



RECENT TITLE VII DENTAL GRANTS OF INTEREST TO PEDIATRIC DENTISTRY

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

HRSA is expected to announce a new FY 2021 DFLRP grant cycle opportunity shortly. This will include a preference for pediatric dentistry as included in Congressional appropriations report language for FY 2021.

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 2020 FUNDING
Loma Linda University (Loma Linda, Calif.)	\$216,000
Howard University (Washington, D.C.)	\$231,337
Nicklaus Children's Hospital of Miami (Miami, Fl.)	\$112,358
Augusta University (Augusta, Ga.)	\$188,352
University of Illinois-Chicago (Chicago, Ill.)	\$249,867
University of Minnesota (Minneapolis, Minn.)	\$227,844
University of Mississippi (Jackson, Miss.)	\$248,400
Bronx-Lebanon Hospital (New York, N.Y.)	\$250,000
Cincinnati Children's Hospital Medical Center (Cincinnati, Ohio)	\$249,999
University of Tennessee (Memphis, Tenn.)	\$135,000

TOTAL = \$2,109,157

DENTAL FACULTY LOAN REPAYMENT PROGRAM (FY 2018 AWARDEES) – 5 YEAR CYCLE

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

AWARDEE	FY 2020 FUNDING
Santa Barbara Neighborhood Clinics (Santa Barbara, Calif.)	\$200,000
University of Southern California (Los Angeles, Calif.)	\$186,153
Pueblo Community College (Pueblo, Colo.)	\$86,988
Holyoke Health Center (Holyoke, Mass.)	\$183,799
University of Nevada (Las Vegas, Nev.)	\$200,000
The Ohio State University (Columbus, Ohio)	\$81,000
Oregon Health & Science University (Portland, Ore.)	\$198,118
University of Pennsylvania (Philadelphia, Pa.)	\$198,720
University of Puerto Rico Medical Sciences Campus (San Juan, P.R.)	\$162,445
Palmetto Health (Columbia, S.C.)	\$150,671
University of Texas Health Science Center at Houston (Houston, Texas)	\$151,853

TOTAL = \$1,799,747

FY 2020 GRANTS FOR POSTDOCTORAL TRAINING IN PEDIATRIC, GENERAL, AND PUBLIC HEALTH DENTISTRY

In 2020, HRSA awarded 27 Title VII FY 2020 grants to enhance postdoctoral dental residency training programs in rural communities.. The FY 2020 grants were focused on program outreach to rural and under-served communities, rather than program expansion, based on AAPD's recommendations that were guided by the 2019 pediatric dentistry workforce report commissioned by the AAPD. Six awards were directed solely to pediatric dentistry programs, and another ten include pediatric dentistry in collaboration with general dentistry and dental public health. HRSA awarded a total of \$13,004,548, with \$8,092,627 supporting pediatric dentistry.

GRANTEE NAME	FOCUS	CITY	STATE	FUNDING AMOUNT
University of California, Los Angeles	Pediatric Dentistry , General Dentistry	Los Angeles	CA	\$450,000
La Maestra Family Clinic, Inc.	General Dentistry	San Diego	CA	\$450,000
Regents of The University of California, San Francisco	Dental Public Health, Pediatric Dentistry	San Francisco	CA	\$644,872
Howard University, Inc.	Pediatric Dentistry	Washington	DC	\$448,580
Variety Children's Hospital d/b/a Nicklaus Children's Hospital	Pediatric Dentistry	Miami	FL	\$449,999
Nova Southeastern University, Inc.	Pediatric Dentistry , General Dentistry	Davie	FL	\$650,000
The University of Iowa	Dental Public Health, Pediatric Dentistry	Iowa City	IA	\$438,288
University of Illinois	Pediatric Dentistry	Chicago	IL	\$153,430
President and Fellows of Harvard College	General Dentistry, Dental Public Health	Boston	MA	\$497,993
Trustees of Boston University	Pediatric Dentistry , Dental Public Health	Boston	MA	\$474,326
University of Mississippi Medical Center	General Dentistry	Jackson	MS	\$450,000
East Carolina University	Pediatric Dentistry , General Dentistry	Greenville	NC	\$576,444
Erie County Medical Center Corp.	General Dentistry	Buffalo	NY	\$450,000
New York University	Pediatric Dentistry	New York	NY	\$306,757
Trustees of Columbia University in the city of New York	Pediatric Dentistry , General Dentistry, Dental Public Health	New York	NY	\$649,987
New York University Langone Hospitals	General Dentistry, Pediatric Dentistry	New York	NY	\$649,948
New York City Health And Hospitals Corporation	General Dentistry, Dental Public Health	Bronx	NY	\$631,485
Mercy Health Youngstown, LLC	General Dentistry	Youngstown	OH	\$389,507
The Ohio State University	Pediatric Dentistry	Columbus	OH	\$450,000
The Trustees of The University Of Pennsylvania	General Dentistry	Philadelphia	PA	\$362,731
The Wright Center Medical Group	General Dentistry	Scranton	PA	\$334,068
Wellspan Health	General Dentistry	York	PA	\$449,377
Christ Community Health Services, Inc.	General Dentistry	Memphis	TN	\$450,000
The Texas A&M University System Health Science Center	Dental Public Health, General Dentistry, Pediatric Dentistry	College Station	TX	\$650,000
University of Texas Health Science Center of San Antonio	Dental Public Health (Primary), General Dentistry, Pediatric Dentistry	San Antonio	TX	\$650,000
Carilion Medical Center	General Dentistry	Roanoke	VA	\$446,760
University of Washington	Pediatric Dentistry	Seattle	WA	\$449,996

Further details of these awards can be found at: <https://data.hrsa.gov/tools/find-grants>. Click on Program Name, scroll down to and select, Postdoctoral Training in General, Pediatric and Public Health Dentistry. Then click on Year and select 2020.

PROFILES OF SELECT FY 2020 POSTDOCTORAL GRANTEES FROM THIS CYCLE (FROM GRANT ABSTRACTS)

- The **University of Iowa** College of Dentistry 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 will grow collaborations and student experiences within Federally Qualified Health Centers (**FQHCs**) and other programs that serve rural and under-served communities in Iowa, and enhance the core content of the DPH program to create more service-learning opportunities in community-based sites. The combined DPH-Pediatric Dentistry program at the University of Iowa to be developed will emphasize training at FQHCs and other rural community-based clinics. The grant will also 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.
 - The **UCLA** School of Dentistry project addresses the need for primary care providers to expand access to quality oral health care and improve preventive oral health knowledge/skills among caregivers. Their proposal expands the Community Health and Advocacy Training (**CHAT, 2010-2015**) and the Strategic Partnership for Interprofessional Collaborative Education in Pediatric Dentistry (**SPICE-PD, 2015-2020**) residency training programs to effectively prepare dentists and primary care providers to address disparities in prenatal and children's oral health. Through UCLA's innovative 9 training modules they successfully created a CHAT/SPICE PD cohort of 352 alumni (including pediatricians, pediatric nurse practitioners, general dentists and 19 DDS/MPH graduates) who are trained and committed to providing preventive oral health services to underserved families/children. UCLA will continue their existing curriculum and introduce two additional community-based training goals which involve partnerships with urban and rural/migrant Head Start/Early Head Start programs, a Federally Qualified Health Center, and a Los Angeles Unified School District high school.
 - The **Howard University** School of Dentistry projects seeks to develop culturally competent oral health care professionals in pediatric dentistry who will in turn provide care to underserved, uninsured, underinsured, and vulnerable populations. Seventy percent of all African American dentists were trained at Howard. Despite Howard University's contributions, there remains a shortage of underrepresented minority (**URM**) dentists at the postdoctoral level. In this project, Howard will enhance and enlarge several aspects of their innovative program in pediatric dentistry to improve oral health in underserved communities. They will train 30 culturally competent pediatric dentists during the project period. The project will enhance the clinical training component of the program by augmenting oral health care at a newly established affiliation site, a Federally Qualified Health Center where the target population faces significant, multi-faceted, and complex barriers to access. The project will also equip an auxiliary anesthesia facility devoted entirely to treatment of pediatric dental patients and patients with special needs under the supervision of the dental anesthesiologist on staff. Pediatric dentistry residents will receive well-rounded clinical training while serving diverse vulnerable populations in collaborations with the Howard University School of Medicine/Howard University Hospital Department of Pediatrics and Child Health, other Howard University Hospital departments and satellite community clinics
 - The **University of Illinois-Chicago** College of Dentistry project Resident Education in Advocacy and Community Health for Underserved Populations (**REACH-UP**) will promote caring for underserved/vulnerable populations and dental public health by enhancing the leadership, advocacy, and public health education for Pediatric Dentistry residents at UIC and meeting the needs of underserved populations through community clinic rotations, collaborative practice, and interprofessional education.
 - The **New York University** School of Dentistry project will train dentists and other health professionals to provide oral health care to people with disabilities and complex medical conditions. This is the fourth HRSA grant awarded to the Department of Pediatric Dentistry since 2015. The Bridging the Gap program will integrate this training into NYU's existing Advanced Education Program in Pediatric Dentistry and will create new training programs and curricula to educate general dentists and dental hygienists on caring for patients with disabilities. While some dental programs may focus on people with disabilities, special needs dentistry is not formally recognized as an accredited specialty. Many general dentists lack the skills, experience, or capacity to care for people with disabilities. Historically, given their training, pediatric dentists have been the primary dental professionals to serve people with disabilities, but there are not enough pediatric dentists and they are often unable to continue caring for these patients after they reach adulthood. Moreover, some people with disabilities and medical conditions have poor oral health due to difficulty with daily activities like brushing their teeth or the medications they take. Patients are often forced to forego preventive care in a dentist's office and are only seen in hospital operating rooms or under sedation—and only when a dental emergency occurs.
- To address this public health need, NYU Dentistry opened its new Oral Health Center for People with Disabilities in early 2019 to provide much-needed care for people whose disabilities or medical conditions prevent them from receiving care in a conventional dental setting. The center includes specialized equipment, sedation suites, and a multisensory room—and importantly, offers a unique training opportunity. The Bridging the Gap program will train pediatric dental postgraduate students to care for people with disabilities, including developing and implementing a new curriculum and enhancing their clinical experiences through rotations at the NYU Dentistry Oral Health Center for People with Disabilities and NYU's school-based dental care program in New York City schools.

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 2020 FUNDING
University of Alabama at Birmingham	\$244,244
Western University of Health Sciences (Calif.)	\$285,297
Nova Southeastern University (Fla.)	\$295,297
University of Hawaii	\$300,000
University of Illinois (Chicago)	\$216,668
Boston University (Mass.)	\$205,321
University of Michigan	\$299,853
Temple University (Pa.)	\$263,817
University of Pennsylvania	\$297,548
Meharry Medical College (Tenn.)	\$300,000
University of Texas Health Science Center at San Antonio	\$281,503
Virginia Commonwealth University	\$270,316
University of Washington	

TOTAL = \$3,259,864

PROFILES OF SELECT PREDOCTORAL GRANTEES FROM THIS CYCLE (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 percent of the population is rural, 27 percent 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.

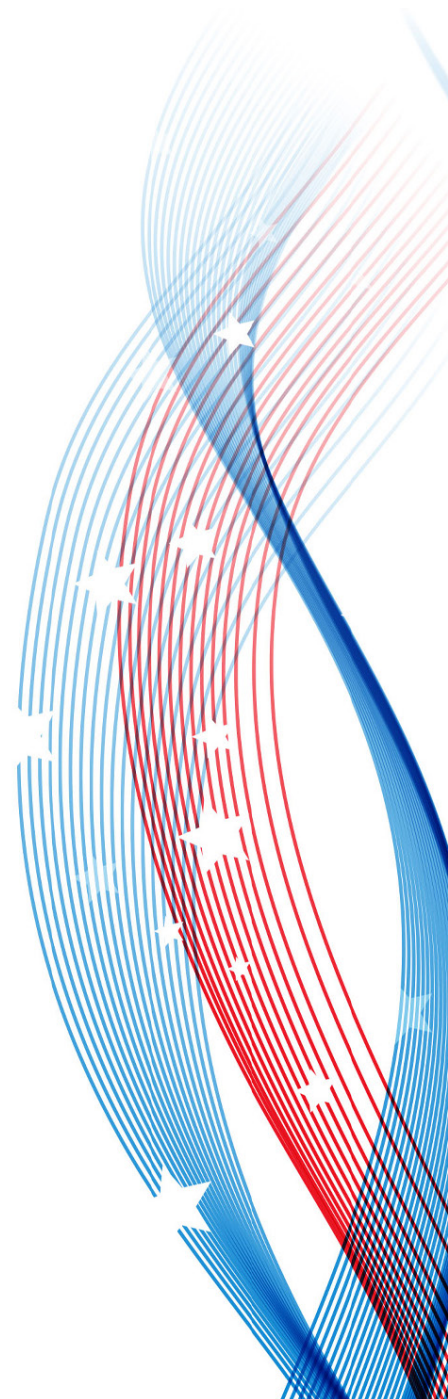
- The **University of Texas** Health Science Center at San Antonio grant will provide didactic and clinical training of dental students in their second, third and fourth years of school. They will collaborate with the Ricardo Salinas Clinic, a federally qualified health care center, and also partner 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 with preventive, diagnostic, and/or treatment services. Oral health education will target 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.

PAST 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 non-profit 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, Va.** 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.

¹ The 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.

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