

# 35th Annual Symposium on General Dentistry

June 29-July 5, 2020



Presented by The **Dental College of Georgia Continuing Education**  
at Augusta University at the King and Prince Beach Resort, St. Simons  
Island, Georgia



AUGUSTA UNIVERSITY  
**DENTAL COLLEGE  
OF GEORGIA**

## WEEK-AT-A-GLANCE

**Monday:** Trends in Restorative Dental Education - Cardiovascular Health Issues, Management and Emergency Protocols - COVID-19 and the Impact on Dental Education  
**Tuesday:** Dental Management of Patients with Diabetes and Renal Disease  
Pharmacology Update for Today's Dental Practice - Update on Medical Treatment Options for Sleep Apnea  
**Wednesday:** Update on HPV and the Dentist's Role in Prevention - Dental Management of Patients with Gastrointestinal and Liver Disease - Clinical Guidelines for Practicing Dentists in the COVID-19 Era  
**Thursday:** Immediate Implant Placement & Restoration for Long Term Esthetic Success  
**Friday:** Integrated Digital Workflow and CAD/CAM Implant Prostheses - Pulp Therapy in Primary and Young Permanent Teeth - Light-Curing Unit Use in Dental Practice  
**Saturday:** Troubleshooting Stainless Steel Crown Adaptations - Dental Implants in the Esthetic Zone - Endo-crown Reliability: A Systematic Review of the Literature  
**Sunday:** Adversities with Foreign Objects - Maintenance Considerations for Esthetic Dental Restorations

## PURPOSE

The Augusta University Symposium on General Dentistry offers the practicing dentist a comprehensive array of useful information in a structured, condensed format presented by speakers that were selected for their expertise in the subject matter.

The purpose is to provide CE courses and credit for oral healthcare providers.

Open registration makes it possible to customize your schedule with our half-day format that provides ample opportunity to learn and relax at the beach. Dentists are encouraged to bring staff members to the course to enhance the transfer of new and applicable information from the course to the office.

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## COURSE FACULTY

**Kevin B. Frazier, DMD, EdS; Course Director**, Vice Dean and Professor of Restorative Sciences with the Dental College of Georgia (DCG) at Augusta University. He received his DMD and General Practice Residency training at the University of Florida. He teaches clinical restorative dentistry, maintains an intramural general dental practice and conducts research in restorative materials and dental education. He is a member of the Executive Council of the Consortium of Operative Dentistry Educators, the Academy of Operative Dentistry, and the ADA Council on Scientific Affairs.

**Fadi Al Farawati, DDS, MS, MClintDent, MFDS RCSEd**; Assistant Professor of Restorative Sciences with the DCG at Augusta University. He earned his DDS from the Damascus University, Syria, a MClintDent (Masters in Clinical Dentistry) in Periodontology from the University of London and he was accepted into the faculty of dental surgery at the Royal College of Surgeons of Edinburgh, UK and the Royal College of Physicians and Surgeons of Glasgow, UK. He entered the graduate Prosthodontics program at the University of Florida, earning an MS after which he accepted a faculty appointment at the DCG. He teaches Prosthodontics, Implants, and Esthetic Restorative dentistry in the pre-doctoral and advanced dental education residency programs. His research interests include implants with an emphasis on wound healing and regenerative therapy.

**Scarlet Charmelo Silva, DDS**; Assistant Professor of Oral Medicine in the DCG department of Oral Biology and Diagnostic Sciences at Augusta University. She earned her dental degree from the Universidad de Carabobo in Venezuela, fulfilled a two-year advanced education program in Oral Pathology and Oral Surgery at the Pontifical Xavierian University in Bogota, Colombia, and completed residency training in Oral Medicine at the University of Pennsylvania Hospital. She teaches oral medicine subjects in pre-doctoral and post-graduate programs and maintains a busy oral medicine practice.

**Michael E. Pruett, DMD**; Assistant Professor of Restorative Sciences and the Director of Continuing Education for the Dental College of Georgia. Prior to this, he served as Director of the General Practice Residency Program at The DCG for 21 years. He received his DMD from the DCG, and then completed a two-year GPR at the University of Virginia. Upon completion, he became the Director of Dentistry at Mount Sinai Hospital in Hartford, CT, and served as the Assistant Program Director of the GPR at Saint Francis Hospital and Medical Center. He has placed and restored dental implants for the last 28 years and maintains an active practice in the DCG. He is the co-director of the AU / American Academy of Implant Dentistry Maxi-Course and several other AU hands-on CE courses. Dr. Pruett lectures nationally and internationally on a variety of topics. He is an Associate Fellow in the American Academy of Implant Dentistry and a Diplomate in the International Congress of Oral Implantologists. Dr. Pruett was the 2013 recipient of the Distinguished Alumnus Award for The DCG and the recipient of the Prestigious Hinman Medallion in 2018.

**Bruce Riggs, DMD, MPH**; Associate Professor in the Department of Pediatric Dentistry with the DCG at Augusta University. He received his DMD from the University of Kentucky and completed a pediatric dentistry residency at the University of Florida/ Shands Hospital. He received an MPH from Augusta University with a focus in Health Management in 2017. Dr. Riggs is a Diplomate of the American Board of Pediatric Dentistry and he had a private practice in Pediatric Dentistry in Marietta, Georgia for 28 years prior to joining the DCG in 2014.

**Kaitlyn F. Strickland, MD**; NIH Funded T32 Research Resident, Johns Hopkins University Department of Otolaryngology-Head and Neck Surgery, Baltimore, MD. Dr. Strickland earned a BS in Biomedical Engineering with from The Georgia Institute of Technology. Following graduation, she worked for three years as an Associate Consultant with Bain and Company, Inc., a global management-consulting firm. She earned her MD from the Emory University School of Medicine with High Honors in 2017 prior to starting her ENT residency at Hopkins. Her research and clinical practice interests include Quality Improvement and Neurotology.

## SPECIAL NEEDS

The Dental College of Georgia Continuing Education complies with the Americans with Disabilities Act. If you require special services, facilities or dietary considerations (vegetarian or otherwise) to support your participation in this continuing education program, contact the conference coordinator at 706-721-1447 or 706-721-1420..

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## June 29-July 5, 2020

**Monday, June 29, 2020 (1:00 – 5:15 p.m.) 4.25 hours**

**12:45 p.m. Welcome and Introduction to the Course – Dr. Frazier (.25 hr)**  
**1:00 p.m. Dental Education Update: Survey of North American Dental Schools – Dr. Frazier (1.75 hr)**

A summary of the Fall 2019 CODE annual survey of North American Dental Schools will be presented. Topics- restorative skills assessments, student educational challenges in pre-clinic and clinic, protocols for managing at-risk caries patients, caries removal philosophies, dental materials used, the Integrated National Dental Board Exam, and patient supply for student clinic.

**2:45 p.m. BREAK (.15 min.)**

**3:00 p.m. Cardiovascular Health Issues, Management & Emergency Protocols – Dr. Charmelo (1.25 hr)**

Dentate patients are living longer with chronic medical conditions that require careful management in consultation with their other healthcare providers. This presentation will provide a summary of common cardiovascular (CV) health issues, associated medical treatment regimens, and recommendations for dental management; including CV emergencies.

**4:15 p.m. COVID-19 and the Impact on Dental Education - Dr. Frazier (1 hr)**

The COVID-19 pandemic has far-reaching effects on our way of life, including and especially healthcare and health education. Dental educational challenges are among the most significant and unique in higher education because dental curricula include didactic, pre-clinical simulation and clinical experiences. Furthermore, dental schools are directly and uniquely responsible for the management of their clinics and the safety of their clinical staff and patients. This presentation will provide a summary of dental education's response to the pandemic.

**Tuesday June 30, 2020 (8:00 a.m. – 12:15 p.m.) 4 hours**

**8:00 a.m. Dental Management of Patients with Diabetes and Renal Disease – Dr. Charmelo 1.25 hr**

Diabetes and Renal Diseases are among the most common chronic conditions being managed in our healthcare system. These patients present unique challenges to dentists due to their complications with healing, drug dosage and clearance, and other compromised treatment responses directly related to their health issues. This presentation will provide a summary of the most significant medical issues and recommendations for managing their dental treatment.

**9:15 a.m.**

**9:30 a.m.**

**BREAK (15 min.)**

**Pharmacology Update for Today's Dental Practice – Dr. Pruett (1.75 hr)**

A review of new and commonly used drugs in dental practice will be presented with an emphasis on therapeutic categories, dosages, and patient-specific instructions. This presentation will emphasize recognition of new drugs, strategies for patient management related to their drug therapy, and essential analgesics and antibiotics for practice.

**11:15 a.m.**

**Update on Medical Treatment Options for Sleep Apnea – Dr. Strickland (1 hr)**

Sleep apnea is a serious health condition affecting more than 20 million Americans characterized by interruptions in physiologic breathing patterns during sleep associated with snoring, daytime sleepiness, fatigue, altered cognitive function, and increased risk for cardiovascular and metabolic diseases. This presentation will review the pathophysiology, symptoms, diagnosis, health consequences, and medical treatment options for this common disorder.

**Wednesday July 1, 2020 (8:00 a.m. - 12:15 p.m.) 4 hours**

**8:00 a.m.**

**Update on HPV and the Dentist's role in Prevention – Drs. Strickland & Frazier (1.25 hr)**

In 2018, the ADA adopted a policy regarding Human Papillomavirus (HPV) vaccinations; urging dentists to support the use and administration of the HPV vaccine, recognizing it as a way to help prevent HPV-associated oropharyngeal cancer. In December 2019, a survey on HPV topics was distributed to the 800 ADA Clinical Evaluators Panel members. A summary of the survey responses will be presented along with additional background about the HPV vaccine.

**9:15 a.m.**

**9:30 a.m.**

**BREAK (15 min.)**

**Dental Management of Patients with Gastrointestinal and Liver Disease – Dr. Charmelo (1.25 hr)**

The gastrointestinal tract includes several unique anatomical and functional components (oral cavity, esophagus, stomach, intestines) and the accessory organs of digestion (liver, gallbladder, and pancreas). Several commonly encountered diseases of the GI tract will be reviewed along with their oral manifestations and recommendations for successful patient management.

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## June 29-July 5, 2020

**10:45 a.m. Clinical Guidelines for Practicing Dentists in the COVID-19 Era – Dr. Pruett (1.5 hr)**  
This presentation will summarize the evidence-based clinical guidelines supported by the ADA, CDC, and Dental Research for dental practitioners in the COVID-19 era. Personal Protective Equipment, Patient Screening and Scheduling, Operatory Design, Aerosol Management, and Infection Control Protocols will be discussed as part of this comprehensive review.

**Thursday July 2, 2020 (8:00 a.m. - 12:15 p.m.) 4 hours**  
**8:00 a.m. Immediate Implant Placement & Restoration for Long Term Esthetic Success - Dr. Pruett (4 hr)**

In today's esthetically driven practice it is essential to appropriately diagnose and understand the benefits and limitations of implant restorations. This lecture will provide the practitioner with an understanding of the technique for immediate implant placement and provisionalization along with the long-term benefits to patient esthetics. The entire dental team will benefit from this update and review on implant therapy.

**10:00 a.m. BREAK (15 min.)**  
**10:15 a.m. Immediate Implant Placement & Restoration for Long Term Esthetic Success (continued)**

**Friday July 3, 2020 (8:00 a.m. - 12:30 p.m.) 4.5 hours**

**8:00 a.m. Integrated Digital Workflow and CAD/CAM Implant Prostheses – Dr. Al Farawati (2 hr)**  
Incorporating digital dentistry in the dental office improves the efficiency and productivity of treatment. This is specifically true as computer assisted designing/computer assisted manufacturing (CAD/CAM) technology aids in the fabrication of dental implant prostheses from simple, single unit abutments to multi-unit full arch complex frameworks in a predictable, durable and accurate fashion. This is a comprehensive overview on incorporating CAD/CAM in the dental office.

**10:00 a.m. Pulp Therapy in Primary and Young Permanent Teeth – Dr. Riggs (1.5 hr)**  
The primary and young permanent dentitions have a greater potential for repair than the more mature permanent dentition. Pulp exposures have traditionally been treated with formocresol or ferric sulfate pulpotomies or calcium hydroxide pulp capping. This presentation will discuss evidence-based findings about MTA-CS base cement when is used as direct pulp capping and as a pulpotomy agent in primary and immature permanent teeth.

**11:30 a.m. Light-Curing Unit Use in Dental Practice – Dr. Frazier (1 hr)**  
The ease and ability to cure photo-activated materials with dental light-curing units (DCLUs) revolutionized the practice of dentistry. This presentation will review the results of a 2019 survey distributed to ADA member dentists to determine how they are using DCLUs in clinical practice.

**Saturday July 4, 2020 (8:00 a.m. - 12:45 p.m.) 4.5 hours Happy 4th of July!**  
**8:00 a.m. Troubleshooting Stainless Steel Crown Adaptations – Dr. Riggs (1.5 hr)**

Proper placement and a good fit for a stainless steel crown can be a challenge for the dentist seeking full coronal coverage. This presentation will help the dental operator select, properly trim and seat stainless steel crowns for the primary and permanent dentitions. Several troubleshooting ideas will be presented to help identify and create solutions for better placement of SSC's

**9:30 a.m. BREAK (15 min.)**  
**9:45 a.m. Dental Implants in the Esthetic Zone – Dr. Al Farawati (2 hr)**  
Achieving optimal esthetic outcomes for implants in the esthetic zone with high predictability and low risk of complications is a major factor to distinguish highly successful implants from those that have merely survived. An overview of the surgical and prosthetic requirements to achieve high esthetic results with reduced pain and morbidity maintaining cost effectiveness and patient satisfaction in our mind.

**11:45 a.m. Endo-crown Reliability: A Systematic Review of the Literature – Dr. Frazier (1 hr)**  
The restoration of extensively damaged endodontically-treated teeth remains a challenge. The use of post-retained restorations has been associated with potential tooth weakening. Endo-crowns can be a reliable alternative to post-retained restorations for molars. The evidence-based literature will be reviewed to determine which preparation designs, adhesion protocols, and restorative material choices correlate with success.

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**Sunday July 5, 2020 (8:00 a.m. - 11:00 a.m.) 3 hours**

**8:00 a.m.**

**Adversities with Foreign Objects – Dr. Riggs (1.5 hr)**

Foreign objects can easily be aspirated or swallowed in our pediatric as well as our adult population during dental procedures. During this presentation, we will examine examples commonly aspirated and ingested objects. We will discuss what you should do as you treat your patients in your practice to avoid mishaps and what to do if an adverse situation happens.

**9:30 a.m.**

**Maintenance Considerations for Esthetic Dental Restorations – Dr. Frazier (1.5 hr)**

Esthetic dental procedures are an essential part of the range of restorative services that dentists have to offer patients. The hygienist and the patient can have a significant influence on the appearance and durability of esthetic restorations. This presentation provides practical recommendations regarding various in-office maintenance procedures, and useful advice for at-home patient self-care, to preserve and protect all types of esthetic materials.

**11:00 a.m.**

**ADJOURN**

## CREDIT

The Dental College of Georgia at Augusta University is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance for credit hours by boards of dentistry.

Concerns or complaints may be directed to the provider or to the ADA CERP at [www.ada.org/cerp](http://www.ada.org/cerp). The Dental College of Georgia at Augusta University designates this activity for **28.25** ADA CERP continuing education credits. 1/01/18-12/31/21.

The formal continuing education programs of this program provider are accepted by AGD for Fellowship /Mastership credit. The current term of acceptance extends from 01/01/2018-12/31/2021.

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## COMFORT ZONE

Although every effort is made to have a comfortable temperature in the meeting room, we realize everyone's comfort zone is different. Please bring a jacket or light wrap in case the room is too cool for your comfort.

## LOCATION



This course is presented at the King and Prince Beach Resort, St. Simons Island, Georgia, a comfortable and relaxing setting for attendees and their families. All sessions will be held in the Ballroom of the King and Prince Beach Resort. The course schedule allows ample time for exploring the many attractions and recreational opportunities. St. Simons Island is a charming island community offering a variety of art galleries, shops, dining, night life, historical attractions and recreational opportunities. St. Simons Island contains lovely residential areas and numerous historical sites. The King and Prince offers a variety of accommodations, including some oceanfront villas. Weekly rates are available for villas. For information about reservations, please call 800-342-0212 or 912-638-3631.

### The Golden Isles of Georgia

The islands separating the mainland of Georgia from the Atlantic Ocean are picturequely named the Golden Isles. Golfing, tennis, bicycling and wind-surfing are popular activities on the islands. Boat cruises, nature tours and fishing expeditions offer opportunities for exploring the teeming salt-marsh environment. St. Simons Island contains lovely residential areas and numerous historic sites.

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## LODGING RATES

Oceanfront Room: \$348 per night  
Oceanview Room: \$332 per night  
Resort View Room: \$304 per night  
Two Bedroom Oceanfront Villa: \$579 per night  
Two Bedroom Oceanview Villa: \$521 per night  
Three Bedroom Oceanview Villa: \$654 per night

Reservations can be made by calling 800-342-0212 or 912-638-3631.

*Reservations must be made on or before May 26, 2020. After this date, rooms are available on a space and rate availability basis only.*

Friday and Saturday stay required on weekends.

## TRAVEL ARRANGEMENTS

St. Simons Island is located near Brunswick, Georgia, midway between Jacksonville and Savannah. Both cities are served by major airlines as well as Amtrak, and Atlantic Southeast Airlines serves Brunswick/Glynco Airport (14 miles).

**By Car:** From north and south via I-95 and U.S. 17. From west via U.S. 25, 84, 341. Enter caseway off U.S. 17 at Brunswick.

**Limousine Service:** Available to and from Jacksonville via Golden Isle Shuttle. Reservations required, please call 912-264-1221.

## REGISTRATION

	Entire Course (Sun-Sat)	Partial Course* (1-4 Days)
Dentist	\$955	\$755
Auxiliary	\$245	\$145

\*Please specify days upon registration



Please register online via credit card at:  
<https://www.augusta.edu/dentalmedicine/cde/generaldentistry.php>



For questions please call  
706-721-1447 or 706-721-1420

The registration fee, less a \$100 administrative charge, is refundable if notice of cancellation is received by **June 12, 2020**.

*Augusta University is not responsible for any circumstance making it impossible to attend their continuing education courses due to acts of God, war, government regulations, disaster, strikes, civil disorder or curtailment of transportation facilities. If Augusta University cancels a continuing education activity you will be refunded your registration fee.*



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