



UAMS[®]

University of Arkansas for Medical Sciences

GENERAL PRACTICE RESIDENCY

2022-2023

UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES (UAMS)



HOSPITAL INFORMATION

- Comprehensive Academic Health Center
- Arkansas' only adult Level 1 Trauma Center
- 10,000 Employees
 - 1,300 Physicians
 - 9 Dentists
- 5,200,000+ sq. ft.



DIFFERENT INSTITUTES

- Donald W. Reynolds Institute on Aging
- Jackson T. Stephens Spine & Neurosciences Institute
- Harvey & Bernice Jones Eye Institute
- Myeloma Institute for Research & Therapy
- Psychiatric Research Institute
- Winthrop P. Rockefeller Cancer Institute
- Translational Research Institute

DELTA DENTAL OF ARKANSAS FOUNDATION ORAL HEALTH CLINIC

- Faculty
 - Dr. Ashley McMillan – GPR Director
 - Dr. Sarah Hardin – GPR Assistant Director
 - Dr. Dana Bodenner – Assistant Professor
- Adjunct Faculty – too many to name!
- Holly Johnson – Residency Coordinator
- Residents (Up to 6 total positions)
- Rotating Students - Pulaski Technical College Dental Assisting School



What is a General Practice Residency?

- A General Practice Residency (GPR) “is designed for advanced clinical and didactic training in general dentistry with intensive hospital experience at the postdoctoral level.” * (ADA website)
- The UAMS GPR provides advanced didactic training and clinical experience in endodontics, periodontics, prosthodontics, implantology, pediatrics, and oral surgery.

- Our program emphasizes providing comprehensive general dentistry on patients with complex medical histories and provides care to clinical patients, hospital inpatients, and outpatient surgery patients.



CENTER FOR DENTAL EDUCATION MISSION

To improve the oral health of Arkansas and others in the region, nation, and world through excellence in teaching, patient care, research, and service.



UAMS RESIDENCY GOALS

- To provide care for a variety of patients including special needs and the medically compromised.
- To function effectively and efficiently in multiple health care environments within interdisciplinary health care teams in a hospital setting.
- To increase knowledge and skill beyond the pre-doctoral level and enhance evidence-based decision making and foster life-long learning into professional practice.
- To understand the oral health needs of communities and engage in community service.



UAMS GPR

- The UAMS GPR is a one year, hospital-based program that emphasizes providing comprehensive dental care for patients with complex medical histories. An optional second year available if an existing resident desires to pursue additional hospital and OR based dental training.
- The majority of the resident's time is spent in the UAMS Oral Health Clinic. A private practice environment is maintained throughout the program to assist you in the transition from academics to "real world dentistry." You will have your own operatory, assistant, and patient pool.
- Residents will complete several rotations through UAMS and Arkansas Children's Hospital, in addition to volunteering at the UAMS 12th Street Clinic and Harmony Health Clinic.
- Residents will receive a Post Graduate Certificate upon completion



HOUSE STAFF CONDITIONS & BENEFITS

- Pre-employment drug screen
 - Background Check
- | | |
|---|-----------------------|
| • Vacation Days | 14 days |
| • Holidays | 12 days |
| • Sick Days | 14 days |
| • Stipend (2023-2024) | \$55,356 |
| • Liability coverage | \$500,000/\$1,500,000 |
| • Loan Forbearance (or PSLF) | |
| • Medical, Dental, Life Insurance | |
| • Counseling and Employee Health Services | |





GPR ASSIGNMENTS

- Hospital/Clinical Rotations
- 12th Street Health and Wellness Clinic and Harmony Health Clinic
- Endodontic Course
- Implant Course
- Weekly didactic lectures
- Monthly Journal Club / Patient Care Conferences
- Monthly Advanced Treatment Planning Conference

CLINIC OPERATORY

11 - Dental Operatories

4 - Hygiene Operatories



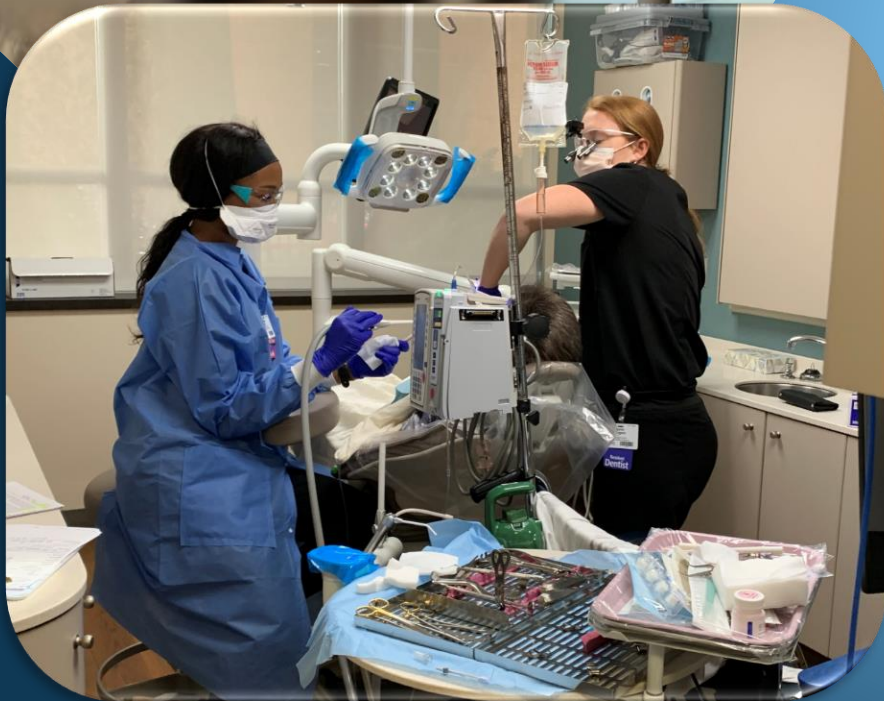
CLINIC LAB



UAMS ORAL HEALTH CLINIC PATIENT POPULATION



- Dental Clearance patients
 - Head and neck radiation therapy
 - Chemotherapy
 - Stem cell transplant/Bone marrow transplant
 - Organ transplant (liver, kidney)
 - Cardiovascular surgery
- UAMS Employees, physicians, nurses, etc.
- Patients who receive all of their medical care through the UAMS system and prefer their dental care be provided there as well.
- AR State Hospital Patients
- Patients from the community



ROTATIONS

Arkansas Children's Hospital (ACH) Pedo, OMFS, Perio (3 weeks)

- Provide comprehensive and emergency treatment to pediatric and special needs patients primarily in ACH Outpatient Surgery
- Assist and provide care alongside our faculty at ACH: 3 orthodontists, 1 periodontist, 2 pediatric dentists, 2 general dentists, and 2 oral surgeons
- Common procedures (OMFS) include 3rd molar removal, LeFort osteotomies, removal of bony and soft tissue pathology, grafting for cleft lip and palate, implant placement. Common procedures (Pedo) include stainless steel crowns, pulpotomies, extractions, and full mouth rehabilitations on children and special needs patients. Common procedures (Perio) include gingivectomies, frenectomies, and periodontal procedures in conjunction with orthodontic treatment.



ROTATIONS

Anesthesiology (UAMS) – 2 weeks

- Pre-operative patient evaluation, intraoperative patient monitoring.
- Venipuncture, airway management, anesthetic induction and intubation
- Evaluation, prevention, treatment of anesthetic emergencies



Otolaryngology (UAMS) – 2 weeks

- Shadow ENT faculty and residents
- Observe and participate in outpatient surgery procedures in the ENT clinic and operating room.
- Shadow in the Head and Neck cancer clinic and observe patients undergoing multidisciplinary management for head and neck cancer
- Shadow in the facial pain clinic.



ROTATIONS

Emergency Medicine (UAMS) – 1 week

- Recognize/triage medical emergencies in the UAMS Hospital Emergency Room. UAMS is the only Level 1 Trauma center in the state.
- Work alongside an Emergency Medicine physician
- Perform history and physicals and learn common procedures and medications administered in medical emergencies



12TH STREET AND HARMONY HEALTH CLINICS

Opportunities to volunteer and give back to the community

UAMS 12th Street Health & Wellness Clinic

- UAMS interprofessional health clinic (medical exams, nutrition, pharmacy, dental hygiene, and dental) open on Wednesday evenings
- Primarily an extraction clinic



Harmony Health Clinic

- Volunteer clinic, open daily in downtown Little Rock
- Purpose is to provide dental services to underserved populations and engage in community service.

DIDACTIC LECTURE SERIES

- Lectures are given by Adjunct faculty and dentists in the community
- Lectures are focused on topics beyond the level of dental school, many of which are tips/tricks the lecturers have picked up along the way.

TMD and
Facial Pain

Ortho for
General
Dentist

Bone Grafting
and Implant
Placement

Occlusion

Perio
Techniques

Endodontic
Emergencies



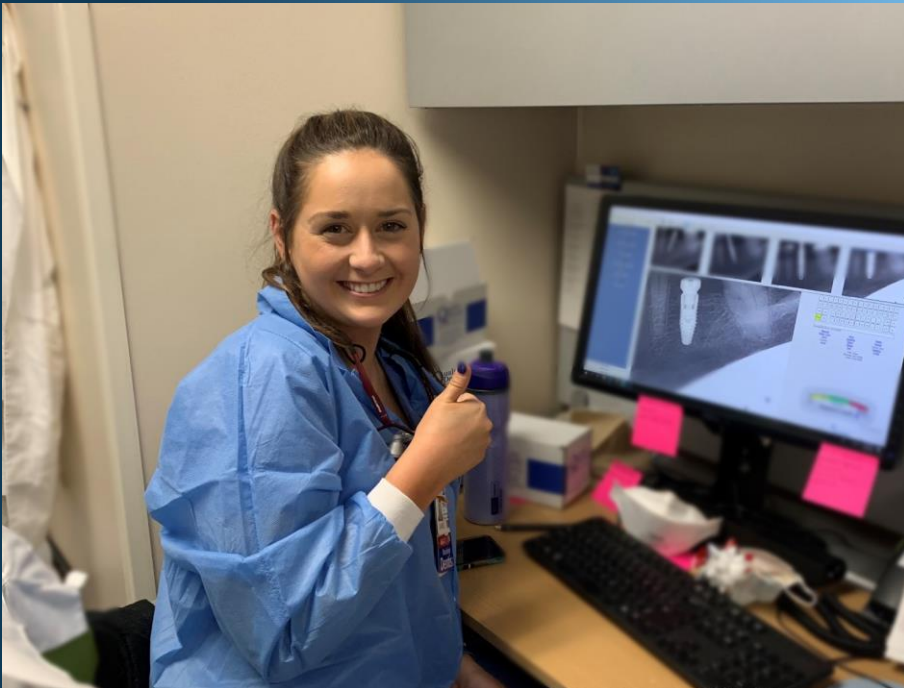
JOURNAL CLUB/PATIENT CARE CONFERENCE ADVANCED TREATMENT PLANNING

- Journal Club and Patient Care Conference occurs every other month. Residents will alternate presenting a scientific article and patient case they're in the process of treating.
- These conferences will prepare the resident for the end of year Final Presentation.
- Advanced Treatment Planning Conference is held every other month. All residents will prepare and present a complex patient case (models, radiographs, and photos) they've encountered in clinic. Discussion regarding treatment planning and execution is facilitated by Clinical and Adjunct Faculty.

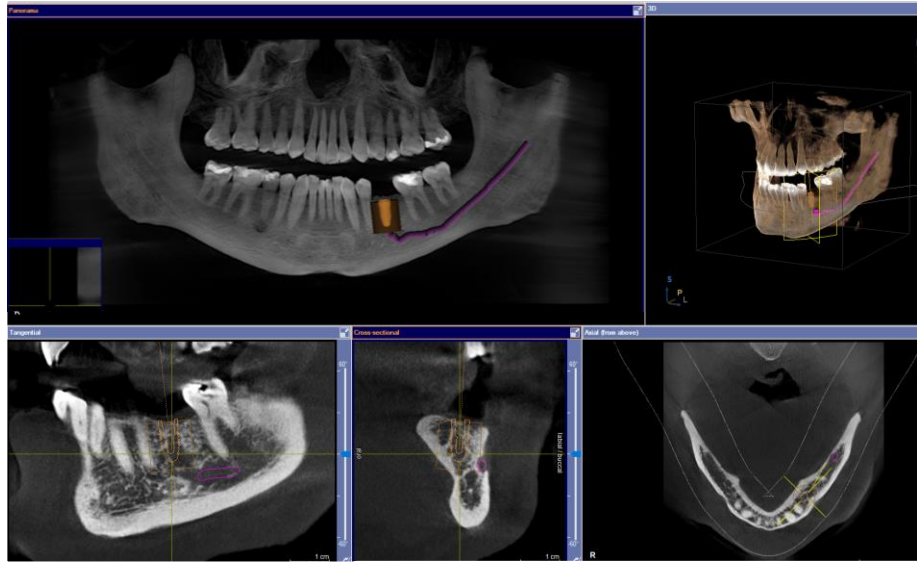


IMPLANT PLACEMENT COURSE

- Multi-lecture implant course, taught by ACH periodontist Dr. Don Callan, which includes indications and contraindications of implant placement, bone grafting, placement techniques.
- Hands on implant restoration and implant placement courses with Nobel Biocare rep Grant Wynne.
- Clinical implant placement is facilitated by clinical faculty and adjunct faculty.
- Nobel Biocare Implant Grant
 - Nobel Biocare provides funding for **each resident to place 10 implants at no cost to the patient** (cases can be guided).
 - Patients' only cost is the implant restoration.
 - CBCT aided implant placement planning with Nobel Biocare representative



Implant Placement Course



ENDODONTIC COURSE

- Work under the instruction of our endodontist, Dr. Ken Pearson, on designated “endo days.”
- Learn how to utilize and interpret CBCT images for endodontic treatment.
- Access to an endodontic microscope for difficult cases



Resident Experience Ozark Prosthodontics

~ Fayetteville and Little Rock, AR

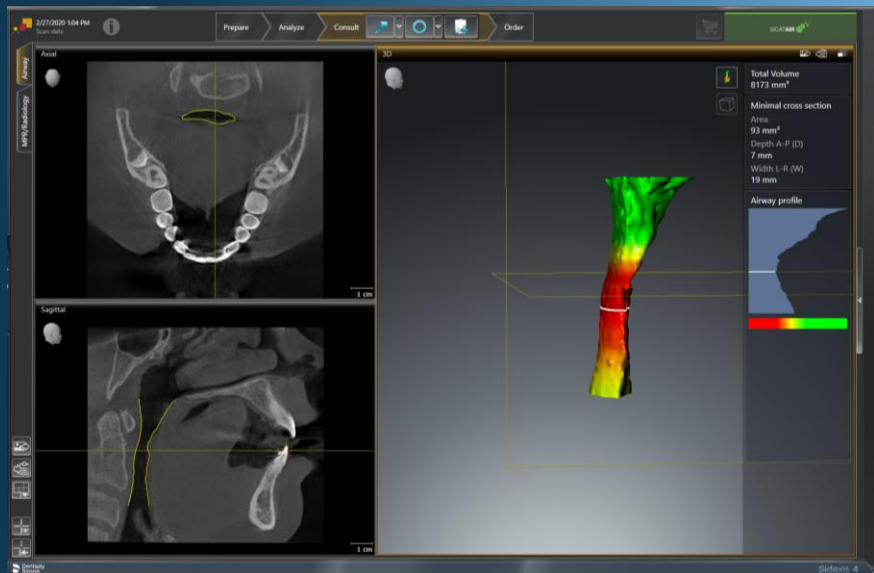
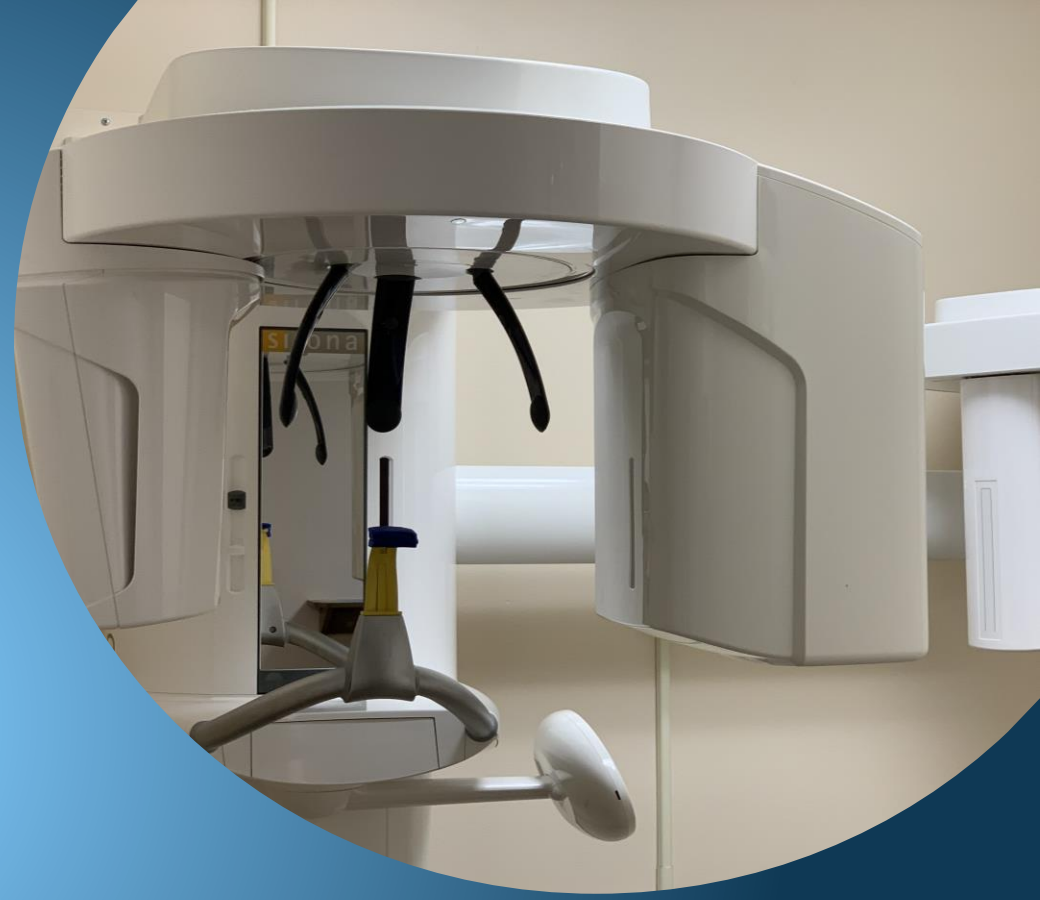
- Four-day experience takes place in a private ambulatory surgery center in Northwest Arkansas
- Residents will get exposure to complex prosthetic rehabilitation of craniofacial anomalies including cleft lip and palate, ectodermal dysplasia, amelogenesis imperfecta, etc. in addition to post head/neck radiation and chemo rehabilitation and maxillofacial trauma rehabilitation
- Center uses cutting-edge technology and employs software engineers to design prosthetics and surgical guides.
- All providers are prosthodontic specialists employing IV sedation with CRNAs for cases, allowing resident to enhance their anesthesia experience, in addition to their prosthodontic experience and surgical experience. They also bill 90% medical insurance based on the patient diagnosis allowing residents to see a completely different practice model of medical dentistry



CLINICAL EQUIPMENT

Cone Beam Computed Tomography CBCT

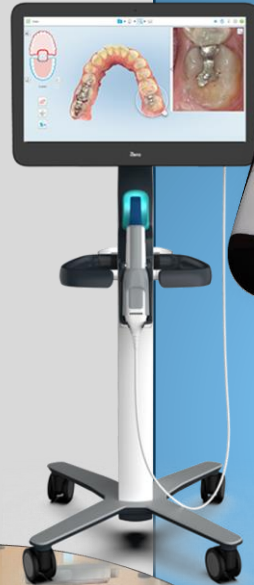
- Implant Planning
- Endo
- Pathology/Anatomy



CLINICAL EQUIPMENT

iTero® Scanner

- Indirect Restorations
- Sleep Appliances
- Nightguards
- Invisalign Treatment



CLINICAL EQUIPMENT

SprintRay® 3D Printer

- Surgical Guides
- 3D Printed Models
- Nightguards



CLINICAL EQUIPMENT

Cerec Machine and Milling Unit

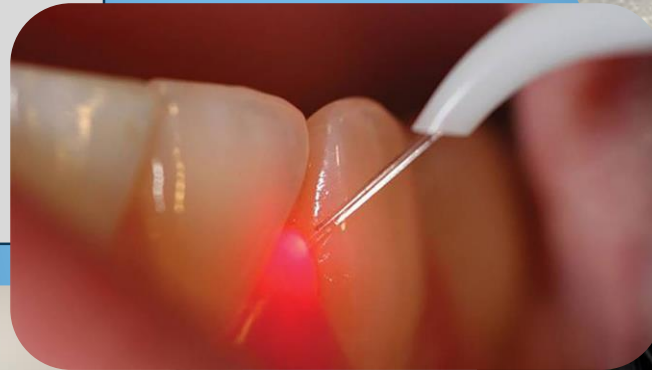
- Materials
 - Cerasmart
 - EMAX
- Option of intraoral or model scanning



CLINICAL EQUIPMENT

SOL Diode Laser

- Deep Caries Restorations
- Final Impressions
- Frenectomies



FORMER RESIDENTS – WHERE ARE THEY NOW?

Of the 31 Program Completers, we currently have :

- 1 – GPR Program Director
- 1 – GPR Assistant Director (Past ACH full time dentist after GPR)
- 1 – GPR Clinical Director (Past ACH full time dentist after GPR)
- 4 – GPR Full Time Faculty
- 1 – GPR Adjunct Clinical Faculty Member
- 2 – Pediatric Dentists (Both past ACH full time dentists after GPR)
- 1 – Pediatric Resident
- 1 – Endodontist – served as adjunct faculty prior to specialty residency
- 1 – Oral Surgery Resident (Past ACH full time dentist after GPR)
- 5 – Hospital dentists
- 2 – FQHC dentists
- 2 – NHSC Scholars

We also have a 100% acceptance rate of UAMS resident alumni into specialty programs!



FORMER RESIDENTS – WHAT HAVE THEY DONE?

- 2 – Academy of General Dentistry Fellows (AGD)
- 1 – AGD State Board President
- 1 – Central District Dental Society (CDDS) President
- 2 – AGD State Board Members
- 1 – Recognized by Arkansas State Dental Association as the New Dentist of the Year
- 1 – CDDS Secretary/Treasurer





FORMER RESIDENTS- TESTIMONIES

"I believe I have had more experiences and learned more in this GPR than I ever could in a private practice setting. The variety of cases we see here is huge and that has given me more experiences in a shorter amount of time which has made me a much better clinician. I could not imagine where I would be without this program, and I am honored I was able to be a part of it."

"I had a sweet patient in a nursing home who has a complex medical history and trouble lifting his head. I pulled one tooth and applied SDF on others. I definitely wouldn't have felt confident enough to see that patient if I didn't do the residency."

"I have a group text chat with friends. They'll text with questions or tips on things that seem so basic—like how to stop excessive post op bleeding. I can rattle off 5-10 options off the top of my head. I couldn't have done that before this GPR—and that seems like such a basic thing we should know."

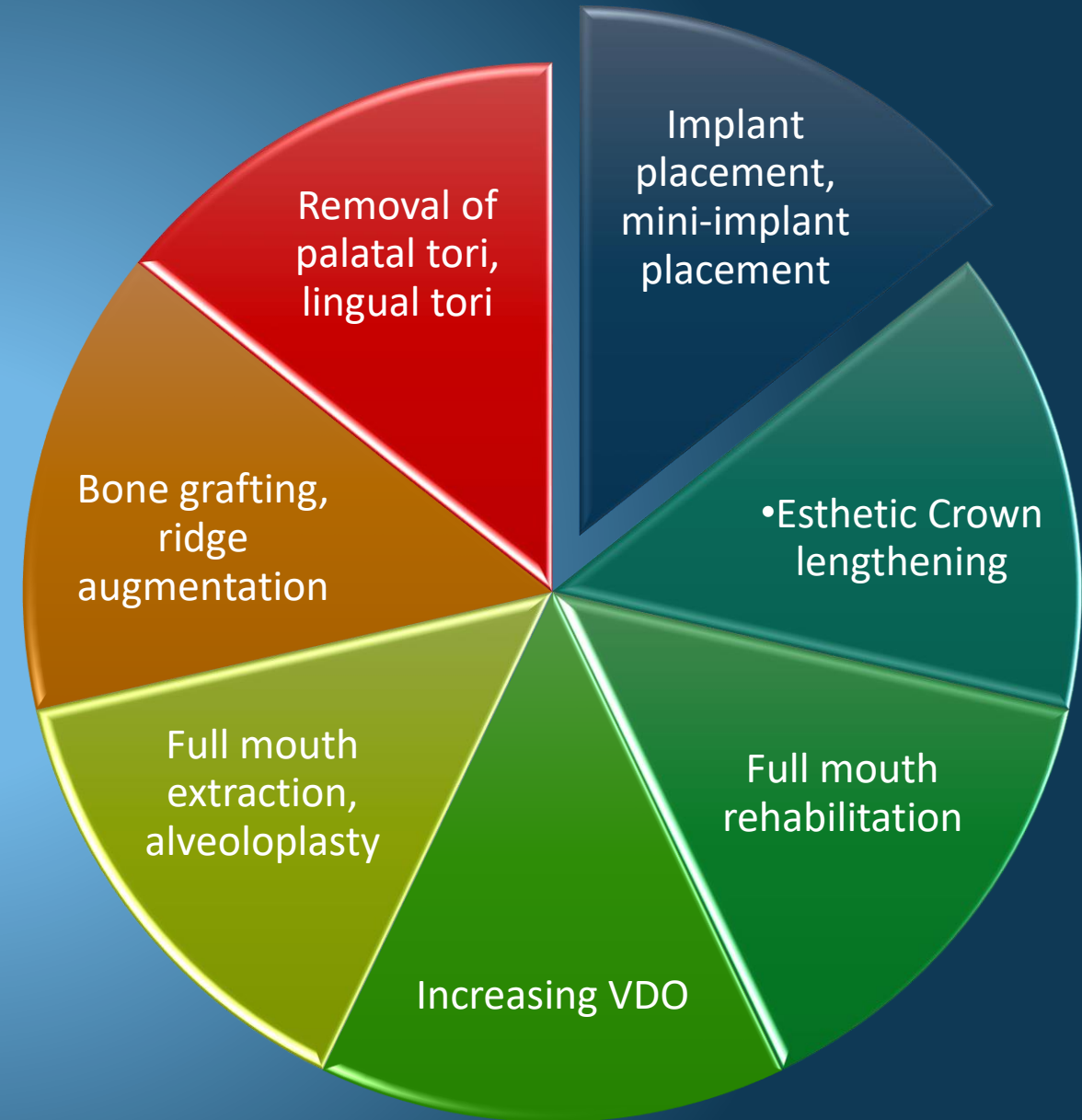
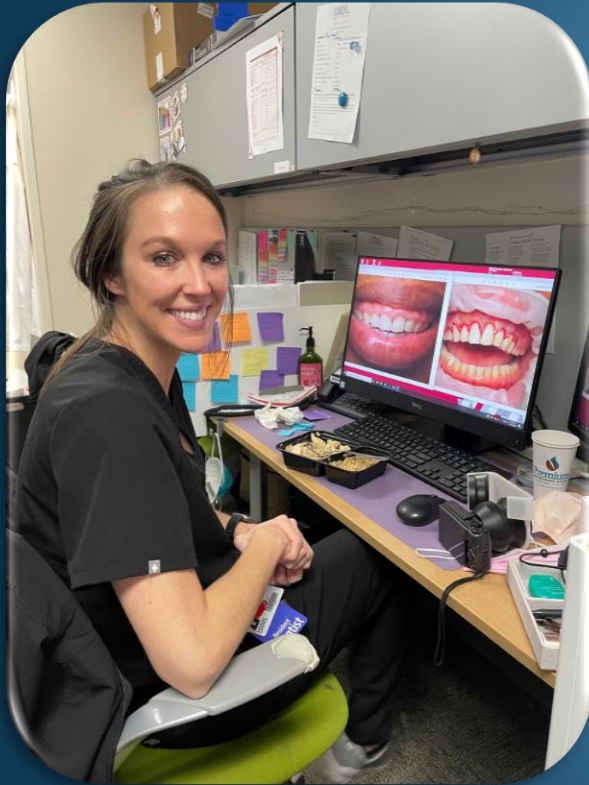


FORMER RESIDENTS- TESTIMONIES

"Entering residency, I was sufficient in slowly treating the bread-and-butter cases that we had commonly seen in dental school. Today I am able to tell possible future employers about the confidence I have not only in treatment planning/treating more complex patients on my own, but also of the procedures I now have experience doing that goes far beyond what most dentists at my age, and in general, are doing."

"In all seriousness, how could this residency not change someone? The number of things you are exposed to: squamous cell carcinoma in the oral cavity-learning how to make someone functional again after oral cancer treatment, very complex medical histories, full mouth extractions, full arch rehabilitation, implant placement, advanced bony surgeries, the efficiency to complete quadrant dentistry, the list here could go on. These are not things you are equipped to do coming right out of dental school."

RESIDENT EXPERIENCES



RESIDENT EXPERIENCES



Esthetic and functional Botox

Implant Placement



Suturing Lab



Sleep Dentistry

ORGANIZED DENTISTRY



Past and current residents at the AR Young Dentists Social with Natalia Hodge, President of the Young Dentists Association and the Central District Dental Society. (2019)



Residents at an Academy of General Dentistry CE course at Oaklawn (2020)



Residents and Faculty with AR Governor Asa Hutchinson at a fundraiser (AR State Dental Association headquarters, 2018).

ORGANIZED DENTISTRY



Annual UAMS Resident dinner, hosted by the AR State Dental Association leadership



2023 Spring ASDA Meeting



2021 Fall ASDA Meeting



Central District Dental Society meeting with presenter Dr. Naif Sinada



2023 AGD Oaklawn CE Course

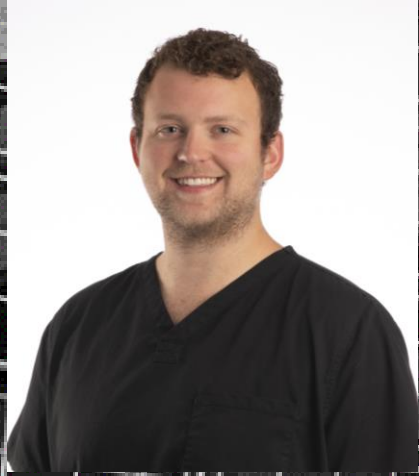
WORK HARD, HAVE FUN



SOCIAL EVENTS



CURRENT RESIDENTS



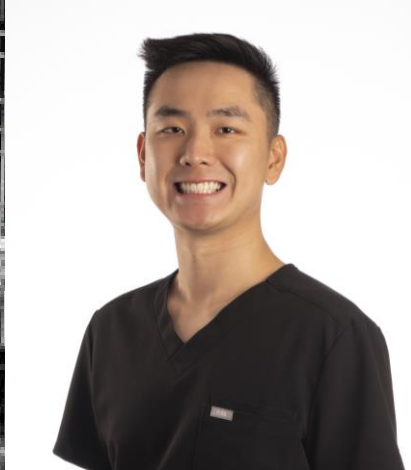
DR. ABBOTT



DR. HUESKE



DR. MEHAFFY



DR. GUO



DR. MALDONADO

EXCITING THINGS TO COME!

Additional iTeros???

"Just did my first maxillary second molar endo. Couldn't have done this without residency!...I feel so prepared! I've done 25+ endos...and some implant cases...Did 70k production in August."

"They got a consult referral from a doctor's office for a patient about to go on bisphosphonates and they were like what are we supposed to do with this...I said don't worry I got it."

- Dr Brandon Gervasi, Residency Class of 2022

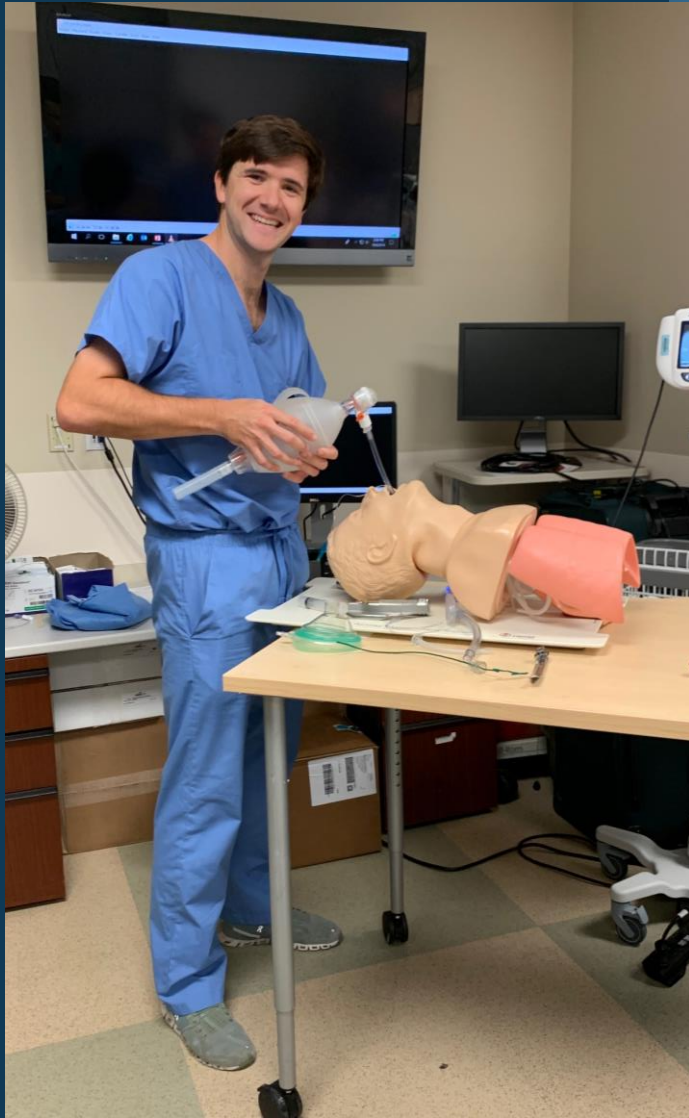
"Every year I feel like the outgoing class is jealous of the incoming class. I think that's a testimony to the program getting better and better every year!"

*- Dr. Julie Nessler,
Residency Class of 2021*

"Since last July, I have experienced and been exposed to more in this residency program than some dentists experience throughout an entire career."

- Dr. Chelsie Alsup, Residency Class of 2022

Requirements Prior to Program Start Date



- ✓ Licensable by the state of Arkansas
- ✓ Successful completion of NBDE Part II or INBDE
- ✓ Current BLS certification
- ✓ COVID Vaccination

For more information regarding the
GPR Program, please contact:

Holly Johnson, BS

Education Coordinator

HAJohnson2@uams.edu

<https://www.adea.org/PASSapp/applicants/>

2023 Interviews – Friday, October 6th

Little Rock, Arkansas



