

2018 SCTA Implementation and Evaluation Grant Awardees

Each year the SCTA provides grants of up to \$20,000 awards for telehealth-based pilot projects that aim to accelerate the adoption, utilization, and investigation of telehealth interventions across South Carolina. This funding is intended to provide assistance to South Carolina clinicians and researchers in their efforts to develop, implement, and evaluate telehealth solutions.

Asthma Chat: Providing a Link between Parents of Children with Asthma and a Centralized Asthma Expert

Investigators:

Annie Lintzenich Andrews (MUSC)

Robin Estrada (USC)

Description:

This project will develop and pilot test a mHealth application that will deliver an asthma case management and adherence promotion intervention to parents of children with asthma. The goal is to improve access to care, decrease symptoms, and improve asthma-related quality of life for children with asthma.

Pediatric Cardiac Telehealth: A Scalable Loan Program to Promote Equal Access to Personal Telehealth Devices

Investigators:

Nicole Cain (MUSC)

G Hamilton Baker (MUSC)

Description:

Smartphone-enabled ECG is now widely available and could improve arrhythmia detection among children in South Carolina. However, access to these products is often unequal due to their cost and the fact that direct-to-consumer products are rarely covered by a patient's health insurance. This project will pilot a scalable, loan-based program to remove financial barriers to smartphone ECG telehealth technology.

Reducing Alcohol Misuse Following Interpersonal Violence Using Telehealth

Investigators:

Sara Barber (SC Coalition Against Domestic Violence and Sexual Assault)

Christine Hahn (MUSC)

Description:

This project will develop a scalable, sustainable telehealth intervention to reduce alcohol misuse and alcohol use disorders, following an exposure to interpersonal violence. The goal of this project is to connect those in underserved, rural areas exposed to interpersonal violence with an accessible evidence-based telehealth protocol for reducing alcohol use.

Development and Testing of a Smoking Cessation E-Visit for Implementation in Primary Care

Investigators:

Vanessa Diaz (MUSC)

Jennifer Dahne (MUSC)

Description:

Primary care is the most important point of healthcare contact for smokers and offers a powerful opportunity to identify many smokers and engage them in quitting. This pilot will examine the feasibility, acceptability, and impact of smoking cessation e-visits to be implemented in primary care.

Using Telehealth to Accelerate Mental Health Recovery after Pediatric Traumatic Injury

Investigators:

Rachel Houchins (Palmetto Health)

Leigh Ridings (MUSC)

Description:

Over 20% of children hospitalized for traumatic injury develop significant mental health needs affecting quality of life, physical recovery, family routines, and academic functioning. This project will produce a scalable, sustainable, technology-enhanced intervention to provide SMS-based education, symptom self-monitoring, self-help, and referral to telemental health treatment for caregivers of children affected by traumatic injury.

Midlands Recovery Center Telehealth

Investigators:

Ken Taylor (Bright Side Counseling)

Michelle Miller and Josh Gray (Midlands Recovery Center)

Description:

In South Carolina there are shortages of behavioral health professionals and long waiting lists for addiction services. This project will pilot using telehealth to provide trauma-focused peer education and counseling to address the co-occurrence of substance abuse and trauma.