

PALLAVI DHINGRA SINGH, D.D.S.

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CURRENT EXPERIENCE

VIRGINIA COMMONWEALTH UNIVERSITY
SCHOOL OF DENTISTRY
DEPARTMENT OF PEDIATRIC DENTISTRY

Oct. 2022-Present
Richmond, VA

Associate Professor

Assistant Program Director

- Promoted to Assistant Program Director of the Advanced Education in Pediatric Dentistry Residency based on my achievement as a course director and teacher.
- Course Director for the resident seminar on foundations of pediatric dentistry. Redesigned the curriculum to incorporate interactive teaching methods, resident wellness, and case-based learning. Lead and coordinate lectures, including by outside experts, and self-study programs that build on and incorporate CODA and AAPD guidance.
- Established and taught an independent board exam study club to improve resident outcomes on the American Board of Pediatric Dentistry (ABPD) Qualifying Exam. As a result, all residents who took the course passed the exam and program scores improved, with the 2023 examination class scoring in the top 20th percentile and achieving the highest scores for the residency program in five years.
- Provide didactic training to pre-doctoral and post-doctoral students. Served as Co-Course Director for resident courses focused on treatment planning, classical literature, and case-based learning. Developed quality assurance/quality improvement learning approach for residents.
- Supervise and involved in the clinical education of pre-doctoral and post-doctoral students in key domains of pediatric dentistry in the operating room (OR), in ambulatory dental clinics, and in the management of dental emergencies.
- Provide care for pediatric patients and patients with SHCN by employing several treatment modalities.
- Previously served as the Director, Adult Special Needs Dentistry.

COURSES TAUGHT

- PEDD 612: Seminar Series Pediatric Dentistry and Medicine
- PEDD 650: Classical Literature Review
- PEDD 654: Treatment Planning
- ABPD Qualifying Exam: Independent Review Course

EDUCATION

GEISINGER MEDICAL CENTER
Hospital-based Pediatric Dental Residency
Chief Resident (2021-2022)

July 2020- June 2022
Danville, PA

Research Focus: Children with Special Health Needs and Neurodevelopmental Disorders

- Treat children using a variety of treatment modalities: nitrous oxide sedation, oral sedation, IV sedation, and operating room treatment.
- Lead operator for over seventy-five operating room cases of full mouth oral rehabilitation.
- Gained significant experience treating children with special health care needs.

- Primary research focus on caries risk factors and incidence amongst children with special health care needs. Secondary research into genetic causes of caries and neurodevelopmental disorders; and interdisciplinary approaches to adaptive care strategies for patients with special needs.
- Worked on interdisciplinary teams with Emergency Medicine, Pediatrics, Oral and Maxillofacial Surgery, and Pediatric Hematology and Oncology
- Gained advanced education on the most recent guidelines from the American Academy of Pediatric Dentistry.
- Provided on-boarding presentations on key topics such dental trauma, clinical documentation, and dental emergencies for incoming PGY1 residents.
- Serve as a liaison between residents and faculty.

UNIVERSITY OF TENNESSEE MEDICAL CENTER

July 2013-June 2014

General Practice Residency in Dentistry

Knoxville, TN

- Presented and published a research abstract, *Etiology, detection and management of enamel hypoplasias and hypocalcifications*, at the Special Care in Dentistry Conference (April, 2014).
- Led monthly discussions centered on current, peer-reviewed articles and their clinical relevance in the practice of dentistry.
- Discussed my clinical rationale and treatment plans for patients presenting with complex dental concerns and medical considerations such as kidney failure, leukemia, and multiple sclerosis during weekly meetings with my attending doctors.
- Led a comprehensive case presentation to clinical instructors and co-residents, outlining the management of a patient undergoing implant surgeries and subsequent restorative treatment.

VIRGINIA COMMONWEALTH UNIVERSITY SCHOOL OF DENTISTRY

July 2009-May 2013

Doctor of Dental Surgery

Richmond, VA

- Teaching Assistant for Clinical Skills II (2012-2013)
 - Prepared dental students for simulations in restorative dentistry by providing feedback on tooth preparations and restorative results.
- Secretary of the Student Ethics and Professionalism Committee (2010-2011)
 - Reviewed former case decisions from the Virginia Board of Dentistry and led discussions regarding the ethical concerns presented in these cases.

VIRGINIA COMMONWEALTH UNIVERSITY

Aug. 2005-May 2009

B.S. in Anthropology, Minor in Chemistry, Magna Cum Laude

Richmond, VA

- Honors College
- Outstanding Anthropology Student of the Year, 2009
- Lead a service learning project to promote literacy and empowerment of the local Latin American community. It focused on providing classes and resources to gain proficiency in the English language.

RELEVANT EXPERIENCE

THE OHIO STATE COLLEGE OF DENTISTRY AND

July 2019-June 2020

NATIONWIDE CHILDREN'S HOSPITAL

Columbus, OH

Service Fellowship in Community-Based Dental Care

- Appointed associate dental faculty of the Ohio State University College of Dentistry (OSU).
- Taught and supervised dental students on OSU's Dental Health Outreach Mobile Experience (HOME) Coach about clinical practices in the care for the dental needs of pediatric patients.
- Provided dental care to special needs adults and children at Nationwide Children's Hospital and in federally qualified health centers.
- Worked in federally qualified health centers to promote oral health to patients of all ages.

- Attended training classes and residency seminars led by OSU College of Dentistry pediatric dental faculty.

NEIBAUER DENTAL CARE FALMOUTH

July 2016-June 2019

Associate General Dentist

Fredericksburg, VA

- Graduate of the Heartland Dental Leadership Program, gaining advanced education in endodontics, Invisalign fundamentals, treatment planning, and practice management.
- Gained proficiency in providing quadrant, restorative dentistry in a gentle manner.
- Managed and treated adult patients with multidisciplinary treatment planning (oral surgery, endodontics, fixed and removable prosthodontics).
- Using behavior management techniques, successfully treated children as young as three presenting with dental caries.
- Successfully initiated and managed over ten Invisalign adult and teen cases.
- Restored failing composite restorations in the anterior zone with ceramic fixed prostheses that provided both functionality and esthetically pleasing results.
- Organized a Free Dental Day, providing free dental services to the people of the community who were uninsured and in need of urgent dental care.

**VIRGINIA COMMONWEALTH UNIVERSITY
PEDIATRIC DENTISTRY EXTERNSHIP**

July 2018

Richmond, VA

- Shadowed at a university-based pediatric residency program.

**TEMPLE UNIVERSITY HOSPITAL
PEDIATRIC DENTAL RESIDENCY PROGRAM**

March 2018

Philadelphia, PA

- Shadowed at a hospital-based pediatric residency program.

PEDIATRIC DENTISTRY OF FREDERICKSBURG

Sep. 2017- June 2019

Fredericksburg, VA

- Shadowed Dr. Justin Edwards at a pediatric dentistry office.

SLEEP BETTER VIRGINIA/ERIKA C. MASON, D.D.S.

June 2015-July 2016

Associate General Dentist

Midlothian, VA

- Treated patients, alongside sleep physicians, with the diagnosis of obstructive sleep apnea by fitting them for a dental orthotic and evaluating their progress with the appliance during the course of treatment.
- Conducted initial screenings of children at risk for obstructive sleep apnea and educated parents of these children on the need for an ENT referral and further diagnostic testing.
- Successfully managed the treatment of a patient presenting with multiple, failed implant restorations by considering occlusal forces, type of implant restorations, and periodontal factors.
- Implemented salivary testing for periodontal pathogens, the use of dental probiotics, and use of Velscope for oral cancer screenings to provide patients a more holistic, dental medicine approach.

RICHARD H. BAIER, D.D.S.

Sep. 2014-May 2015

Associate General Dentist

Scottsville, VA

- Managed the dental care of children and adults living on well water by providing fluoride tablets, placing dental restorations, completing endodontic treatment, extracting non-restorable teeth, and educating patients on the prevention of carious lesions.
- Delivered over twenty removable dental prostheses on patients presenting with non-restorable teeth and edentulous spaces.

UNIVERSITY OF TENNESSEE MEDICAL CENTER

July 2013-June 2014

Resident Doctor

Knoxville, TN

- On-site rotations in General Anesthesia, Family Medicine, Oral Maxillofacial Surgery, and Emergency Medicine provided a strong, medical foundation for treating patients with special needs.
- Treated low-income patients presenting with high rates of dental caries and non-restorable teeth during off-site rotations at the Knox County Health Department.
- Promptly responded to dental emergencies such as dental abscesses, avulsed primary and permanent teeth in the Emergency Department. Often times, this included incision and drainage of a dental abscess and the placement of a dental splint for cases of dental trauma.
- Delivered dental care in an operating room setting for patients with physical or mental disorders including Amyotrophic lateral sclerosis, autism spectrum disorder, Down syndrome, and cerebral palsy.

VIRGINIA COMMONWEALTH UNIVERSITY SCHOOL OF DENTISTRY

July 2009-May 2013

Student Doctor

Richmond, VA

- Established and lead an outreach program to increase access to dental care among limited English proficient individuals in Richmond.
- Trained in the fundamentals of prosthodontics, endodontics, pediatric dentistry, and periodontics to provide quality care to the patients of the school.
- Provided dental care to rural communities throughout Virginia during service learning rotations.
- Gained knowledge of indirect Class II restorations (inlays and onlays) through the participation of a study club.

HASELMAN AND HUNT, D.D.S., P.C.

May 2004-Aug. 2008

Dental Assistant

Midlothian, VA

- Assisted both doctors with surgical, restorative, and periodontic procedures.
- Sterilized instruments, prepared instruments, and disinfected operatories as per OSHA guidelines.
- Emphasized dental treatment plans to patients, following the doctor's recommendations and diagnoses.

RESEARCH, PRESENTATIONS, AND PUBLICATIONS

Presentations

- "Dentigerous Cysts in a Pediatric Patient with Primary Dentition Following Placement of Distal Shoe Space Maintainer: A Case Report"
 - Research Symposium at the Surgical Institute of Geisinger Medical Center, May 2021
 - American Academy of Pediatric Dentistry Annual Meeting, May 2021
- "Etiology, detection, and management of enamel hypoplasias and hypocalcifications"
 - Special Care in Dentistry Association Annual Meeting, March 2014

PROFESSIONAL CERTIFICATIONS, MEMBERSHIPS, AND ORGANIZATIONS

Professional Certifications

- Diplomate (American Board of Pediatric Dentistry)
- Laser Certification (Academy of Laser Dentistry)
- Invisalign Certified

Memberships and Organizations

- Women in Science, Dentistry, and Medicine 2023-Current
- American Dental Education Association 2023-Current
- American Academy of Pediatric Dentistry 2019-Current
 - Participant in AAPD Lobby Day (2021, 2022, 2023)
- Academy of General Dentistry 2013-Current
 - Over 400 continuing education hours completed
- Special Care in Dentistry Association 2020-Current
- Academy of Laser Dentistry 2019-2020
- American Academy of Oral Systemic Health 2015-2016
- Manhattan Study Club (Knoxville, TN) 2013-2014

COMMUNITY OUTREACH

- Special Olympics of Virginia
 - Richmond, Virginia June 2023
- Give Kids a Smile
 - Richmond, Virginia March 2023
- Free Dental Day
 - Leesburg, Virginia Aug. 2018
 - Fredericksburg, Virginia May 2017
- Remote Area Medical Care
 - Knoxville, Tennessee Feb. 2014
 - Clinton, Tennessee Sep. 2013

PROFESSIONAL LICENSES

- **State of Ohio**
No. 30.025788
- **Commonwealth of Pennsylvania**
No. DS042632
- **Commonwealth of Virginia**
No. 0401414076