

Endodontics News 2019



André Mickel, DDS, MSD, '91, '94

From the Chairman André Mickel, DDS, MSD '91, '94

I begin by inviting all alumni and friends of the Department of Endodontics to visit the recently

completed Health Education Campus that is home to the new CWRU Dental Clinic. Everyone who has experienced it firsthand has been filled with an enormous sense of pride. And while this outstanding facility certainly reflects the excellence that is the hallmark of our school, there are still aspirations to fulfill.

For the Endodontic Clinic to be deemed state-of-the-art by every measure, I am asking for your continued generosity so that we can complete the **Endodontic Surgical Microscope Initiative** that is almost halfway to its \$390,000 goal. To purchase thirteen surgical microscopes to ensure that our residents can continue to train on cutting-edge technology, we need your support—a *contribution in any amount will make a difference*. For those wishing to make a leadership gift, a pledge to underwrite the cost of one microscope (\$30,000) can be fulfilled over a five-year period.

There has never been a more opportune time to invest in our collective reputation—this is the equity we create together. My vision is that our department alumni giving will reach 100%, whether you contribute to the Microscope Initiative or join the Molar Club (see page four) for the first time, or do both. For those who have already donated, I extend my sincere appreciation.

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A Note from the Dean Kenneth B. Chance, DDS '79



I extend greetings to the alumni and friends of the Department of Endodontics from the new Health Education Campus. As I sit in my office in the Samson Pavilion (that we share with the schools of medicine and nursing), I have a full view of

our new Dental Clinic as I look north across Chester Avenue. With our outstanding facilities completed and occupied, I know that many of us are just beginning to fully appreciate the magnitude of what we have accomplished together.

Now begins the true challenge of doing our important work in collaboration with our healthcare peers. Simply put, this is not just a change of venue, but a transformation in our approach to our profession. As I write this, CWRU has announced the appointment of Dr. Tyler Reimschisel as founding associate provost for interprofessional education, research, and collaborative practice. He brings a compelling vision for advancing interprofessional education across the health sciences and we welcome him.

My charge to each of the dental school departments is to find ways to enhance cross-disciplinary opportunities. If prevention is at the forefront of healthcare, then dental medicine is well positioned for a leadership role. We are teachers first, and it is in our power to guide our undergraduates, residents, and colleagues in viewing the future through this holistic lens.

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SCHOOL OF DENTAL MEDICINE
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Welcome New Residents & Fellow

Residents



Mona Adams, DDS, MS received her DDS degree in 2004 from the University of Gothenburg, Institute of Odontology, in Sweden. Prior to moving to the United States, she was in private practice in Sweden and the UK. In 2005, she joined the Eastman Institute of Oral Health at the University of Rochester Medical Center where she completed the AEGD program before going into private practice in Virginia. In 2017, Dr. Adams received her Master of Science degree from the UCLA School of Dentistry. She enjoys reading classic literature and keeping active by running every day.



Iman Attar, BDS graduated from Al-Mustansiriya University (Iraq) in 2009 and then practiced as a general dentist for a few years in Iraq and Mexico. At CWRU, she completed a one-year internship in oral medicine and one-year fellowship in endodontics before becoming a resident.



Moeen Al Weshah, BDS, MS received his dental degree from the University of Jordan. Prior to joining the endodontic program at CWRU, he earned his Master of Science degree in endodontics from the University of Manchester in the UK. Prior to coming to CWRU, he had the opportunity to visit and became interested in both teaching methods and patient management. He considers himself very fortunate to be a resident in the program.



William E. Smith, DDS received his BS in biology from Alabama A&M University and DDS from Meharry Medical College School of Dentistry. Upon graduation, he was commissioned with the United States Army and served three years of active duty with Fort Sill's DENTAC. He currently serves as a Captain in the Army Reserves located in Twinsburg, OH. When time permits, he enjoys traveling, singing, and trying new and exciting activities. He is extremely excited about expanding his clinical and didactic experiences at CWRU.

Fellow



Xingyu Duan, DMD has aspired to be an endodontist since undergraduate school, leading him to pursue his endodontic master's and doctoral education at the West China School of Stomatology, Sichuan University, and now at CWRU. He notes that the CWRU Endodontics Program has a good sense of team spirit that allows everyone's talents to flourish by providing an environment that develops residents and fellows both personally and professionally, and exposes them to a well-rounded endodontics experience. He believes that this opportunity will help him "to cure sometimes, to relieve often, and to comfort always."

From the Chairman continued

In closing, I congratulate our recent graduates who will take our fine reputation to new places, welcome our highly qualified new residents, and acknowledge our dedicated faculty. I know you will enjoy reading about

our colleague Dr. Ronald Taylor who exemplifies the best of our profession. In our continuing spirit of family and comradery, let me hear from you with your latest news: andre.mickel@case.edu.

Graduate Student Poster Presentations:

Professionals Day (March 2019, School of Dental Medicine) and AAE (April 2019, Montreal)

RESIDENTS - CLASS OF 2019

Waleed Almutairi

The Validity of Pulp Tests in Crowned Teeth: A Clinical Study. To date the accuracy of bridging dental instruments to facilitate the EPT (Electric Pulp Test) has not been thoroughly investigated as a method to examine the sensibility of crowned teeth. The aim of this study was to evaluate the sensitivity and specificity of the bridging EPT in comparison to the cold test on crowned teeth indicated for nonsurgical root canal treatment (NSRCT).

Alvaro Rodriguez

The Effect of Crown Lengthening on the Outcome of Endodontically Treated Teeth: 10-Year Survival Analysis. The purpose of this study was to investigate the effect of crown lengthening procedure (CL) on the long-term survival rate (5 and 10 years) of endodontically treated teeth (ETT). Permanent posterior teeth with opposing dentition that received an adequate non-surgical root canal treatment (NSRCT) and a full-coverage crown between January 1, 2006 and January 1, 2016 were included.

Qian Wang

The Effects of Non-surgical Endodontic Therapy on HbA1c and Periapical Index in Patients with Type 2 Diabetes. The present study was designed as a cohort study, with the objective to investigate the effects of NSRCT and root canal retreatment (Retx) on glycemic control (HbA1c level) in patients with Type 2 diabetes (T2DM).

Ghaeth H Yassen

Failed Cases of Endodontic Regeneration Procedures Reported in the Literature: An Evaluation of Intra Operative and Post-Operative Variables. Regenerative endodontics is a preferred treatment in cases of immature teeth with pulpal necrosis. The aim of this study was to analyze failed cases of regenerative endodontic treatment reported in the literature and identify variables associated with these failed cases.

RESIDENTS - CLASS OF 2020

Jennifer Barrord

An Evaluation of Preoperative Variables and Etiology in Failed Endodontic Regeneration Cases Reported in the Literature. Successful outcomes of regenerative

endodontic treatment (RET) have been extensively reported and reviewed in endodontic literature. The objective of this study was to review reported cases of failed RET in order to evaluate preoperative variables and etiology.

Kerolos Elsayed

Bibliometric Analysis of the Top 100 Most Cited Articles in Endodontics in the Last Half Century. The aim of this study was to conduct the most up to date comprehensive search of the 100 most cited articles in the endodontic literature and to analyze the level of evidence and current research trends in endodontics.

Jenna Gaw

The Effect of Crown Lengthening on the Outcome of Endodontically Treated Teeth. An inadequate crown root ratio following crown lengthening may jeopardize the overall periodontal support, thereby affecting its long-term survival. Practitioners should be thorough in the pre-treatment assessment of the crown to root ratio, which is critical for the long-term survival of endodontically treated teeth.

Alexis Herring

An Assessment of the Disinfection Protocol of Failed Regenerative Endodontic Procedures. To ensure a successful outcome of regenerative endodontic procedures (REPs), an evidence-based disinfection protocol has been recommended. The aim of this study was to compare the disinfection protocol of failed cases of REPs reported in the literature and the current disinfection protocol recommended by the AAE.

FELLOW - CLASS OF 2019

Iman Attar

Profound Anesthesia in Endodontics. Effective local anesthesia is the bedrock of pain control in dentistry. Regardless of the clinician's skills, both treatment and patient management are difficult or impossible to deliver without effective pain control. The discussion included some of the misunderstood ideas and methods about inferior alveolar nerve block and local and supplemental infiltration. The goal was to help practitioners to achieve profound successful pulpal anesthesia with the focus on anesthetizing the mandibular teeth (the most common clinical problem).

Recent Endo Graduates



Dr. Mickel and graduates

Waleed Almutairi, BDS has taken an academic position at Qassim University, Saudi Arabia, where he is also in the faculty endodontics practice. He is also enjoying time with his family.

Alvaro Rodrigues, DDS is now in a private endodontic practice in Fort Worth, Texas. He is very proud to be a CWRU graduate and appreciates all that Dr. Mickel, the faculty, CWRU and city of Cleveland offered him.

Qian Wang, BDS, DMD, MSD, DScD is staying in Ohio to practice as an associate in private practice and serve as a CWRU volunteer faculty member in the Endodontic Clinic.

Ghaeth H. Yassen, BDS, MSD, PhD visited his family in Iraq before starting as a fulltime associate in a private practice in Washington state.

JOIN THE MOLAR CLUB

Make an annual donation that **equals the cost of one root canal** to become a member of the Molar Club, comprised of dedicated alumni and friends who are invested in ensuring the excellence of the Department of Endodontics. **We have a proud tradition at both the School of Dental Medicine and our department: our graduates provide a helping hand to those who follow them.**

To join the Molar Club, go to giving.case.edu/dental. For more information please contact the Office of Development and Alumni Relations at 216.368.3480 or dentalalum@case.edu.



The individual operatories for each resident in the new Endodontics Clinic allow for patient privacy and an enhanced learning environment. Your support for our department, combined with this outstanding new facility, will ensure that our program maintains its top-ranked reputation.

Alumni Spotlight

Ronald C. Taylor, DDS, MSD '99



Over the past two decades, Dr. Ronald Taylor has been an endodontist and entrepreneur in equal measure. With a thriving practice that includes seven locations in Maryland, Washington, D.C., and most recently the Philadelphia area, RCT Endodontics is a brand with both equity and

momentum. The mission to save natural teeth (and to do it as painlessly as possible) always remains at the center of Dr. Taylor's focus.

"People are placing a high value on keeping their teeth," observes Dr. Taylor. "Millennials, for example, are very well informed—they do their research and understand the advantage."

The Bronx-born Dr. Taylor received his BA from the State University of New York at Stony Brook and then enrolled in dental school at the University of Maryland. Before earning his DDS degree in 1996, he did an externship at the University of Dundee (Scotland). He returned to New York in 1997 for his General Practice Residency at The Bronx-Lebanon Hospital Center and in 1999 completed his endodontic specialty training at CWRU.

"It was very satisfying to have Dr. Taylor as a student and I am proud of him," notes Dr. André Mickel, who was the program director at that time. "He was always a talented clinician who clearly had the ingenuity to be a successful entrepreneur."

In addition to his robust practice, Dr. Taylor serves as an associate professor at the Howard University College of Dentistry and as a clinical assistant professor at the University of Maryland School of Dentistry. He has been a mock board examiner for endodontic residents in the U.S. Navy Post Graduate Endodontic Residency Program, the Medical College of Virginia, Boston University, and the University of



CWRU student Alexis Herring visits with Dr. and Mrs. Taylor in Washington, D.C.

Maryland. A diplomate of the American Board of Endodontics, he was appointed to serve as a mentor to board-eligible endodontists.

While meeting the challenge of managing the multiple locations of his practice—which now has 14 endodontists—Dr. Taylor still enjoys seeing patients three days a week at the Silver Spring and Bowie, Maryland offices. The remaining days are dedicated to administration and refining his business model to facilitate the integration of the recently acquired Springfield Endodontics (Greater Philadelphia) and Painless Root Canal Specialists (Washington, D.C.).

"I had a really great experience at CWRU—the faculty gave me all of the tools to be the best endodontist I could possibly be. I am grateful that they were invested in my future," adds Dr. Taylor.

Dr. Taylor and his wife, Chalissa Taylor, live in Crownsville, Maryland (near Annapolis) and are the parents to two sophomores: a daughter in college and son in high school.



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Join Us at the AAE 2020 Annual Meeting



For more information about the CWRU reception in Nashville, contact Sara Fields, Director of Alumni Relations at 216.368.3924 or sara.fields@case.edu.