

Last Chance Dental CE *Featuring The Dr. Joseph M. Greene, Jr. Memorial Lecture*

December 6 – 7, 2018



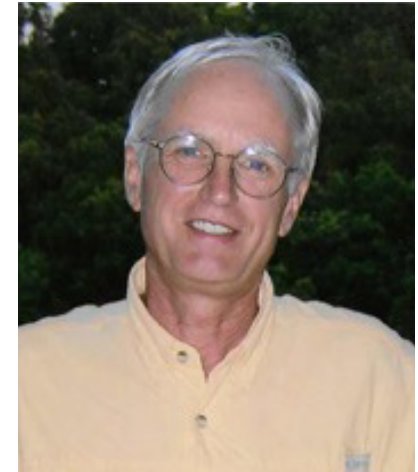
Presented by Augusta University, **The Dental College of Georgia** and the **Division of Professional and Community Education** at the J. Harold Harrison, M.D. Education Commons, Augusta University, Augusta, Georgia.



AUGUSTA
UNIVERSITY

Dr. Greene's Life and Legacy

Dr. Joseph M. Greene Jr. completed his residency in Pediatric Dentistry at the Medical College of Georgia, now Augusta University, in 1977. He became the Dental Director at Crippled Children's Hospital in Richmond, Virginia, where he also held a teaching appointment at The Medical College of Virginia. In 1979 he established a practice in Harrisonburg, Virginia, where he became only the second Board-Certified Pediatric Dentist in Virginia.



Dr. Greene was devoted to his patients and beloved by them. To be able to relate with these young patients, he spent free afternoons, and even some vacation days, watching movies created for children. When children climbed up in his chair, Dr. Greene might say, "Who was your favorite character in Finding Nemo?" This let the children know that they were the center of attention and not their parents. Never in his 35 years of practice did he deny a child treatment simply because the parents were not able to pay. His love of children and their dental health was the focus of his professional life.

Devoted to his profession and in celebration of that profession, every year he and his wife, Sandy, invited all the dentists in the Harrisonburg area to a barn party at their farm. An avid environmentalist, he and Sandy and their two children, Jody and Emily, spent untold hours planting scores of trees as stream buffers for a cleaner Shenandoah River.

Never content, Joe was the driving force in establishing a dental exhibit at the Children's Museum in Harrisonburg. His financial support guarantees the success and sustainability of the exhibit. That gift to the Children's Museum was his gift to the children of Harrisonburg. This memorial lecture is our gift to him.

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PURPOSE

Lifelong learning in Dentistry is an ongoing challenge as technology and treatment modalities are constantly improving and expanding. Last Chance Dental CE features a wide variety of clinical topics to meet the needs of dentists who desire to improve their diagnostic and treatment skills, and ultimately their efficiency and productivity. This program will provide a wide variety of topics ranging from Imaging to Endodontic treatments to Lab Communication. We are excited to provide a diverse program for 2018 that will include topics of interest for every dentist, and are confident that it will be an enriching learning experience.

OBJECTIVES

Following completion of this course, the participant should be able to:

- Better recognize findings associated with CBCT, its utility and limitations, as well as safety practices
- Recognize various endodontic lesions, their treatment through conventional surgical methods, as well as alternative treatment planning
- Appropriately manage various traumatic dental injuries of primary and young permanent dentition
- Better understand the importance of interdisciplinary care between Periodontics and Restorative Treatments
- Better understand periodontal treatment including evidence of risk factors, oral microbes and inflammation, antibiotic therapy and when to refer to medical colleagues
- Identify precancerous and cancerous lesions, considering different diagnostic options and differential diagnoses
- Describe indications/contraindications for the various digital fabrication techniques and materials and prep designs needed for successful fabrication using CAD/CAM systems
- Overcome restorative challenges of less than ideal implant placement as well as achieving more predictable results regarding color communication with your dental laboratory technician
- Determine appropriate need for opioids in the dental practice and choose alternative pain control regimens based on current evidence, including Georgia's New Legal Requirements
- Best build the right team while learning unique general characteristics of each generation
- Better recognize cases appropriate for clear aligner therapy versus cases that should be treated with conventional orthodontics

We gratefully acknowledge
KOMET USA
for their generous support to this course

GUEST FACULTY



David R. Avery, AS, CDT, TE, received his AAS degree in dental laboratory technology from Durham Technical College in Durham, North Carolina in 1976 and served as an executive team member at Drake Precision Dental Laboratory in Charlotte, N.C for 30 years. He retired in June 2015 to pursue his passion for development and teaching as an independent consultant to laboratories, clinicians and manufacturers. Additionally, he teaches undergraduate and post-graduate dental students at several universities.

Mr. Avery has published in numerous laboratory and clinical journals and serves on many editorial boards. He has presented more than 700 scientific programs for local, regional and national professional clinical and laboratory organizations covering every aspect of dental laboratory technology and communication.

AU FACULTY



Rafik Abdelsayed, DDS, MS, board-certified by the American Board of Oral and Maxillofacial Pathology, and a diplomate of the American Academy of Oral and Maxillofacial Pathology since 1991. He received his DDS and Master Degree training program in Oral and Maxillofacial Pathology from Indiana University School of Dentistry in 1990 where he served as faculty until 1996 when he joined the Dental College of Georgia. He is a Professor in the Department of Oral Health and Diagnostic Sciences and is the Director of the Biopsy and Diagnostic Laboratory Services. Dr. Abdelsayed holds a joint appointment as Associate Professor in the department of Anatomical and Surgical Pathology, School of Medicine, AU. Additionally, he serves as a consultant to regional general pathology services. He also serves as a consultant to dental clinicians, oral surgeons and physicians who refer their patients for consultation and biopsy procedures.



Roger Arce, DDS, MS, PhD, obtained his DDS degree (2000) and a Masters degree in Pharmacology (2005) from his native country Colombia (Universidad del Valle at Cali). He then moved to the US and completed a dual-degree PhD in Oral Biology along with certificate in Periodontology from the University of North Carolina at Chapel Hill School of Dentistry (2013). Dr. Arce is Assistant Professor in the Dept. of Periodontics at the Dental College of Georgia. Dr. Arce's extensive research publications address host/pathogen interactions, systemic implications of periodontitis and drug discovery. He has also published in clinical topics included computer/guided implant surgery and lip repositioning techniques.



Brian E. Bergeron, DMD, Professor and Endodontics Residency Program Director for The Dental College of Georgia at Augusta University. He received his DMD from the University of Florida and completed a GPR and Residency in Endodontics in the USAF and served for 23 years in the Dental Corps. He is a Director for the American Board of Endodontics and a Fellow in the International College of Dentists. He serves nationally on the ADA Dental Quality Alliance, the Scientific Advisory Board for the Journal of Endodontics and Journal of Dentistry, and as a site visitor for the Commission on Dental Accreditation.

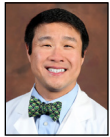
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Allison Buchanan, DMD, MS, Associate Professor, Associate Chairman and serves as an Oral and Maxillofacial Radiologist in the Department of Oral Biology and Diagnostic Sciences at The Dental College of Georgia at Augusta University. She teaches at both the pre-doctoral and graduate levels.

Dr. Buchanan received her dental degree from The Dental College of Georgia at Augusta University and completed her residency training at The University of Texas Health Science Center at San Antonio and received her Master of Science degree from San Antonio.

Dr. Buchanan is a Board Certified Oral and Maxillofacial Radiologist and provides a referral service for cone beam computed tomography imaging. Her research interests include cone beam computed tomography and digital radiography.



Kim L. Capehart, DDS, PhD, MBA, Assistant Professor at the Dental College of Georgia at Augusta University. He earned his DDS from West Virginia University School of Dentistry. He joined DCG after 16 years of private practice that encompassed the full-scope of general dentistry in Simpsonville, SC. Dr. Capehart is a Diplomate with the Dental Organization for Conscious Sedation and an active member in the ADA, AGD, SCDA, American Equilibration Society, American Society of Dental Anesthesiology, and the GDA.



Christopher W. Cutler, DDS, PhD, Professor and Chairman of the Department of Periodontics and Associate Dean for Research at The Dental College of Georgia. He has a joint appointment in Oral Biology and in the Vascular Biology Graduate programs and directs a human microbiology & immunology research laboratory. Dr. Cutler received his DDS, his Periodontics Certificate and his

Ph.D. in Experimental Pathology from Emory University. He was on staff at Stony Brook University School of Dental Medicine before joining Augusta University in 2011. Dr Cutler is a Diplomate of the American Board of Periodontology. Dr Cutler has been principal investigator in numerous grants from the National Institutes of Health/National Institute of Dental Research (NIH/NIDCR). Additionally he has served on multiple study sections at NIH/NIDCR as well as on editorial boards of Infection and Immunity, Current Immunology Reviews, Journal of Periodontology, Journal of Clinical Periodontology, and Journal of Dental Research.



Weston M. Fortson, Jr., DMD, Assistant Professor in the Department of Orthodontics at the Dental College of Georgia at Augusta University. Dr. Fortson obtained his BS degree in Microbiology from the University of Georgia, his DMD degree and Certificate in Orthodontics from the Medical College of Georgia. He is a Diplomate of the American Board of Orthodontics.



Jan K. Mitchell, DDS, M.Ed., Professor, Director of Diagnosis and Treatment Planning section. A graduate of Emory University, Dr. Mitchell completed a two year Advanced Education residency in the US Navy. She is a Master in the Academy of General Dentistry and is certified by the Federal Services Board of General Dentistry and the American Board of Operative Dentistry, which she

has served as President.



Roy A. Rockman, DDS, MS, Associate Professor in the Department of Pediatric Dentistry at the Dental College of Georgia and a 1970 graduate of SUNY Buffalo School of Dental Medicine. He completed a Pediatric Dental Residency at Brookdale Hospital Medical Center in 1974. He is a Diplomate and Fellow of the American Academy of Pediatric Dentistry and member of the Examining Committee of American Board of Pediatric Dentistry. He served in the US Army Dental Corps as a Pediatric Dentist retiring in 2002 and served as Director of Pediatric Dental Residency at Augusta University from 2002-2010 and continues to teach part time.



Mario Romero, DDS, Associate Professor in the Department of Restorative Sciences at The Dental College of Georgia. He received his DDS from the University of Guayaquil (Ecuador) School of Dentistry in 1995. He completed a two year Advanced Education in General Dentistry Program at the University of Rochester, Eastman Institute for Oral Health where he was granted the Handleman Award for Excellence. He maintained a private practice with emphasis in Restorative and Esthetic Dentistry for 15 years prior to joining Augusta University in 2013. He now serves as the Director of the AEGD Residency Program.

COURSE CO-DIRECTORS



Barry D. Hammond, DMD, Professor in the Department of General Dentistry and Director of Dental Continuing Education.

Rhoda J. Sword, DMD, Associate Professor in the Department of Restorative Sciences and currently President of the Augusta University Alumni Association.



REGISTRATION

Registration Fees

Dentist	\$465
Hygienists/Dental Assistants	\$215
Recent Graduates (2017-2018)	\$325

Please see Registration Form for schedule of Fees. The registration fee, less a \$75 administrative charge, is refundable if notice of cancellation is received by Friday, November 22, 2018

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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LOCATION

Lecture Sessions will be held in the **J. Harold Harrison, M.D. Education Commons** on the Augusta University campus. In response to your request on the Registration Form, we will send you lodging information for several area hotels, along with a map of the Augusta University campus indicating available parking. Parking locations will be sent with your confirmations.

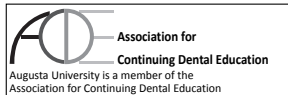
TARGET AUDIENCE

Dentists and other dental professionals.

CREDIT

The Dental College of Georgia at Augusta University is an ADA CERP Recognized Provider.

ADA CERP® | Continuing Education Recognition Program



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 of credit hours by boards of dentistry.

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp

The Dental College of Georgia at Augusta University designates this activity for **15.75** continuing education credits. 01/01/18 – 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 01/01/18 – 12/31/21.

SPECIAL NEEDS

Augusta University Division of Professional and Community 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 800-221-6437 or 706-721-3967.

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 sweater in case the room is too cool for your comfort.

CONFERENCE SCHEDULE

Thursday, December 6, 2018 (8 hrs) -----

- 7:45 a.m. **Welcome** – Drs. Hammond and Sword
- 8:00 a.m. **CBCT, A Look At and Beyond the Glamour** – Dr. Buchanan
This program will address current uses as well as limitations of CBCT in dentistry. An update on radiation safety as well, as a brief introduction to common incidental findings, will be provided.
- 9:00 a.m. **Endodontic Management of Large & Atypical Radiographic Lesions** – Dr. Bergeron
Management of various types/sizes of endodontic lesions or those masking as endodontic in nature will be discussed. Treatment options to include conventional and supplemental surgical options will be reviewed.
- 10:00 a.m. **Break**
- 10:15 a.m. **Traumatic Injuries to Young Permanent Teeth** – Dr. Rockman
This program will provide an update for the general dental practitioner in regards to management of pediatric traumatic dental injuries. We will discuss pulpal and periodontal considerations as well as management of tooth fractures and luxation injuries to the young permanent dentition.
- 11:30 a.m. **Lunch** (provided)
- 12:15 p.m. **The Dynamic Biology in "Biologic Width": Clinical Implications** – Drs. Arce and Romero
A predictable dental restoration must foster an environment for maintenance of a healthy stable periodontium. However, this dynamic process faces the challenge of long-term stability in the aging patient, who is prone to gingival recessions, attachment loss and secondary decay. This program will examine the concepts of biological width with emphasis on biological concepts on the aging patient, as well as the clinical implications for adequate clinical treatment protocols.
- 2:15 p.m. **Break**
- 2:30 p.m. **Links of Periodontal Disease with Heart and Kidney Disease: Truth or Consequences?** – Dr. Cutler
Periodontal diseases are chronic low-grade infections that stimulate an inflammatory response. The inflammation causes loss of alveolar bone, attachment and if untreated, tooth loss. The infection however, can spread to distant sites in the body and invade cardiac vasculature, brain, placenta, lungs and kidneys. Clinical evidence supports a role of periodontal disease in risk for many systemic diseases, including atherosclerosis and chronic kidney disease, although a causative role has not yet been established. This seminar will discuss the controversy surrounding the evidence for and

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against a role for periodontal disease in other systemic diseases, with commentary, based on the evidence, of what to tell your patients. A treatment and referral rationale will be developed.

4:00 p.m. **Common and Significant Oral Lesions in the General Dental Practice**

– Dr. Abdelsayed

Oral soft tissue disease may present in a wide spectrum of clinical presentations with significant clinical overlapping between benign, precancerous, and cancerous mucosal lesions. This clinical uncertainty may pose a challenge to clinicians to diagnose oral cancerous lesions in a timely fashion. In this course, we will present several such cases and discuss differential diagnoses and approaches by which the definitive diagnosis is reached.

5:00 p.m. **Adjourn**

Friday, December 7, 2018 (7.75 hrs) -----

7:45 a.m. **Welcome**

8:00 a.m. **A Potpourri of Prosthodontic Topics for the General Practitioner**

– Mr. Avery

This program will feature timely topics of interest such as digital dentistry technology and materials, implant dentistry for the fully edentulous patient, color communication, and solutions for complex treatment problems.

10:00 a.m. **Break**

10:15 a.m. **A Potpourri of Prosthodontic Topics for the General Practitioner**

(continued)

11:45 a.m. **Lunch** *(provided)*

12:30 p.m. **Responsible Opioid Prescribing** – Dr. Mitchell

Dental care often involves managing pain following surgical or other extensive dental procedures. However, the nationwide opioid epidemic has made all health care providers aware of our need to prescribe such medications in a more careful and evidence based manner. This course will explain the current legal and ethical guidelines of opioid use/abuse and the proper prescription writing and use of opioids in the dental practice. This one hour program will fulfill the Georgia Board of Dentistry requirement (Board Rule 150-3-.09) for opioid training for the renewal year 2019.

1:30 p.m. **Understanding Generational Hiring & Team Building** – Dr. Capehart

The focus of this program is to raise awareness and appreciate the differences between generations when hiring potential team members. Using this knowledge will help in motivating team members and improve the work ethic among teams comprised of varying ages.

3:00 p.m. **Break**

3:15 p.m. **Clear Aligner Therapy – a REVOLUTION in Orthodontics**

– Dr. Fortson

There has been considerable public and media interest in non-traditional orthodontics, clear aligner therapy, including the more recent move into the more controversial “do it yourself” treatment. Indeed, clear aligner therapy has gained significant popularity in the treatment of mal-aligned teeth by orthodontists and general dentists alike. However as the old saying goes, one size does not fit all, and how do you decide what cases are indicated for this treatment option. In this program, we will discuss indications and contraindications for clear aligner therapy, and how to discuss the pros and cons of each type of therapy with your patients.

4:15 p.m. **Panel Discussion** – Drs. Fortson and Capehart

4:45 p.m. **Closing Comments**

5:00 p.m. **Adjourn**

