

## Abstract

Project Title: University of Iowa Advanced Training Program in Dental Public Health, Geriatrics & Special Needs Dentistry and Pediatric Dentistry

Application Organization: University of Iowa College of Dentistry

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Funding Request: \$2,781,284

Funding Priorities Requested: 2, 3, 4, 5, 7, 8

Period of Performance: July 1, 2020 – June 30, 2025 (5 years)

Disciplines: Dental Public Health and Pediatric Dentistry

This project proposes to train dentists in the combined programs of: 1) Geriatric & Special Needs Dentistry (GSND) and in Dental Public Health (DPH) and 2) Pediatric Dentistry (PD) and DPH. This proposal primarily addresses **Focus Area 1** (Underserved and Vulnerable Populations), by developing a new track within the University of Iowa's CODA-accredited Dental Public Health (DPH) program that will provide clinical training in Geriatric & Special Needs Dentistry (GSND), as well as formally establishing a dual training program in DPH and Pediatric Dentistry (PD). **We will also address Focus Area 2** (Rural Training Sites) **and Focus Area 3** (Dental Public Health) by growing collaborations and student experiences within Federally Qualified Health Centers (FQHCs) and other programs that serve rural and underserved communities in Iowa, and enhancing the core content of the DPH program to create more service-learning opportunities in community-based sites. Specific objectives are as follows:

1. Develop, implement and evaluate a track within the University of Iowa's CODA-accredited Dental Public Health program that combines DPH training with clinical and didactic training in Geriatrics and Special Needs Dentistry (GSND) and emphasizes training at FQHCs and other rural community-based clinics.
2. Through collaboration, formally establish, implement and evaluate a combined DPH-Pediatric Dentistry program at the University of Iowa that emphasizes training at FQHCs and other rural community-based clinics.
3. Incorporate administrative training in care delivery at FQHC rural dental clinics for trainees in the DPH-GSND and DPH-Pediatric Dentistry combined programs and other trainees in DPH.
4. Develop a seminar-based curriculum for trainees in the combined DPH-GSND and DPH-Pediatric Dentistry program and DPH trainees not in either combined program to focus on patients with complex medical needs across the lifespan, and integration of dental care with primary medical care.
5. Develop a pilot teledentistry program to better coordinate dental care services between FQHCs and the Pediatric Dentistry and GSND programs at the University of Iowa, and to provide trainee experience with teledentistry models.
6. Evaluate the project systematically on an ongoing basis and at the end of the project.