



**Florida Academy of Pediatric Dentistry, Inc**  
1395 Center Drive, Gainesville, FL 32610-0426  
352-273-7631 [www.fapd4kids.org](http://www.fapd4kids.org)

**Course Title:** “Dental Caries: Genes, Bugs and Drugs”

**Course Summary:**

Dental caries is a highly prevalent chronic disease that is disproportionately distributed in the population. The etiology is complex and multifactorial with contributions from genetics nutrition, tooth morphology, fluoride exposure, microbial ecology, salivary flow, oral hygiene and other factors that remain to be defined. How these factors contribute to caries varies significantly between individuals. Our understanding of the human genome, microbiome and environmental interactions has grown tremendously over the past two decades and is helping inform our decision making in caries management. This course provides an overview of the etiology of dental caries and caries risk assessment. This foundational knowledge is built upon by providing an up-to-date review of both primary and secondary caries management approaches. More recent caries management approaches such as silver diamine fluoride and non-surgical treatment techniques, such as the Hall crown, and the evidence supporting these therapies, will be discussed.

**Learning Objectives:**

Following course completion, the participant will be able to:

- Understand genetic contributions to risk and resistance to dental caries and dental fluorosis.
- Appreciate how knowledge from human genome, microbiome, and metabolome could be used to an individual’s caries management program.
- Understand the indications, contraindications and clinical application of different formulations, concentrations of fluorides including the newly approved silver diamine fluoride.
- Understand the evidence for non-fluoride caries management approaches including remineralization and antimicrobial therapeutics.
- Be familiar with the clinical application of non-surgical caries approaches such as sealants, resin perfusion, and non-surgical restorative approaches such as the Hall crown technique.

**Faculty:**

J. Timothy Wright, DDS, MS  
Distinguished Bawden Professor  
Department of Pediatric Dentistry  
University of North Carolina  
Chapel Hill, North Carolina

Dr. Tim Wright received his DDS degree from West Virginia University and completed his specialty training in pediatric dentistry and Master of Science Degree at the University of Alabama at Birmingham. He currently is the Distinguished Bawden Professor in the Department of Pediatric Dentistry, The University of North Carolina, Chapel Hill and has served as Pediatric Dentistry Department Chair and Department of Endodontics Department Interim Chair. He also served as the School of Dentistry Director of Strategic Initiatives.

He is a Diplomat of the American Board of Pediatric Dentistry and a Fellow of the American Academy for the Advancement of Science. He has published over 200 peer reviewed scientific manuscripts, edited two texts and authored 24 text chapters. Dr. Wright has served as the Chair of the Council for Scientific Affairs for the American Academy of Pediatric Dentistry and the American Dental Association. He serves on multiple editorial boards and serves on Scientific Advisory Boards for several family support groups. Dr. Wright's research interests include cariology, genetics and craniofacial development and he has had over 25 years of NIH funding to support his work. He is the current President-Elect of the American Association for Dental Research.

**CE credit:**

Florida Academy of Pediatric Dentistry is an ADA CERP recognized provider approved by the American Academy of Pediatric Dentistry. 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. Florida Academy of Pediatric Dentistry designates this activity for 6 hours of continuing education credits. The FAPD will submit 6 CEU for General Education to *CE Broker* for all Florida dental license holders.



**Fees:**

Dentist - \$450

Auxiliary - \$200

Student - \$100

Late charge - \$50 (after March 4, 2019)

Our refund policy lasts up to 30 days prior to the scheduled event. If your refund request is not received by the February 28, 2019 deadline, we cannot offer you a refund or exchange. Once a payment is marked as completed via PayPal, it can no longer be canceled. However, you can request a refund of a completed payment prior to the refund deadline date. To request a refund, send the request to *Florida Academy of Pediatric Dentistry* at [mguelmann@dental.ufl.edu](mailto:mguelmann@dental.ufl.edu). Once your refund request is posted, we will notify you of the approval or rejection of your refund within 10 days. More information regarding the course cancelation and refund policy can be found at [www.fapd4kids.org](http://www.fapd4kids.org) in the “Meetings” registration section.

**Date:**

March 29, 2019

8 a.m. to 4 p.m.

Lunch is provided.

**Location:**

Hilton Hotel & UF Conference Center

1714 SW 34th Street

Gainesville, Florida 32604

Phone: (352) 371-3600

A block of rooms has been reserved at a group rate of \$159 per night until Tuesday February 26, 2019.

**Registration:**

On-line registration form and PayPal payment is located under “Meetings” at [www.fapd4kids.org](http://www.fapd4kids.org)

Questions should be submitted to Dr. Robert Primosch, [rprimosch@dental.ufl.edu](mailto:rprimosch@dental.ufl.edu)