

RECENT TITLE VII DENTAL GRANTS OF INTEREST TO PEDIATRIC DENTISTRY AND UPDATE ON NEW FY 2020 POST-DOCTORAL GRANT CYCLE



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WHERE APPLICABLE TO YOUR STATE USE AS A TALKING POINT IN CONGRESSIONAL VISITS

Dental Faculty Loan Repayment Program (FY 2017 awardees) – 5 year cycle

HRSA awarded 10 new DFLRP grants in fiscal year (FY) 2017. Each awardee program administers the loan repayment and identify the individual recipient (s) of such funds. **All 10 awardees met the preference for pediatric dental faculty.** These were defined in HRSA's Notice of Funding Opportunity as individuals who have completed a pediatric dental residency, have an appointment in a division or department of pediatric dentistry, and who teach in the field of pediatric dentistry at either the predoctoral or postdoctoral residency level. The loan repayment program extends for five years, repaying a higher amount each year so long as the benefitted individual remains a full-time faculty member.¹

Awardee	FY 2019 funding
Loma Linda University (Loma Linda, Calif.)	\$172,187
Howard University (Washington, D.C.)	\$166,461
Nicklaus Children's Hospital of Miami (Miami, Fl.)	\$96,034
Augusta University (Augusta, Ga.)	\$148,138
University of Illinois-Chicago (Chicago, Ill.)	\$196,485
University of Minnesota (Minneapolis, Minn.)	\$185,208
University of Mississippi (Jackson, Miss.)	\$177,385
Bronx-Lebanon Hospital (New York, N.Y.)	\$200,000
Cincinnati Children's Hospital Medical Center (Cincinnati, Ohio)	\$199,999
University of Tennessee (Memphis, Tenn.)	\$108,000

TOTAL = **\$1,649,897**

Dental Faculty Loan Repayment Program (FY 2018 awardees) – 5 year cycle

HRSA awarded 11 new DFLRP grants in FY 2018. **The AAPD understands that 8 of the 11 grantees have a pediatric dental component.**

Awardee	FY 2019 funding
Santa Barbara Neighborhood Clinics (Santa Barbara, Calif.)	\$150,000
University of Southern California (Los Angeles, Calif.)	\$142,570
Pueblo Community College (Pueblo, Colo.)	\$67,818
Holyoke Health Center (Holyoke, Mass.)	\$140,059
University of Nevada (Las Vegas, Nev.)	\$150,000
The Ohio State University (Columbus, Ohio)	\$60,750
Oregon Health & Science University (Portland, Ore.)	\$149,035
University of Pennsylvania (Philadelphia, Pa.)	\$149,040
University Of Puerto Rico Medical Sciences Campus (San Juan, P.R.)	\$130,045
Palmetto Health (Columbia, S.C.)	\$113,004
University of Texas Health Science Center at Houston (Houston, Texas)	\$115,683

TOTAL = **\$1,368,004**

HRSA FY 2017 Grants for Predoctoral Pediatric Training in General Dentistry and Dental Hygiene – 5 year cycle

HRSA awarded new grants in FY 2017 focused on improving pediatric dental training opportunities in predoctoral (dental school) and dental hygiene programs. The goal is to enhance clinical predoctoral dental and dental hygiene training focusing on children ages 0-5 to improve the oral health of vulnerable, underserved, and rural pediatric populations. This competition also included a small childhood obesity prevention supplement.

Awardee	FY 2019 Funding
University of Alabama at Birmingham	\$244,244
A.T. Still University, Arizona School of Dentistry & Oral Health (Mesa)	\$347,681
Western University of Health Sciences (Calif.)	\$299,999
Nova Southeastern University (Fla.)	\$294,399
University of Hawaii	\$300,000
University of Illinois (Chicago)	\$215,021
Boston University (Mass.)	\$290,326
University of Michigan	\$297,627
Temple University (Pa.)	\$271,923
University of Pennsylvania	\$295,384
Meharry Medical College (Tenn.)	\$258,936
University of Texas Health Science Center at San Antonio	\$147,086
Virginia Commonwealth University	\$269,420
University of Washington	\$294,414

TOTAL = \$3,826,460

Profiles of Select Predoctoral Grantees (from grant abstracts)

- The **University of Alabama at Birmingham (UAB)** grant will enhance clinical pediatric predoctoral dental training for children 0-5 years of age by systematically providing (1) didactic courses that increase students' knowledge of oral health literacy, health disparities and clinical pediatric dentistry, (2) interprofessional simulation training that allows students to develop skills in a safe environment and (3) live-patient clinical experiences. This grant features collaboration with three community-based training sites, including (i) a dental and Women Infant Children (WIC) clinic in a county public health department, (ii) a primary care FQHC in rural Alabama, and (iii) a center at UAB providing care to children and adults with disabilities. These sites provide undergraduate dental students experience in treating young children from minority, rural and developmentally disabled populations. This targeted training will better prepare students to practice in Alabama, where 41% of the population is rural, 27% of children live below the poverty level and all but two counties in the State are designated a Dental Health Professional Shortage Area (DHPSA).
- The **University of Illinois-Chicago** grant will educate pre-dental and dental students during their 2nd, 3rd and 4th year of education and training regarding the oral health needs of 0-5 year-old children in numerous and distinct community-based service settings. The sites will include elementary schools, a pre- and post-natal clinic at a local FQHC, a WIC center, eight community based partner sites, and two county health department sites. At the DuPage County Health Department, dental students will work

with children with special needs. At the Douglas County Health Department, dental students will engage with children and the parents/caregivers in a rural setting that also serves a large Amish population. Pre-dent students will be trained in oral health education. The dental students will be educated and trained in examination procedures, delivery of prevention services including diet and nutrition guidance for parents/caregivers and management of the oral health conditions of children 0-5 years of age. A total of 580 dental students will benefit from these grant activities in the course of 5 years.

- The **University of Pennsylvania**, School of Dental Medicine (PDM) grant builds upon current efforts to expand pre-doctoral education in both pediatric dentistry and community health to address persistent health disparities and difficulties in accessing oral health care in the medically underserved communities in West Philadelphia. The overall goal is to expand the knowledge, skills and experiences of D2, D3 and D4 pre-doctoral students in providing dental care with children birth to age 5. This training program is unique because it includes both didactic and community/ clinical experiences in public health and pediatric dentistry for students at the D2, D3 and D4 level. Integrating clinical experiences throughout a three year curriculum provides an extended base of experiences to allow students to graduate with competencies in treating children birth to five years. This program offers five clinical rotation sites to support students learning, including Penn's Pediatric Dental Clinic, two PDM affiliated federally qualified health centers - Sayre Health Center and Philadelphia FIGHT- as well as two PDM affiliated community programs -the Homeless Homeless Health Initiative of The Children's Hospital of Philadelphia, and Puentes de Salud.

- The **University of Texas Health Science Center at San Antonio** grant will provide didactic and clinical training of dental students in their second, third and fourth years of school. They will collaborate with the Ricardo Salinas Clinic, a federally qualified health care center, and also partner with the Health Science Center’s teaching hospital system, the University Health System’s Department of Medicine to plan and implement the project. With these partners, they will be able to provide training activities designed to: provide didactic and experiential training with children 0-5 years with the goal of improved oral health care for vulnerable and underserved pediatric populations, target very young children including preventive, diagnostic, and/or treatment services, as well as oral health education targeting trainees, community partner providers, and/or families, and incorporate population health and social determinants of health into student training.
- The **University of Washington** School of Dentistry’s Early Childhood Oral Health Training Program (EChOTrain) grant will deliver pediatric dental training to future general dentists and dental hygienists, especially focused to teach interprofessional team skills necessary to provide culturally competent care for young children in rural and other underserved areas, with an emphasis on care of CSHCN, and population health and social determinants of health. The specific objectives of EChoTrain are as follows: 1) Develop and deliver enhanced didactic and clinical curriculum in pediatric dentistry for predoctoral dental students, and create new pediatric-intensive experiential opportunities within service learning. 2) Develop and implement first-in-class pediatric dentistry restorative hygiene training program for prelicensure dental hygiene students, with experiential opportunities at CPD and community clinics. 3) Develop and implement novel interprofessional education and team-based care experiential opportunity with focus on cultural competence and oral health literacy for predoctoral dental students through partnership with University of Washington Medicine Pediatrics.

Pediatric Dentistry Title VII Grants – FY 2015 awardees – 5 year cycle

HRSA Title VII Pediatric Dentistry Grants - FY 2019 Funding Level		
(final year of funding) Grantee Name	State	Amount
PREDOCTORAL – Pediatric Dentistry-focused or collaborative grants		
UNIV. OF CALIFORNIA, SAN FRANCISCO	CA	\$228,714
COLUMBIA UNIVERSITY	NY	\$326,984
NEW YORK UNIVERSITY	NY	\$341,784
POSTDOCTORAL – Pediatric Dentistry-focused or collaborative grants		
UNIVERSITY OF CALIFORNIA, LOS ANGELES	CA	\$712,842
UNIVERSITY OF CONNECTICUT	CT	\$309,555
NOVA SOUTHEASTERN UNIVERSITY	FL	\$639,236
NICKLAUS CHILDREN’S HOSPITAL	FL	\$499,743
UNIVERSITY OF ILLINOIS-CHICAGO	IL	\$270,207
BOSTON UNIVERSITY	MA	\$697,947
TUFTS COLLEGE	MA	\$741,115
UNIVERSITY OF NEBRASKA	NE	\$447,399
BRONX LEBANON HOSPITAL CENTER	NY	\$737,548
COLUMBIA UNIVERSITY	NY	\$739,895
NY CITY HEALTH AND HOSPITALS CORP.	NY	\$494,890
UNIVERSITY OF ROCHESTER	NY	\$495,071
UNIVERSITY OF PITTSBURGH	PA	\$415,203
TEXAS A&M UNIVERSITY	TX	\$747,076
VIRGINIA COMMONWEALTH UNIVERSITY	VA	\$499,613
		TOTAL= \$9,344,822

Profiles of Select Pediatric Dentistry Postdoctoral Grantees (from grant abstracts)

- Dentists and other health care providers who treat patients with **autism spectrum disorder (ASD)** require special training to understand the skills and techniques needed to care for this growing population. At **Nova Southeastern University (NSU) College of Dental Medicine** the grant allowed for the development of a curriculum addressing the transition of children and adolescents with ASD to adult dental care and aims to increase access to dental care for children and adolescents with special health care needs such as ASD. NSU currently has pediatric special needs dental clinics at NSU’s Mailman Segal Center for Human Development in Davie, Florida, and Joe DiMaggio Children’s Hospital in Hollywood, Florida, and also operates a pediatric dental clinic at Kids in Distress in Fort Lauderdale.
- In collaboration with Building Healthy Futures, an Omaha nonprofit that aims to improve health for underserved children and youth, the **University of Nebraska Medical Center (UNMC) College of Dentistry** developed a plan to provide

dental care to children in need right at their own schools. **The grant allowed residents to go into ten Omaha Public Schools and provide restorative care using a portable dental unit.** UNMC also worked with dental clinics at Charles Drew Health Center, One World and Creighton University along with their own pediatric clinic to help establish dental homes for these children. Previous Title VII grants allowed UNMC College of Dentistry to increase its off-site rotations to additional rural communities, and also train physicians about infant oral health while demonstrating the use of tele-dentistry services in rural physicians' offices. Title VII funding also led to a pediatric dentist opening a practice in the western half of state where there had never been a pediatric dentist.

- **Boston University School of Dental Medicine** used its funding to establish a team-based inter-professional pediatric dental care model for underserved children and children with special health care needs, partnering with primary care pediatrics. They are also creating an integrated 3 year combined residency training program in pediatric dentistry and dental public health.
- Funding received by the **University of Pittsburgh** supported the expansion of the current residency program in pediatric dentistry that includes two multidisciplinary program tracks specializing in the care of patients in underserved rural settings and special needs populations. One track focuses on providing advanced dental care to the special needs community and the second focuses on dental public health policy and practices for children in the rural and underserved areas of northern Appalachia. The funding gave the pediatric dental residency program an opportunity for educating additional residents to be dually-trained and providing much needed dental services to the region's most vulnerable populations. Pitt's Dental School expanded its collaboration with the Department of Family Medicine, the Center for Patients with Special Needs and many regional and national community health partners to provide residents family-oriented, community-based training that emphasizes cultural competency.
- The **Virginia Commonwealth University School of Dentistry** grant funded the development of a new interprofessional curriculum, provided funds for teledentistry equipment and expanded the pediatric dental residency program at two clinical care sites. Pediatric dentistry residents gained the opportunity to participate in the VCU Center for Interprofessional Education and Collaborative Care's educational programs while providing dental care for children at various clinical sites. **Residents provide care at the Children's Hospital of Richmond at VCU and the Piedmont Regional Dental Center, which is a safety net dental practice in Orange, Virginia.** The grant also covered the cost of dental technology equipment such as a digital X-ray and an intra-oral video camera. The new technology enabled pediatric dentistry residents to provide consultation services for children at rural sites without necessitating a trip to a dental office.

HRSA Title VII FY 2020 Post-Doctoral Training Grant NOFO

IF YOUR PROGRAM APPLIED FOR THIS GRANT, USE THAT AS A TALKING POINT. Since the application deadline recently closed and the grants review process has just started, the AAPD does not yet have a list of grantees.

In anticipation of a HRSA grant cycle and in our effort to promote a robust number of pediatric dentistry applications, AAPD prepared a free webinar for program directors on grant writing and planning. This was presented live by Academic Trustee at-large Dr. Homa Amini on Oct. 11, 2019, and is available for online viewing/listening at any time for AAPD members.²

When the HRSA Notice of Funding Opportunity (NOFO) was released on Nov. 13, 2019, the AAPD notified program directors:

Postdoctoral Training in General, Pediatric, and Public Health Dentistry

NOTICE OF FUNDING OPPORTUNITY (HRSA-20-005) Fiscal Year 2020 Application Due Date: Feb. 12, 2020

Apply for this grant on [Grants.gov](https://www.grants.gov).

The Health Resources and Services Administration (HRSA) is accepting applications for the fiscal year 2020 Postdoctoral Training in General, Pediatric, and Public Health Dentistry program.

The application cycle closes on Feb. 12, 2020.

The program provides funding to improve access and delivery of oral health care services for all individuals, particularly vulnerable populations and individuals located in rural and/or underserved areas. Eligible applicants include entities that have programs in dental schools, or approved residency or advanced education programs in the practice of general, pediatric or public health dentistry, which may include dental schools, public or private not-for-profit hospitals, or other public or private non-profit entities, including faith-based and community based organizations.

HRSA expects approximately **\$13,000,000** to be available in FY 2020 to fund an estimated 28 eligible grantees.

AAPD subsequently disseminated some important points of interest in the NOFO in a follow-up e-mail:

- “The NOFO supports the development or enhancement of existing residency training programs to incorporate and test new and innovative models of care delivery for rural, underserved and vulnerable populations.”
- Note the **3 primary areas of focus**: “You may apply for funding to plan, develop and implement projects in community-based training sites that focus on one or more of the following three areas:
 1. caring for underserved and/or vulnerable populations
 2. developing/expanding rural training sites, or
 3. dental public health.”
- If multiple residency programs at a dental school are interested in the grant they should do a collaborative application and be eligible for \$650,000 per year as opposed to \$450,000 per year:

“Collaborative, multi-discipline application in at least two of the following disciplines: general dentistry, pediatric dentistry, or dental public health. One residency would be identified as the primary residency and serve as the applying entity. The applying entity must include in their proposed application significant collaboration to include joint planning and implementation of proposed activities and include “collaboration” as one of the grant objectives.”
- “NOTE: Multiple applications from an organization are not allowable. Institutions with more than one interested and eligible program should consider submitting one collaborative application.”
- “For programs applying for a planning year, initial accreditation must be received at or before, July 1, 2021, and maintained for the remainder of the project period.”
- “Additionally, applications may include some faculty development for the purpose of preparing program completers for roles as community-based clinician educators and mentors.”
- “Applicants are encouraged to target programs towards dentists who are likely to provide care for underserved groups and communities.”
- Note the fixed statutory preferences and which ones might be met via your grant proposal.

¹The institution will pay an amount equal to 10, 15, 20, 25, and 30 percent of the student loan balance, upon completion of each year of service.

²http://eventcenter.commpartners.com/se/Meetings/Playback_new.aspx?meeting_id=740212