on underrepresented and minority youth, ultimately benefiting society. Read the [case study](#) on our website.



Providing Practice Experiences for School Reintegration (PrESR) to Youth Hospitalized for Suicide-Related Crises



PI: MARISA MARRACCINI

Marisa Marraccini's work on the PrESR project aims to assist adolescents hospitalized for suicide-related crises in reintegrating into school using a virtual reality (VR) intervention. The PrESR teaches cognitive behavioral therapy (CBT) skills and offers practice in stressful scenarios, preparing youth for their return to school. Developed with input from adolescents and professionals, the intervention is designed to fit brief inpatient stays. Initial trials show it improves care quality and readiness for school reintegration. It targets diverse and vulnerable youth populations, enhancing psychological functioning and reducing suicide risks. The project also aims to support clinicians, reduce staff burnout, and ensure consistent treatment across hospital settings. Read the [case study](#) on our website.

