

Abstract

Project title: ECU Leadership Training in Special Needs Population Oral Health Care

Disciplines of the residency program: Pediatric Dentistry and General Dentistry

Applicant Name: East Carolina University

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Amount Requested: \$3,144,259.00

Funding Priorities addressed: 1,2,3,4,5,6,7, and 8

Discipline of residency program: pediatric dentistry and general dentistry

Period of performance: 7-1-2020 to 6-30-2025

Planning year: 7-1-2020 to 6-30-2021

This training program will address gaps in education of dental professionals to foster leadership in oral health care delivery for patients with special health care needs in a three-pronged approach. It will: 1) focus on addressing needs of vulnerable populations; 2) expand and make use of a rural location for training; and 3) develop training for population health management tools.

Measurable objectives include: number of trainees in rural locations; number of vulnerable patients served; scope and number of dental procedures provided; trainee competency in use of population health management tools – to include data collection, data analysis, quality improvement, team building, cultural competency, health literacy, community engagement, and communication; number and characteristics of program completers to include: rural practice settings, underserved practice settings, active in providing primary care dentistry, and number of trainees from an under-represented minority group.

HRSA Clinical Priorities: This project will address : “Transforming the workforce -targeting the need”; “Telehealth”; and to a lesser extent “Combatting the opioid crisis”.

The proposed project involves a collaborative approach centered around meeting the health needs of vulnerable population groups in eastern North Carolina. The collaborators are rural community and academic partners. Vulnerable populations include: children and adults with special health care needs; medically complex patients; and frail elderly. Rural partners include: a federally qualified health center, a community college, and a regional public health agency. Academic partners include: pediatrics, nursing, pediatric dentistry, general dentistry, and dental public health. Pediatric dentistry training will be expanded to a rural site in Hertford County. Residents from the existing Advanced Education in General Dentistry (AEGD) program will be offered a second year of training that emphasizes oral health care delivery for these vulnerable populations and training in the use of tools to improve population health management skills. We intend to provide this training to 3 residents per year after a planning year is completed. Trainees will be recruited from our existing programs that include 21 AEGD residents and 6 pediatric dentistry residents.

Funding Priorities addressed include: 1,2,3,4,5,6,7, and 8