

ATTACHMENT Project Abstract

Application title: Faculty Development Supporting Academic Dental Institution Curriculum for the 21st Century

Institution: University of Florida

Address: Department of Community Dentistry and Behavioral Science
1329 SW 16th Street, Room 5180
Gainesville, FL 32610

Co-Project Directors: Frank Catalanotto, DMD and Linda Behar-Horenstein, PhD,

Telephone: 352-273-5970; **General Office** 352-273-5971; **Fax:** 352-273-5985

Email: fcatalanotto@ dental.ufl.edu

Discipline: Faculty Development in General, Pediatric and Public Health Dentistry and Dental Hygiene

Number of non-current faculty per year of proposal by discipline

Number of current faculty participants by discipline

Targets for underrepresented minority trainees per year of proposal

Abstract: The purpose of this application is secure HRSA funding to plan, implement and evaluate a variety of faculty development (FD) programs to better support the implementation of a newly revised predoctoral dental school curriculum at UFCD, as well as the educational activities in primary care pediatric, public health and general dentistry residency programs, and in 4 collaborating dental hygiene education programs. The focus of the curricular changes will be to enhance the ability of graduates to meet the oral health care needs of an increasingly diverse, economically needy and dentally underserved population. The proposed FD programs will enhance the ability of faculty in these programs to better deliver and teach in the new curriculum. Objectives of the grant include to: (1) measure the overall effectiveness of the implementation of the faculty development initiative; (2) determine the changes in the recruitment and retention of underrepresented minority dental students to UFCD; (3) determine the number of dental students who enter academic positions; (4) assess pre- and post-test changes in teaching pedagogy, in cultural competence, and in motivational interviewing; (5) determine the impact of the implementation of the FD activities on participants awareness and skills; (6) measure the effectiveness of instruction and, participants' (UFCD, DH, CBEP) understanding of learning activities during courses; (7) measure the overall effectiveness of FD, including participant satisfaction and, to provide insight about what changes might be needed for future offerings of particular courses; (9) determine the number of dental students who are accepted into ADEAGies Foundation/AADR Academic Dental Careers Fellowship program and their post-graduation plans; (10) determine the number of UFCD predoctoral students who participate in an AHEC-sponsored opportunities; (11) measure the number of dentists who seek and complete the MPH; and (12) determine the number of DMD faculty who seek and complete advanced degree options. The faculty development activities will be delivered using synchronous and asynchronous teaching platforms to encourage faculty participation and to increase their ability to satisfactorily complete required learning opportunities. We will use content experts at the University of Florida and Mexico, consultants from ADEA and the Academy for Academic Leadership, and an advisory board to implement the recommendations for the faculty development initiative that is provided by the University of Florida's College of Dentistry and the Faculty Senate.