PULP NON-FICTION
THE UNC-CH STUDENT RESEARCH GROUP BI-ANNUAL NEWSLETTER

Dear Readers,

Welcome to the inaugural edition of Pulp Non-Fiction, the UNC-CH Student Research Group’s bi-annual newsletter. This publication aims to explore and highlight the innovative and diverse research initiatives of our extraordinary dental students and faculty and to keep our readers up-to-date on the local and national efforts of the Student Research Group. We hope to showcase the multidimensionality of dental research and its potential applications to further encourage student involvement in dental, oral and craniofacial research.

Thank you for reading,

Danielle K. Burgess, Editor in Chief
PRESIDENTS’ ADDRESS

The Student Research Group (SRG) was established to facilitate, support and advocate for research-related activities at UNC-CH School of Dentistry. As co-presidents, our goal is to enhance the personal and professional development of our budding clinicians, researchers and academicians by encouraging collaborative evidence-based dentistry, advocating for resources and research opportunities for our members and rewarding our students for their creativity and commitment to dental research. 2018 has been a remarkable year for the UNC-CH SRG chapter, and we owe a heartfelt thank you to our faculty and students for their support and dedication. As a team, we have achieved a record number of student memberships totaling 62 members with approximately 48% actively participating in research, and upwards of 30% are registered AADR members. Our objectives for the year are to continue to grow our organization by engaging more residents and faculty in our mission and to establish a mentorship program for undergraduate students considering dentistry. We are exceedingly proud of our members for all their hard work and for making our local SRG an exciting and successful organization. We look forward to another phenomenal year of learning and growing with our SRG family!

Sincerely,

Dani Fox and Danielle Burgess
The 47th Annual Meeting of the American Association of Dental Research (AADR) and the 42nd Annual Meeting of the Canadian Association of Dental Research (CADR) took place in Fort Lauderdale, Florida, this past March. UNC-CH students, residents and faculty happily left chilly North Carolina behind for a few days of scholarship and networking under the Florida sun. The annual session provides a platform for scientists and researchers from across the world to showcase their body of work and to engage in meaningful discussions and debates with fellow investigators. More than 2,700 individuals from 39 countries were in attendance, including 14 UNC-CH SRG members, many of whom presented their research during poster sessions and competitions. The meeting hosted 1,316 poster presentations, 317 oral presentations, 41 exhibitions booths, 24 symposia, 18 lunch & learns and 5 hands-on workshops. Each student engaged in a unique set of experiences that enhanced their perspectives as future dental professionals. After jam-packed days of exploring dentistry, students enjoyed evening receptions, NSRG socials and the south Florida night life with peers from across the world. The 2019 IADR/AADR meeting will be held in Vancouver, BC, Canada; abstract submission form is currently available at https://www.iadr.org/2019IAGS/Abstract-Instructions and will close on January 14th, 2019, at 11:59pm PT.

“Presenting at the AADR conference was an invaluable learning experience that allowed me to present my research project to researchers and professionals in the field of dentistry at an international scale. It was extremely rewarding to be able to share our team’s research findings and receive valuable insights from experts from all around the world. Attending the conference also exposed me to a diverse range of cutting-edge dental research projects through attending poster presentation sessions and symposiums. I was also able to meet and network with dental students and faculty from all over the country, which was an incredible source for personal and professional development.” – Dani Fox, DDS 2020

“I had an amazing time at the AADR in Ft. Lauderdale. I presented my research for the first time on a national level and learned from others presenting on the same topic. Not only was I able to meet dental students from all over the nation, but I was also able to network with leaders in dentistry. Because of this, I was able to meet the president of SCADA and the president of NDA, all in one day. I also had the opportunity of going to a mixer where I learned more about paths to academia. I look forward to next year in Vancouver!” – Donna Thomas, DDS 2019
“Every conference shares a wildly different experience based on the venue. Typically, they are full of intellectually engaging conversations amongst your peers throughout the day and share a more laid back vibe by night. This past year at the 47th annual AADR in Ft. Lauderdale, I was invited to represent dental students at the Practice Based Research Network’s annual symposium and had an absolute blast. We spoke about current issues within the healthcare/dental world with a panel of multidisciplinary professionals. If you plan on putting in the work to complete research and put together a poster to go, you will not regret it! Some of my favorite times in dental school so far.” – Rahim Zalal, DDS 2019

“My favorite thing about the general session was observing how professionals interact and network. I witnessed several collaborations blossom between individuals who had not previously met but simply have read each other’s works. It was pretty cool to witness such blending of ideas to further mobilize dental health care. Additionally, there are a variety of oral sessions, lunch & learns and brilliant speakers to satisfy a wide range of interests. I especially appreciated the student based NSRG events and evening receptions!” – Danielle Burgess, DDS 2020

Danielle represented UNC-CH in the Student Competition for Advancing Dental Research and its Application (SCADA) and was among 61 student researchers from across the nation to be inducted into the SCADA Global Organization.

“I have attended AADR/IADR for four years now and have enjoyed every experience I have had at these conferences. From meeting and learning from distinguished researchers and faculty to building relationships with other students through National student research group events this is the place to make lifelong connections and to initiate collaborations! Plus, it is always fun to travel with friends to a new place and present what you have been working so hard on in your personal research career!” – Shannyn Holder-Little, DDS 2019

“My favorite part of AADR was networking with students, faculty, and industry representatives from across the nation at the NSRG and conference events - both on the schedule and not. In fact, one of the projects we presented this year was borne of discussions at IADR 2017. It’s always a bit awe-inspiring to walk through the hundreds of posters in the exhibition hall and see that so many people around the country and world are working to further our shared understanding of dentistry and oral health. It also did not hurt that there were many great places to eat and sunbathe close by.” – Rahim Zalal, DDS 2019
The 35th annual UNC-CH School of Dentistry Research Day, formerly Dental Research in Review Day (DRRD) will be held on Wednesday, February 6, 2019. Abstract submissions are due on January 14th, 2019 by 11:59pm.

Research Day is an opportunity to showcase the oral health sciences research accomplished by our students, faculty, staff, scholars and postdocs. During the day research abstracts are presented as posters and short talks. Presenters are selected for competitions for various awards including the NCAADR Derek T. Turner Student Research Award, SRG James W. Bawden Student Research Award and AADR Student Research Day Award; each provides a monetary prize for travel to the next AADR meeting. In addition, students are selected as recipients of the Student Competition for Advancing Dental Research Award (SCADA), Hinman Student Research Symposium and Colgate Dental Students' Conference on Research.

The day is punctuated by a plenary talk from a prominent oral health researcher. For 2019, Dr. Mary Marazita, Director of the Center for Craniofacial and Dental Genetics, Professor and Vice Chair of the Department of Oral Biology in the University of Pittsburgh School of Dental Medicine will be the keynote speaker. Dr. Marazita’s research focuses on the human genetics of complex traits, primarily facial birth defects (cleft lip, cleft palate and other craniofacial anomalies), and oral disease (such as caries, malocclusion and periodontal disease).

Finally, there will be several faculty-led lunch & learn sessions Register here (by February 4th 2019), and workshops as well as a vendor show. For more information and updates please visit https://www.dentistry.unc.edu/research/drrd/.
ADVOCACY DAY ON CAPITOL HILL RECAP

The American Association of Dental Research (AADR) and the Friends of National Institute of Dental and Craniofacial Research (FNIDCR) have collaborated annually to host an advocacy event where dental students, faculty, patient advocates and other professionals within the dental community gather in Washington D.C. to address federal policymakers about the importance of oral, dental and craniofacial research and why the federal legislature should continue to include funding for institutions such as the NIH and NIDCR. SRG members have travelled to Capitol Hill for the past two years to lobby alongside students across the nation on behalf of dental research. Their day began with morning sessions aimed at briefing the advocated on key issues and a message training to ensure that meetings proceed successfully. The afternoon sessions were dedicated to “Hill visits” where our advocates had the opportunity to meet with congressional staff and members of congress.

AADR/FNIDCR’s Advocacy Day is held during “appropriations season:” the time of year where policymakers deliberate on decisions for the upcoming fiscal year. The combined efforts of Advocacy Day along with the larger supporting dental community have contributed to an increase of the NIH funding by $3 billion in the 2018 fiscal year and by $2 billion in the 2018 fiscal year. Students can refer to Government Affairs & Science Policy Blog and the NSRG newsletter to stay up-to-date on dental and craniofacial news from Washington. Additionally, the AADR circulates action alerts that members can use to communicate with their elected officials. Students can access more information and register for the 2019 Advocacy Day by visiting AADR/FNICDR Advocacy Day. Completed registration forms are due on January 25th, 2019. We look forward to seeing our student advocates on Capitol Hill on February 26th 2019!

“What an awesome experience! Not only did I get a taste of advocacy on the Hill, but I got to meet great people from across the country and forge relationships that I keep up with even now, months later...”

- Rahim Zalal, DDS 2019

“... I would say that the greatest benefit of attending advocacy day is the ability to experience and engage in the legislative process in a real and meaningful way.”

– Lindsey Horan, MA
Assistant Director of Government Affairs, IADR/AADR
STUDENT FACULTY MIXER

Each semester the Student Research Group hosts the Student Faculty Mixer, an event designed to showcase some of the outstanding research efforts of our faculty members and to provide opportunities for students interested in research to network with potential faculty mentors. Our fall mixer took place on October 10th, 2018; the meeting began with lunch provided by the Office of Oral and Craniofacial Health Sciences followed by presentations. Faculty were challenged to utilize creatively a single PowerPoint slide to summarize their ongoing research projects in a four-minute talk. The session consisted of 12 faculty presentations covering an array of topics from the disciplines of periodontics, orthodontics, prosthodontics, endodontics, dental ecology, oral surgery, pediatric and operative dentistry.

Presentations were followed by a brief question and answer session after which faculty and students mingled and engaged in casual conversations regarding research, academia and mentorship. This event was well-attended by students and faculty alike, and several student-faculty collaborations blossomed as a result. We are looking forward to learning more about these projects on Research Day.

In addition to another Student Faculty Mixer in the spring of 2019, we plan to host a Student Resident Mixer to jump start our Resident-PreDoc Mentorship program which will pair residents from different specialties with pre-doctoral students interested in learning more about residency tracks.

“It was a great opportunity to learn about the exciting dental research occurring at the School of Dentistry! I was even able to meet up with one of the faculty members to discuss potential research projects.
– Annie Clark, DDS 2022
SRG Member
DISTINGUISHED SPEAKER SERIES:

“Educational Leadership”

“…Be at peace! Very difficult as a dental student; peace is not a word that most people associated with dental education. It is difficult, it’s challenging, we torture you guys, we beat you up, but you have to be at peace with this process, what you’re committed to, the interactions with your classmates and the interactions with your faculty…” Words of encouragement from our very own Dean De Rossi floated across a room of attentive SRG and ADEA members in the week preceding semester finals. Our bi-annual Distinguished Speaker Series took place on November 30th, 2018; the topic of discussion was Educational Leadership. The Dean reflected on his aspirations to become the Dean of a dental school and the quality of change one can effect at that level. He further discussed his experience in academia and research and how he believes research contributes to the vision of our dental school. The Dean challenged our members to move beyond excellence, to make a difference and to get more people excited and engaged in research. He spoke of research not only in the context of clinical applications and improving the quality of dental care, but also in the context of interdisciplinary collaborations to support overall patient health and also as an instrument to create job opportunities. Our student members enquired about requisite qualifications for entering academia and opportunities to become adjunct clinical faculty post-graduation. The Dean’s talk was extraordinarily insightful and necessary; his words left our students feeling inspired and motivated. The meeting concluded with the Dean’s keys to success: Make a Difference, Be Worthy, Exert Control, Be at Peace and Practice Love.

Featuring: Dean Scott S. De Rossi

“…Dean De Rossi’s presentation came at the perfect time! He is very passionate about research, academia and the importance of teaching. It is very motivating to hear stories like his and his vision for our dental program.”

–Ana Murillo, DDS 2020
SRG Member, HDA Co-President
2018 DDS SHORT-TERM RESEARCH FELLOWSHIP RECIPIENTS

The School of Dentistry, the Dental Foundation of North Carolina, the Grover C. Hunter Research Fund, the Dora Lee and John C. Brauer Dental Research Fund and the Office of the Associate Dean sponsor fellowship awards to promote DDS student research involvement through individual projects under the direction of faculty members. Fellowship recipients receive a $1500 student award, $400 travel award to national/international meetings and $500 payable to mentors to offset research expenses. This year, there was a record number of applications, and the following SRG members were awarded fellowships for their meritorious research proposals. Congratulations students!

Danielle K. Burgess, DDS 2020
“Herpesviruses and Periodontitis in HIV populations.”
Mentor: Dr. Jennifer Webster-Cyriaque

Shawn Dua, DDS 2022
“Novel Interprofessional Virtual Clinic for JIA Patients”
Mentor: Dr. Nigel Shaun Matthews

Dani Y. Fox, DDS 2020
“Dental Fracture Detection Using High Advanced Image Analysis”
Mentor: Dr. Asma Khan

Babak Yousefi, DDS 2022
“microRNA Profiles in a Rodent Model of Pulpitis.”
Mentor: Dr. Asma Khan

Ryan T. Gross, DDS 2019
“YouTube: Peer Tutoring in Dental Education”
Mentor: Dr. Tate Jackson

Marla O’Neal, DDS 2021
“Clinical Outcomes of Permanent Teeth Treated with SDF”
Mentor: Dr. Ricardo Walter

Hannah Randall, DDS 2020
“Dental Fracture Detection using Advanced Image Analysis.”
Mentor: Dr. Andre Mol

Nathan J. Yip, DDS 2020
“Association of Endodontic Infections and Type 2 Diabetes”
Mentor: Dr. Ashraf Fouad

Shawn Dua, DDS 2022
“Association of Endodontic Infections and Type 2 Diabetes”
Mentor: Dr. Asma Khan
STUDENT ACADEMIA & RESEARCH INTEREST GROUP (SARG)

A subgroup to targeting future URM academics and researchers

Proposed & Written by Dr. Jennifer Webster-Cyriaque DDS, PhD

The pipeline of underrepresented dental faculty and researchers in the U.S. is small. Given the changing demographic it is increasingly important to ensure succession planning for the field. The development of the Student Academia and Research Interest Group (SARG) is proposed as a subgroup for all Student National Dental Association (SNDA), Student Hispanic Dental Association (HDA) and Student Society of American Indian Dentist (SAID) groups. Each of these national student groups is comprised of student oral health professionals dedicated to promoting and improving the oral health of underrepresented people of color. The objective is to target representative student groups that are largely populated by underrepresented people of color and create subgroups that provide targeted exposures and mentorship related to careers in academia and in research. The success of SARG subgroups would be a collaborative effort between each parent/student organization (NDA, HDA, SAID), the AADR Committee on Inclusion and Diversity (CID) and ADEA. It would require implementation at the chapter level across the dental schools. There could be SARG targeted webinars broadcast nationally bimonthly focused on a successful academic/researcher from different settings followed by question and answer. We propose multi-level mentorship. This will allow the growth of relationships. Mentor groups will be formed (locally or regionally) based on research/specialty interest. Mentorship could also include a big brother/sister program with a person who is training to be a specialist or a post-doc, an individual not too far away from their graduate degree. This will require inter-agency interaction:

1. SARG may be able to leverage the NICDR research mentoring program.
2. AADR CID can facilitate programing.
3. ADEA could be instrumental to logistics/infrastructure development.
4. NDA/HDA/SAID will be important to program dissemination.

Dr. Webster-Cyriaque hopes to launch a pilot organization here at UNC-CH, in near future.

“My experience in research has shown me that there is definitely a lack of diversity in the field. Launching an initiative that encourages under-represented minorities more involved in research and academia is a valuable and necessary contribution to dental research as a whole.”

– Desi Matthews, DDS 2020
SRG Member
UNC-CH Welcomes: The ADEA Chapter

This year, a group of students and faculty set out to establish an official American Dental Education Association (ADEA) Chapter within our school of dentistry. The chapter was successfully launched during the fall semester, and we sat down with the student president, Monica Kim to learn more about the organization.

Q: What is ADEA?
A: “ADEA’s mission is to lead institutions and individuals in the dental education community to address contemporary issues influencing education, research and the delivery of oral health care for the overall health and safety of the public.”

Q: What is the objective for the UNC-CH ADEA Chapter?
A: “To strengthen a pipeline of future dental academicians, fostering a strong comradery among faculty and near-peers for a career in academia, influencing the future of dental education both within the school and beyond.... There is no one way to go about being a part of dental education and to share our knowledge with not only students but with each other.”

Q: What has been your favorite experience with ADEA thus far?
A: “Meeting other folks who are interested in education. So many diverse perspectives add to my understanding what student and faculty concerns are and help widen how we make our experiences collectively better...”

Q: Why should Students get involved in ADEA?
A: “ADEA is a unique body as it’s directly tied to how we educate with current pedagogical models and constantly assess and re-evaluate what the face of dentistry should look like in the future. While our chapter is a student run group, we also have the benefit of getting an inside look into what our professors and administrators do for the school. We have a special relationship with our professors, and it can open up a lot of opportunities for learning and potential career evaluation.

Q: What are some events/activities that ADEA has planned for this school year?
A: We have a spring speaker series for those who are interested in a career in academia. No two journeys look alike, so we’re hoping to capture at least a few different speakers at each event so students can learn that there is no mold for how one can join dental education. It’s going to be engaging and motivational!!
LGBdenTQIA+ hosts:
SAFE ZONE TRAINING

On February 11th, 2019, the LGBdenTQIA+ organization will host a Safe Zone Training event for the school of dentistry with expert Dr. April S. Callis, Ph.D. This event will serve to educate our students, faculty and staff on the spectrum of gender identity and gender expression in order to create a safe and supportive network of allies who are knowledgeable on how to appropriately and respectfully communicate with members of the LGBTQIA+ community. The session will be open to all members of the dental community and held in collaboration with our local Student Research Group. SRG has compiled a list of relevant articles and resources that will be distributed at the event to provide supplemental information and further guidance on how to support and address pressing issues within the LGBTQIA+ community.

We chatted with the President of LGBdenTQIA+ Tia Joyce, DDS 2021, to learn more about LGBdenTQIA+. Tia describes the organization’s objectives: “We intend to be an organization that will serve, educate and affirm queer individuals in an effort to promote better health outcomes. This organization is important because visibility matters. In a field strongly dominated by a historically standard demographic of people, we wanted to create a place where anyone who felt like they were left along the periphery, the LGBTQIA+ community in particular, could feel like they had a place at the table of dentistry.”

The LGBdenTQIA+ organization works in partnership with the UNC-CH LGBT center, as well as with the Gender Sexuality Alliance at a local high school, to provide mentorship, support, resources and a listening ear to young queer and trans individuals. The organization is currently fine-tuning plans to establish a bi-monthly student-run dental clinic to provide free dental care for, but not limited to, queer, gender non-conforming and transgender individuals in need. “[Currently] our biggest challenge is securing adequately equipped facility and funds to jump start the clinic,” says Austin Harbison, LGBdenTQIA+ Vice President. The organization hopes to gain support from established dental professionals to help fund and promote this important and necessary initiative.

In the upcoming semesters LGBdenTQIA will be hosting a series of lunch & learns to continue the conversation about experiences and challenges unique to queer and trans individuals. “...Our hope is to raise awareness for LGBTQIA+ rights and issues in our community,” Austin adds, “...in raising awareness, we hope to better prepare the UNC-CH School of Dentistry to properly serve LGBTQIA+ populations in a professional, respectful and safe manner.”

LGBTQIA+: lesbian, gay, bi-sexual, transgender, queer/genderqueer/questioning, intersex, agender/asexual/ally.
INTERPROFESSIONAL EDUCATION

An interview with Dr. Kate Ciarrocca, DMD, MSEd

Inter-professional education (IPE) is defined as, “learning from, with, and about two or more professions.” (WHO 2010). The aim is to produce collaborative practice-ready clinicians across all health professions, who can deliver the highest quality of care. By working together, communicating and collaborating, we can accomplish the quadruple aim: improve health outcomes, enhance patient experience, lower costs and improve wellness of health care providers.

“My vision for the UNC-CH School of Dentistry is to have interprofessional education and practice as an integral part of the educational experience throughout all four years. The hope is that we graduate oral health care professionals who are equipped with the tools to collaborate across professions with the ultimate goal of improving the health of our patients,” Dr. Kate Ciarrocca, DMD, MSEd, Director of Interprofessional Education and Practice at UNC-CH explains. Since arriving at our school in 2017 Dr. Ciarrocca has worked to creatively engage the student body in interprofessional education and has advocated for the establishment of the IPE student interest group led by Anne Dorsey, DDS 2020 and SRG member Sara Liebkemann, DH 2019. “[There] is nothing but positive feedback from students who participate in IPE activities. Working with students from other professions not only improves their education but also encourages mutual respect and understanding of each team member’s roles and responsibilities.”

“There are multiple voluntary opportunities throughout the academic year to learn in an interprofessional setting.” Dr. Ciarrocca continues, “Some examples: teaching medical students head & neck/oral exam during their GI Block, nursing and dental hygiene students learning together about oral ramifications of cancer treatment, teaching audiology students a basic head & neck exam and they taught our students a basic ear exam, and social determinants of health course through the RIPHI grant.”

For students interested in learning more or getting a first-hand introduction to IPE, the UNC-CH IPE Student Group is planning “Debunk the Junk,” which will be a monthly event hosted by different IPEP schools. The inaugural event will be hosted by the School of Dentistry on January 24th, 2019; students from different schools will come together in interprofessional groups with faculty facilitators to de-bunk the myths associated with their professions. Contact Jadesola Giwa, DDS 2021, for more information.
REMEMBERING:
Dr. Steven Offenbacher & Dr. William R. Proffit

This year our dental family mourned the passing of two of the most beloved, distinguished and influential leaders to have ever walked the hallways of our dental school. Dr. Steven Offenbacher and Dr. William R. Proffit were pioneers in the fields of periodontology and orthodontics respectively. Their monumental contributions to the field of dentistry have had national and international reach, but to the students here at Chapel Hill, they were our teachers and our mentors who inspired us as budding dentists. Though their absence will leave an undeniable void, we choose to celebrate the rich legacy they have afforded us; their masterful works will continue to influence dental research and patient care for decades to come. We are truly thankful for their contribution to our dental education. Dr. Offenbacher and Dr. Proffit will greatly be missed.

Dr. Steven Offenbacher, DDS, PhD, MMSc. W.R. Kenan Distinguished Professor and former Chair of the UNC-CH School of Dentistry Department of Periodontology. “In his field and across oral health, it is no exaggeration to say that Dr. Offenbacher’s name was synonymous with periodontology. He was truly a giant; and as much of a giant as he was in periodontology, his heart was bigger. He was larger than life in all aspects: his scholarship, his patient care, his laugh and, most important, his heart. Here in Chapel Hill, we had the opportunity to know Dr. Offenbacher as a colleague, a mentor, a trusted advisor and a friend. While oral health across the world will greatly feel his loss, it goes without saying that those of us who spent our workdays alongside him certainly have a greater loss in his passing.”

– Dean Scott De Rossi DMD, MBA.

Dr. William R. Proffit, DDS, PhD. W.R. Kenan Distinguished Professor, former Chair of the UNC-CH School of Dentistry Department of Orthodontics. “Dr. Proffit’s incredible expertise and unprecedented influence on orthodontics not only in the United States but around the world earned him global recognition as one of the leaders in orthodontics. He was an innovative and compassionate leader who took orthodontics at UNC and around the world to a new level. To say that the global dental community has lost a significant influence would be an understatement, but there is no way to understate the loss our school is feeling in the wake of this news.”

– Dean Scott De Rossi DMD, MBA.
AN UPDATE ON A FEW OF OUR MEMBER’S RESEARCH EFFORTS!

Stephanie Companioni, DDS 2020
Sports Dentistry Founder & President
Preparedness level of middle and high school athletic trainers in the state of North Carolina in immediately managing dental and orofacial injuries.
Mentor: Dr. Ibrahim Duqum

Sarah Liebkemann, DH 2019
Class President, DH 2019
Perceptions and Attitudes of Dental Hygiene Students Toward Interactive Virtual Games (IVGs)
Mentor: Prof. Beth Kornegay

Michael Davis, DDS 2020
SNDA President
The Effects of Silver Diamine Fluoride on Future Care of Early Childhood Caries
Mentor: Dr. Beau Meyer

Trevor Oliverson, DDS 2022
A Strategy to Reduce Opioid Drug Prescribing by Clinicians
Mentor: Dr. Raymond White

Justin Groody, DDS 2020
ASDA Co-President
Preparedness level of middle and high school athletic trainers in the state of North Carolina in immediately managing dental and orofacial injuries.
Mentor: Dr. Ibrahim Duqum

Blaine Radley, DDS 2021
SNDA CAARE Clinic Head Coordinator
Management of Traumatically Luxated Permanent Teeth: A Retrospective Study
Mentor: Dr. Ivette Landrian

Adam Hoxie, DDS 2021
Caries Activity Detection Reliability: A Comparison of ICDAS, QLF-D, and Calcivis Technology
Mentor: Dr. Apoena Ribeiro

Ian Stewart, DDS 2021
Stationary Intraoral Tomosynthesis and Digital LED Transillumination in the Detection of Proximal Caries
Mentor: Dr. Angela Broome

Lily Huang, DDS 2020
Antibacterial efficacy and discoloration potential of novel topical endodontic antimicrobial agents.
Mentor: Dr. Ashraf Fouad

Kristal Tucker, DDS 2020
Sports Dentistry Treasurer
Comparing success rates of 4 sedation regimens to complete dental treatment in children less than 6 years old.
Mentor: Dr. Beau Meyer

Meagan Inclan, DDS 2019
Pre-doctoral Special Healthcare Needs Education: Lost in a Crowded Curriculum.
Mentor: Dr. Beau Meyer

Hayley Vatcher, DDS 2020
Treatment-aligned concordance of clinical impression and histological diagnoses in oral mucosa biopsies
Mentor: Dr. Ricardo Padilla
Thank you for reading!!