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## Chair's Corner ~ Tim Wright Change, Progress, the Future



There have been so many great songs written about changes that we all face at both the personal and societal level. Our times for sure are a changing and

are characterized by rapid transformations that challenge us and can help bring about improvement in our lives. This year scientists have been able to transform normal cells into stem cells paving the way for new and wondrous medical therapies. Changes continue to transform health care as America struggles to have a healthy population that has availability to medical and dental services. The Department of Pediatric Dentistry continues to change with excellent faculty, residents and staff. July 1<sup>st</sup> will bring in a new and outstanding group of residents the Class of 2017. **Kimon Divaris** (2012) has joined the faculty in a tenure track position and will serve as the Department's Director of Research bringing new vigor and direction to the research activities and mission of the Department. Jessica Lee (2002) became Chair July 1, 2014 and will provide new leadership to guide the Department forward over the coming years. I will continue working in the Department but also be working on changes in curriculum, budget and other issues with the School of Dentistry leadership in my new role as Director of Strategic Initiatives. Winston Churchill said: "To improve is to change; to be perfect is to change often". While we are far from achieving perfection the Department of Pediatric Dentistry has a legacy of challenging paradigms and moving forward. I have enjoyed watching the Department evolve over the past decade and am excited about the transformations that will come in the ensuing years. It is never fully clear where the road is leading but I am confident the Department is on a course that is headed straight toward continued excellence.

#### THE JOHN C. BRAUER AWARD



Michael Roberts, Henson Distinguished Professor and Associate Chair, Department of Pediatric Dentistry, UNC-SOD, was presented the John C. Brauer Award at the Best of Dentistry Gala on April 25, 2014. This award from the UNC-SOD Alumni Association is in recognition of lifetime merito-

rious service and significant achievement on behalf of the University of North Carolina School of Dentistry. Mike came to UNC-SOD in 1989 following retirement at the rank of Captain (Navy) from the U. S. Public Health Service. He has served as Graduate Program Director, Associate Chair and Chair of the Department of Pediatric Dentistry. **Bill Vann (1976)** is also a former recipient of this prestigious award.

## "A Review of Oral Sedation of Children for Dental Procedures: Its Current Status"

Stephen Wilson, DMD, MA, PhD

Professor and Director, Division of Dentistry Cincinnati Children's Hospital Medical Center October 10, 2014 William and Ida Friday Continuing Education Center University of North Carolina at Chapel Hill 6 hours of CE credit

## **Development Activities**

# DILLEY FELLOWSHIP FUND Supports Residents to the AAPD Comprehensive Board Review Course

This fund serves as a tribute to Diane Dilley's many contributions of the department's educational programs through her years of service and education. She was the first female role model for our residents, setting the stage for an alumnae constituency that is approaching half of our alumni. Her clinical and seminar teaching included assignments as director of major clinical programs including the Graduate Program, Undergraduate Program, the Craniofacial Program and Sedation Clinic. This fund's endowment provides residents' stipends support, travel, and enrichment opportunities. The 2013 -14 Fellows were Felicia Swinney (2014), Maggie Fetner (2014) and Shijia Hu who were supported to attend the Board Review Course. Upcoming 2014-2015 Fellows will be Alex Boudreau (2015), Jackie Burgette (2015) and Kevin Ricker (2015).



## THOMAS MCIVER FELLOWSHIP FUND Serves Special Needs Population

This fund serves as a tribute to the tremendous contributions **F. Thomas McIver (1970)** made through his many years of service and education. He exemplifies the outstanding teacher with his sincere and nurturing style with DDS students, residents or patients. He leaves a strong legacy with his unique skills and contributions in providing dental care for special needs patients and educating dental professionals to manage this underserved population. This fund's endowment supports our third year residents who provide care and teach in the UNC Pediatric Dentistry Special Needs Clinic. The 2013-14 Fellows were **Felicia Swinney (2014)**, **Maggie Fetner (2014)** and **Shijia Hu** who served as teaching assistants for the developmental disabilities course. Upcoming 2014-2015 Fellows will be **Alex Boudreau (2015)**, **Jackie Burgette (2015)** and **Kevin Ricker (2015)**.



## The Bryan and Renae Cobb Fellowship Fund

The past year has been a strong one for the Department's development activities and your generosity has been and continues to be the fuel that helps drive excellence in so many of our programs. So let me begin by saying thank you and thank you. I'll bring you up-to-date on several exciting events. The Vann Fund is now over the \$300,000 mark of funds collected and Bryan Cobb (1979) and his wife Renae have established a fund in their names with an initial gift of \$50,000. Bryan plans to take the fund to over \$200,000 with donations and a legacy gift in his will. The Bryan and Renae Cobb Fellowship will provide support to the graduate program. Bryan sets another example of legacy giving that will support graduate education in Pediatric Dentistry for perpetuity. To date the following individuals that have given or have planned legacy gifts from their estate: Bryan Cobb (1979), Jim Congleton, (1977) Bobby Elliott (1998), Mike and Sandra Roberts, Mary Jean Breeland, Bill Vann (1976), and Willie Demeritt. Legacy gifts can be for any amount, can always be changed over the course of your lifetime, and there are many different mechanisms for establishing planned giving. I hope all of you are considering and will adopt this easy and totally painless way to have your name or loved one's name be remembered and attached to a legacy that helps support excellence in Pediatric Dentistry at UNC.

### Alumni and Friends Connect in Boston at the 2014 AAPD Annual Session

The Annual Session of the American Academy of Pediatric Dentistry Annual Session was held in Boston, MA on May 21-25, 2014. The outstanding meeting attracted many pediatric dentists and their staff. The organization required to coordinate a meeting of this magnitude is tremendous. Much of the success of the meeting is the result of the Local Arrangements Committee. One of the two Co-Chairs of the Local Arrangements Committee was our very own Craig Elice (1990). Great job, Craig, the meeting was fabulous and ran like a clock.

Alumni and Friends again play key roles in the success of the recent 67<sup>th</sup> Annual Session of the American Academy of Pediatric Dentistry. The program was filled with old friends and many familiar faces. UNC Alumni and Friends filled the scientific and social programs! **Craig Elice (1990)** led the Alumni group serving as a Co-Chair from the Local Arrangements. He did an outstanding job showing off his town. All of us enjoyed the outing in Fenway Park. Some were lucky enough to have our pictures taken with the three World Series



Championship trophies as seen in the photos with Gina Spangler (1996), husband Vic Spangler (DDS 1993) along with Kate Lambert (DDS 2012). Also joining in on the fun were Bill Vann (1976), Jessica Lee (2002), Erica Brecher

(2016), Jenna Alvey (2016) and Scott Schwartz

(2016). Martha Ann Keels (1990) was very busy and prominent on the scientific program. She presented on Dental Acid Erosion and GERD, moderated the AAP sponsored session on oral health and also served on a panel ad-



dressing "everyday questions" with fellow UNC Alumni **Bobby Elliott (1998).** "Hanging Your Shingle" was also presented by **Bobby Elliott (1998)** during the breakfast rounds. He was joined by **Mike Ignelzi (1992)** who presented on "Using Technology in Pediatric Dentistry

to Improve Efficiency and Enhance the Patient Experience." LaRee Johnson (1999) also joined in presenting during mini clinics on 'Pediatric Dental Appliances" and "Are You Ready for this? Ensuring Emergency Prevention and Efficient Response in the Dental Office." Our residents were also well represented in the scientific program. Shijia Hu made us all very proud when he was selected as one of eight NuSmile Graduate Student Research Award Finalists. His research is entitled "The Human Dentome" and he is being mentored by Tim Wright. Felicia Swinney (2014) also presented a poster presentation on "Caregivers Perceptions About Discussing Children's Weight in The Dental Setting". She was mentored by Bill Vann (1976). Congratulations to first year residents Erica Brecher (2016), Jenna Alvey (2016) and Scott Schwartz (2016) who served as the

2013-14 James B. Congleton Fellows. The Congleton Fellowship supported their participation as Advocacy/ Leadership. Mentors for the trainees were Scott Cashion (1997) of Greensboro and Jessica



Lee (2002) of Chapel Hill. They provided leadership for the trainees' attendance at the Board of Trustees meeting and the Council and Committee Meetings. In addition to the Scientific Program, many friends and alumni were working hard behind the scenes to support the business and policy development of the Annual Session—too many names to mention them all. Congratulations to Tegwyn Brickhouse (2002) who stepped into the role as Chair of the AAPD Council on Scientific Affairs (CSA). UNC Alumni and Friends have a long legacy of leading the scientific agenda for the AAPD. Previous AAPD CSA chairs include Martha Ann Keels (1990) Jessica Lee (2002), Mike Ignelzi (1992), Tim Wright and Tom McIver (1970). They are joined by active CSA members Rocio Quinonez (2000), Anne Wilson (1992) and Kimon Divaris (2011).

Many alumni served as presenters, panelists or moderators for educational sessions and seminars. These included Martha Ann Keels (1990), Michael Ignelzi (1992), Bobby Elliott (1998), LaRee Johnson (1999), and Ron Hsu (2006).

"'Silent' and 'listen' are spelled with the same letters" ~Unknown

## **Wright Receives Prestigious Award**

At the June 25-28 Annual Meeting of the International Association of Dental Research (IADR) in Cape Town, South Africa, **J. Timothy Wright**, Bawden Distinguished Professor and Director of Strategic Initiatives of the School of Dentistry and member of the Department of Pediatric Dentistry faculty, was named the recipient of the *Basic Research in Biological Mineralization Award*, which is supported by Unilever Oral Care. Considered one of the highest honors bestowed by IADR, the award is one of 16 IADR Distinguished Scientist Awards. Tim is recognized internationally as a leading clinician-scientist, in part due to his groundbreaking research on inherited disorders of the dentition (arrangement/condition of the teeth). The award is designed to honor research in the field of biological mineralization while encouraging more research in the field. As the recipient, Tim received a plaque and a monetary prize.



## **Gary Hill Health Award Recipient**



Gary and Patty Hill

#### Gary Hill wins award for Triangle Health Hero of 2014

Gary Hill, (1974) a Durham pediatric dentist, has won a prestigious award for his contribution to the Triangle community and the impoverished nations of Honduras and Costa Rica. Gary was chosen among a highly competitive field of health care professionals on Thursday, March 20, 2014 at the Raleigh Marriott. He was honored by the Triangle Business Journal for his dedication, compassion and expertise in the field of dentistry. Gary has led a team of dental health experts to Honduras and Costa Rica for the past 9 years to provide treatment to children who otherwise would never be able to receive dental treatment. The team has brought smiles to thousands of kids through the years and changed their lives.

Gary says he is truly honored by this award and is proud to represent the Triangle area. The joy I receive from bringing smiles to children is one of the greatest gifts I have been given in my 38 years of practicing dentistry.

## **Resident's Corner Summer 2014**

#### Which animated character are you most like and why?

**Kevin**: Hen Wen, the clairvoyant pig from the oft-forgotten Disney film "The Black Cauldron," because I identify with being overweight and magical.



**Alex:** Ariel, because I rebelled against my parents as a teenager and I fell in love with a human man.



**Jackie:** Anna in Frozen, because she's quirky and gets bonked on the head when goofing off with her older sister.



**Maggie:** Garfield. Who wouldn't want to eat lasagna and sleep all day?!



**Shija:** Calvin from Calvin and Hobbes...I think I still hang out with imaginary friends...



**Felicia:** Jem from Jem and the Holograms: professional business woman by day, fun-loving free spirited ROCKSTAR by night!



**Jenna:** Lucy from Charlie Brown. What other character do you know that is any more bossy? if the shoe fits...



**Scott:** Jafar. I'm tall, skinny, and hungry for power.



**Erica:** Wendy from Peter Pan... One of the reasons I went into Pedo was so I could be silly with my patients and never grow up.



#### Department Says Goodbye to the Class of 2014

Once again it seems that time has flown by and we are already ending another academic year. We have said *goodbye* to the class 2014.

Maggie Fetner (2014) will be joining Todd Grooms (2003) in private practice in Burlington, NC.





Felicia Swinney (2014) will be joining the Spring Lake Dental Group practice in Spring Lake, North Carolina.

#### **OUR CURRENT RESIDENTS**

Fellow:

**Shijia Hu** BDS - Singapore BDS - National University, 2008

3<sup>rd</sup> Year:

Jacqueline Burgette - Massachusetts DMD - Harvard, 2010 Kevin Ricker - North Carolina DDS - UNC, 2012 Alex Boudreau - North Carolina DDS - UNC, 2010

2<sup>nd</sup> Year:

Jenna Alvey - North Carolina
DDS - UNC, 2010
Erica Brecher - Massachusetts
DMD -Tufts, 2013
Scott Schwartz - Illinois
DDS - University of Illinois -Chicago, 2012

1<sup>st</sup> Year:

Jami Ballantine - California
DDS - University of Michigan, 2014
Beau Meyer - Ohio
DDS -The Ohio State University, 2014
Bhavna Pahel - North Carolina
DDS - University of North Carolina, 2014

#### **CLASS OF 2017 RESIDENTS**

We welcome our new residents Jami Ballantine, Beau Meyer and Bhavna Pahel, to the School of Dentistry.



**Jami Ballantine** is a 2014 graduate of the University of Michigan School of Dentistry. She is native of California and has spent much of her life on the west coast obtaining a BS degree from the University of Utah and another BS degree from the University of Washington. While in dental school Jami established herself as young investigator working on projects that evaluated parents' perspectives on oral health for cleft lip/palate children and examining methods of caries diagnosis. Jami has just relocated to the Triangle with her husband and young baby.



**Beau Meyer** is native of Ohio and received his BA degree from Miami University and DDS Degree from the Ohio State University. While at OSU he was active with the Ethiopia One Health Task Force whose goal was to partner with Ethiopian universities to improve global health and strengthen an interdisciplinary approach to health care. He has also completed his certificate in Public Health. Beau has moved to Chapel Hill with his fiancée.



**Bhavna Pahel** is a 2014 graduate of the University of North Carolina School of Dentistry. She is native of India, but has been in Chapel Hill for the last 10 years. She received her PhD and MPH degrees at UNC School of Public Health in 2008 and 2003, respectively. She is already an accomplished health services research investigator contributor in a variety of teaching settings including masters and predoctoral level courses. She lives in Chapel Hill with her husband and two children.

## Schweitzer Fellows Pediatric Dentistry Major Player

The Department of Pediatric Dentistry has quite a substantial presence in the North Carolina Albert Schweitzer Fellowship Program. This program is targeted at predoctoral students and seeks to develop a corps of "leaders in service." It is anticipated that these student leaders will become health professionals who are skilled in creating positive change in our health and human service systems. The following are the Schweitzer Fellows mentored by members of the Department of Pediatric Dentistry.

Students: Robert Christensen and Lauren Katz Mentors - Rocio Quinonez (2000), Tim Wright, John Christensen (1984)

Students: Eleni Boukas and Mackenzie Hatfield Mentors - Tom McIver (1970), Shija Hu (Fellow), Sarah Hartsook

Students: Gentry Lasater and Veronica Matthews Mentors - Rocio Quinonez (2000), Alice Chuang

## Schweitzer Fellows and Mentors from UNC School of Dentistry



Pediatric Dentistry fellows and mentors are in bold. Front row from left to right- Veronica Matthews, Leilah Langston, Lauren Katz, Eleni Boukas, second row - Omar Abdel Baky, Robert Christensen, Tom McIver, Gabrielle Jackson, Zerita Buchanan, back row - Lewis Lampiris, Gentry Lasater, Mackenzie Hatfield, Chris Walker and John Christensen.

## Residents take on the Krispy Kreme Challenge Race!!

On February 4, 2014 UNC Resident Scott Schwartz (2016), Erica Brecher (2016) and Shijia Hu (Fellow) took on the Krispy Kreme Challenge! To complete the Krispy Kreme Challenge runners begin at the North Carolina State University Memorial Belltower, run 2.5 miles through scenic downtown Raleigh to the Krispy Kreme store at the corner of Peace and Person Streets, eat 1 dozen doughnuts, and run 2.5 miles back to the Belltower - all in under an hour. Since its inception, the Krispy Kreme Challenge has been proud to support the North Carolina Children's Hospital. The mission of the hospital is to provide the highest quality care to patients from all 100 counties in North Carolina, regardless of a family's ability to afford the services. The money raised goes to help fund additional equipment and support services necessary to provide exceptional care. It also funds innovative programs that aid in the treatment and care of children suffering from a wide range of illnesses. O ne of the ways the funds are used is through a program called the NC Children's Promise Grants. Congrats Erica, Scott and Shijia on a great finish and supporting the UNC Children's Hospital!







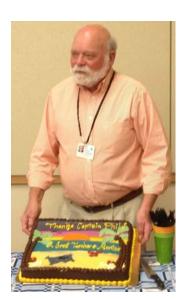
## **News From Alumni and Friends**

#### Phil Caldwell's Retirement



On Thursday, April 17<sup>th</sup> we said thank you, good-bye and good luck to a truly amazing teacher, colleague and friend as **Phil Caldwell (1974)** officially retired from our faculty. During the course of his nearly thirty years of teaching in our department, Phil taught in many of our clinical settings including Head Start, graduate, student and sedation clinics. Throughout his tenure at UNC, Phil touched the lives of countless patients, students, residents, staff and faculty. His unassuming and friendly manner of teaching made him a very popular faculty member. Because of his years of private practice

experience, Phil brought "real world" answers to the treatment challenges we often faced with our School of Dentistry patients. Even though all of us who worked with Phil knew of his dedication to teaching and patient care, it became even more evident when **Rob Moran** (1997) and **Richard Brooks** (**DDS 1994**) began the now endowed Christian/Caldwell Fund. This fund, which honors both Phil and **John Christensen** (1984), provides financial support for the continuing education activities of our residents. Phil, we thank you for your mentorship, leadership and friendship. We wish you the very best for your retirement, enjoy the adventures yet to come with your family and friends.

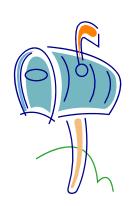


#### **Excellence Lecture Series**

Dr. Page Caufield, Professor at New York University was our most recent lecturer in the Excellence in Pediatric Dentistry on May 2, 2014. As most folks know, Page is an expert and internationally known researcher in the microbiology of early childhood caries. His presentation addressed our advancing knowledge of the human microbiome and how host and microbes interact, as well as other risk factors such as enamel hypoplasia. There were interesting discussion and interactions regarding the science and myths behind transmission of the oral microbes associated with dental caries and how some current concerns appear to be unjustified (e.g. not kissing babies on the mouth or tasting food for fear of bacterial transmission). It was a fun morning of science and clinical care. Our next Excellence Lecture is schedule for November 14, 2014 so stay tune for announcements about who our guest speaker will be. It is a great time to meet the experts as we bring them to Chapel Hill to interact with our residents, faculty, alumni and friends. Hope to see you there.

#### WE MOVED!

Dr. Phillip Parker 1521 NW 36th Avenue Norman, OK 73072



As she has done for the last six years, Patient Coordinator *Lisa Mauldin* once again received a Spurgeon Award, this time from the Class of 2015. Lisa was honored at the Annual Spurgeon Banquet. We congratulate Lisa and thank her for her continued exemplary service in our Department.



## UNC's Prenatal and Early Childhood Oral Health Programs: An Update

We are excited to share some new developments regarding our prenatal and early childhood oral health programs here at UNC-Chapel Hill.

The Prenatal Oral Health Program (pOHP) website (www.prenataloralhealth.org) will celebrate its one year anniversary this summer. Whether you are a general dentist or a pediatric dentist, this free of charge website pro-



vides multiple resources for the collaboration between prenatal primary health care providers and the dental team. Have a look at the "Expectant Mother" section for 2

- 3 minute videos in English and Spanish regarding the oral health of women during pregnancy and what to expect for your baby's oral health in the first year of life. This website is the prelude into the Baby Oral Health Program (bOHP). Regarding bOHP, we are excited to announce that beginning this summer, we have moved towards offering bOHP (www.babyoralhealthprogram.org) free of charge. We are grateful to the funding provided by the North Carolina Dental Society and the Hillsdale Fund this past fall that allowed for the development of a "For Parent" section on the website. This site aims to educate families about early childhood oral health, focusing on 0-36 months of age. This section of the site serves

as a great asset to promote the care of young children in your practice. For both sites, don't forget to register your office under the "Account Information" panel in the login section so it can easily be viewed by patients under "practice locator". On the educational front, we continue to promote prenatal and infant and toddler oral health. This is the first year that 100% of our student received bOHP as part of their training, with 98% of students having the enhanced clinical experience. The pOHP clinic, housed in the general dentistry fourth year clinic continues to grow and has been a wonderful interprofessional collaboration between the Schools of Medicine - Department of Obstetrics and Gynecology and the School of Dentistry. We are fortunate to have been awarded two Schweitzer Fellowships in the past three years to continue

our peer-to-peer teaching initiative for medical student regarding principles of prenatal oral health, and to promote the BABY ORAL HEALTH PROGRAM prenatal oral health clinic at



UNC School of Dentistry. We are grateful to Blue Cross Blue Shield of North Carolina for their ongoing support of our programs and our shared passion to improve the oral health of women and children. We hope you can join our cause!

#### RESEARCH NEWS

Our department has a long history of conducting significant research in a wide range of fields targeted to improve children's oral health. We are currently involved in the areas of genetics, behavioral and health services, education, and clinical studies. The papers published this past year by members of our department are listed in this issue of the *Newsletter*. Our 1<sup>st</sup> year residents, **Jenna Alvey**, Erica Brecher, and Scott Schwartz have all made great starts on their thesis research projects. Jenna's project is "First-time mothers' intended versus actualized child oral health-related behaviors" and is mentored by Jessica Lee (2002), Kimon Divaris (2011), Bill Vann (1976), and Leslie Lytle (Professor and Chair of Health Behavior, Gillings School of Global Public Health). Erica's project is "A complex look at after-hours care in pediatric dentistry: a critical component of the dental home" and is mentored by Martha-Ann Keels (1990), Clay Bordley (Medical Director, Pediatric Emergency Department, Duke University School of Medicine), Michael Roberts, and Rocio Quiñonez (2000). Scott's project is "Sexual orientation-related oral health disparities in the United States" and is mentored by Kimon Divaris (2011), Jessica Lee (2002), and Anne Sanders (Associate Professor, Dental Ecology, UNC School of Dentistry). The Department was well-represented at the recent AAPD meeting in Boston, May 2014. Felicia Swinney (2014) presented her MS thesis paper "Caregivers' perceptions about discussing their children's weight in the dental setting", mentor: Bill Vann (1976) as a poster presentation. Shijia Hu (Fellow) was one of eight Graduate Student Research Award (GSRA) winners, and competed for the McDonald award giving an oral presentation titled "The human dentome", mentor: Tim Wright. At the same meeting, Jenna Alvey and Erica Brecher participated in the Council of Scientific Affairs. We are very proud that Eric Everett, Associate Dean for Research and professor in our department was recently named the University of North Carolina at Chapel Hill's Institutional Research Integrity Officer (RIO). As RIO Everett has the responsibility of administering UNC-CH policies and procedures on ethics in research. He also serves as the University liaison to the federal Office of Research Integrity. As such, his responsibilities will include evaluating allegations of research misconduct, protecting the rights of complainants and whistleblowers, and providing guidance and support regarding inquiries into misconduct allegations. He will also continue in his positions in our department and the School of Dentistry.

#### Welcome To Our Newest Faculty Member



The Department of Pediatric Dentistry is very excited to report that **Kimon Divaris (2011)** has accepted a full time faculty position in our Department. Kimon, who after completing our program remained on faculty in a research position, will now be a Tenure Track Associate Professor with an adjunct appointment in the Department of Epi-

demiology at the Gillings School of Global Public Health. We are very happy to have Kimon with us and extend our appreciation to Dean Weintraub for helping to make this happen.

#### **American Board of Pediatric Dentistry News**

Congratulations to Kerry Dove (2012) and Allison Eggleston (2012) for completing Board Certification and were recognized in Boston as new *Diplomates of the Ameri-*





can Board of Pediatric Dentistry.

### LIZ CROWLEY RETIRES!

On April 30, 2014 our department Business Manager for the past three years retired and with retirement comes new horizons. We hope that Liz enjoys every second of her new found freedom. Keep planting the seeds of excellence. Wishing you the best.

## News from the North Carolina Academy of Pediatric Dentistry

The Officers and Board of Directors have been busy representing the members' interest over the spring/summer of '14. Pressing issues include our ongoing collaborations with the North Carolina Dental Society in advocating for Medicaid policies that will reflect favorably on better access to care for children and patients with special health care needs. Your Board is also monitoring the North Carolina State Board of Dental Examiners' Hearings on the use of sedation. At the July 11<sup>th</sup> Hearing in Greenville, we advocated for sedation guidelines for our state that are reflective of those currently promulgated jointly by the American Academy of Pediatrics and the American Academy of Pediatric Dentistry. Recently the Board met via conference call to discuss mid-year activities. Along with a long list of agenda items, the Board embraced our fall '14 annual meeting date as Saturday, October 11<sup>th</sup>. The meeting will be held at the Sienna Hotel in Chapel Hill. Members will have a special room rate for the weekend. You can reserve rooms at

your leisure by identifying yourself as an NCAPD member when calling for reservations. should mark their calendars for an all-day CE offering to precede the annual meeting on Friday October 10<sup>th</sup> at the UNC Friday Center. This course will feature Dr. Stephen Wilson., Chair of Pediatric Dentistry at Cincinnati Children's Hospital. Sponsored by the UNC Department of Pediatric Dentistry, Dr. Wilson will address the use of conscious sedation for young, uncooperative pediatric dental patients, including safety measures to be considered. Details will be forthcoming via print/on-line notices from the UNC-SOD Office of Continuing Education. Following the Friday Center CE Course, UNC Pediatric Dentistry and NCAPD will co-host a Hospitality/Social Event at the Kenan Center on Friday evening, October 10<sup>th</sup>. NCAPD members/staff members are invited to attend. Please mark your calendars now to come for these events. Details will follow.



Please visit
NCAPD website at
www.ncapd.net

## Continuing Education at UNC-Chapel Hill

#### **2014 Spring Continuing Education Course**

Our exciting April 4, 2014, CE course "Autotransplantation-The Biologic Dental Implant: When, How and Why" featured speakers Drs. Pawel Plakwicz and Ewa Czochrowska from the University of Warsaw, Poland, and was a rousing success! A hundred and nineteen participants across multiple dental disciplines including orthodontics, oral surgery, pediatric dentistry and general dentistry attended. The speakers provided current information on the option of autotransplanting teeth. Both speakers had extensive training in Scandinavia and clinical experience in Poland. The post -course reviews raved about the presentation as being cutting edge, thought provoking, innovative, incredibly fascinating with very knowledgeable and interactive speakers. Credit should be given to department alumni, Sonny Long (1978) and John Christensen (1984), for recommending this course be scheduled and helping to make initial contact with the speakers.

The course provided 6 hours of CE credit.

#### **Fall 2014**

Yes, he is coming back! **Dr. Stephen Wilson,** Professor and Director of the Division of Dentistry of Cincinnati Children's Hospital Medical Center, is a nationally recognized expert on the use of oral sedation for children. In light of several recent catastrophic misadventures in this arena which received national press attention, you will want to be sure to attend this course. **Jessica Lee (2002), Kimon Divaris (2011)**, and **Michael Milano** will also participate and provide a current perspective on the use of oral sedation at the UNC-SOD Department of Pediatric Dentistry.

#### October 10, 2014

## "A Review of Oral Sedation of Children for Dental Procedures: Its Current Status"

William and Ida Friday Continuing Education Center University of North Carolina at Chapel Hill

Featured Speaker: Stephen Wilson, DMD, MA, PhD Professor and Director, Division of Dentistry Cincinnati Children's Hospital Medical Center

This course will provide a general overview of considerations involved in oral conscious sedation of children for dental care. Topics will include information on sedation current guidelines, clinical pharmacology, car-

diopulmonary physiology, and effects of oral agents used most commonly to sedate pediatric patients. Several recent sedation tragedies will be explored. Monitoring devices will be discussed and case presentations will be offered to stimulate discussion. A question and answer period will be include in which the course participants can interact with Dr. Wilson and members of the UNC pediatric dentistry graduate clinic sedation faculty Tuition: \$275 dentist\*

\$150 dental assistants/hygienists and other staff

\*A generous continental breakfast, a fabulous buffet lunch and two breaks with snacks and beverages are included.

Registration information for this CE offering can be obtained by calling the School of Dentistry Continuing Education Office (919)537-3400, or by going to the UNC School of Dentistry's web page at www.dentistry.unc.edu/cde

The North Carolina Academy of Pediatric Dentistry will be holding their annual session on the following Saturday morning, October 11, 2014. So, plan for a Chapel Hill weekend!

#### **April 10, 2015**

"An Update on the Current Management of Dental Trauma in Children" will bring together our featured speaker, Dr. Asgier Sigursson, Chair, Department of Endodontics, New York University College of Dentistry in addition to other international faculty appointments, and will be joined by our UNC-SOD department faculty, Jessica Lee (2002) and John Christensen (1984).

More information will follow in the Winter Edition of the *Newsletter* and mailed brochure.

The Department continues to seek identification of topics of interest to pediatric dentists, generalists and their staff who treat children. If you have a subject of special interest or a particular speaker, let us know and we will see what we can do to schedule the topic and/or speaker for a future CE course.



## **Department of Pediatric Dentistry Publications 2013-2014**

## **Manuscripts**

Xue H, Li Y, **Everett ET**, Ryan K, Peng L, Porecha R, Yan Y, Lucchese AM, Kuehl MA, Pugac MK, Bouchard J, Gibson CW. Ameloblasts require active RhoA to generate normal dental enamel. *Eur J Oral Sci* 2013;1214:293-302. PMC3711190.

Powell JC, **Koroluk LD**, Phillips CL, Roberts MW. Relationship between adjusted body mass inde Percentile and decayed, missing and filled teeth. *J Dent Child* 2013;80:115-20. Cox C, Nguyen T, **Koroluk LD**, Ko C. In-vivo force decay of nickel-titanium closed-coil springs. *AmJ Orthod Dentofacial Orthop* 2104;145:505-13.

Uceda PR, Sanzone L, Phillips CL, Roberts MW. Fluoride exposure, caregiver education, and de cayed, missing, filled teeth (dmft) in 2-5 year-old English or Spanish speaking children. *The Open Dentistry Journal* 2013;7:175-80.

**Hicks TM**, Lee JY, Nguyen T, La Via M, Roberts MW. Knowledge and practice of eating di orders among a group of adolescent dental patients. *J Dent Child* 2013;38:39-44.

**Quinonez RB**, Kranz A, Long CM, Rozier RG. Care coordination among pediatricians an dentists: A cross-sectional study of opinions of North Carolina dentists. *BMC Oral Health*, 2014. Apr7; 14:33.doi:10.1186/1471-6831-14-33.

**Quinonez RB**, Nelson T. Pediatric behavior guidance in the 21<sup>st</sup> century workshop C report: Advocacy and policy. *Pediatr Dent* 2014;36(2):102-4.

Silk H, **Quinonez RB.** Clinical set problem in oral health. *Core Content Rev Fam Med.* 2014;4 (2):511-6.

Ruiz V, **Quinonez RB**, Wilder R, Phillips C. Infant and toddler oral health: Attitudes and practice behaviors of North Carolina dental hygienists. *J Dent Educ* 2014;78:146-56.

McFarland T, **Quinonez RB**, Phillips C, **Lee JY**. Provision of preventive oral health services to Infants and toddlers: North Carolina general dentists' readiness. *J Oral Health Comm Dent* 2013; (3):140-7.

Lewis CW, Barone L, **Quinonez RB**, Boulter S, Mouradian WE. Chapter oral health advocates. A national model for peer education and advocacy about oral health. *Int J Dent* 2013; doibl 10.1155/2013/498906. Epub 2013 Oct 21.

Krol DM, **Quinonez RB**. Balancing the risks and benefits of inoculating children with oral bacteria. Pediatrics 2013. June e-letter. Available <a href="http://pediatrics.aappublications.org/content/131/6/e1829">http://pediatrics.aappublications.org/content/131/6/e1829</a> reply#pediatrics el 55898

### **Department of Pediatric Dentistry Publications 2013-2014 (continued)**

D'Souza RN, Dunnvald M, Frazier-Bowers S, Polverini PJ, **Wright JT**, de Rouen T, Vieira AR. Translational genetics: advancing fronts for craniofacial health. *J Dent Res* 2013: 9 (12):1058-64 PMID: 24097854

Pugach MK, Suggs C, Li Y, **Wright JT**, Kulkarni AB, Bartlett JD, Gibson CW. M180 amelogeninp Processed by MMP20 is sufficient for decussating murine enamel. *J Dent Res* 2013: 92(12):1118-22. PMID:24072097

**Wright JT**, Hanson NR, Ristic H, Whall C, Estrich C, Zentz R. Fluoride toothpaste efficacy and safety in children less than six years of age: A systematic review. *JADA* 2014:145:182-9. PMID:24487610

Frazier-Bowers SA, Hendricks HM, **Wright JT**, Lee J, Long K, Dibble CF, Bencharit S. Novel mutations in PTH1R associated with primary failure of eruption and osteoarthritis. *J Dent Res* 2014:93(2):134-9. PMID:24300310

Bencharit S, Byrd WC, Mack CR, Border MB, **Wright JT**. Full mouth rehabilitation for a patient with dentinogenesis imperfecta: A clinical report. *J Oral Implantol* 2013 Jan 4. [Epub ahead of print] PMID: 23289878

Foster BL, Ramnitz MS, Gafni RI, Burke AB, Boyce AM, Lee JS, **Wright JT**, Akintoye SO, Somerman MJ, Collins MT. Rare bone diseases and their dental, oral, and craniofacial manifestations. *J Dent Res* 2014. Apr3;93 (7suppl);7S-19S.

Li Y, Konicki WS, **Wright JT**, Suggs C, Xue H, Kuehl MA, Kulkarni AB, Gibson CW. Mouse genetic background influences the dental phenotype. *Cells Tissues Organs* 2014 Apr 8. [Epub ahead of print] PMID:24732779

**Lee JY, Divaris K**. The ethical imperative of addressing oral health disparities: A un fying framework. *J Dent Res* 2014;93:224-230. PMID: 24189268 PMCID: PMC3929974.

**Vann WF Jr., Divaris K**, Baker D, Gizlice Z, **Lee JY**. Caregivers' health literacy and their young children's oral health-related expenditures. *J Dent Res* 2013;92(7 Suppl):S55 62. PMID: 2369035

**Hom JM**, Burgette LF, **Lee JY**. The effect of North Carolina hospital payor mix on dental-related pediatric emergency room utilization. *J Public Health Dent* 2013;73(4):289-96.

McFarland T, **Quinonez RB**, Phillips C, **Lee JY**, Chung Y. Provision of preventive oral health services to infants and toddlers: North Carolina general dentists' readiness *J Oral Health Comm Dent* 2013;7(3)140-147.

### **Department of Pediatric Dentistry Publications 2013-2014 (continued)**

Jackson TH, Mitroff SR, Clark K, Proffitt WR, **Lee JY**, Nguyen TT. Face symmetry assessment abil ties: Clinical implications for diagnosing asymmetry *Am J Orthod Dentofacial Orthop* 2013;144:663 71.

Ng MW, Ramos-Gomez F, Lieberman M, **Lee JY**, Scoville R, Hannon C and Maramaldi P. Disease management of early childhood caries: ECC Collaborative Project. *International Journal of Dentistry*, 2014. doi:10.1155/2014/327801

Sanzone LS, Lee JY, Divaris K, DeWalt DA, Baker AD, Vann WF Jr. A cross sectional study ex amining social desirability bias in caregiver reporting of children's oral health behaviors. *BMC Oral Health* 2013, 13:24. DOI: 10.1186/1472-6831-13-24. PMC368018

**Hom J, Lee JY**, Silverman J, Casamassimo P. Adherence of state ESPDT guidelines to profession ally recommended best oral health Practices. *JADA* 2013;144:297-305. PMID: 23449906.

**Lee JY**, Stucky BD, Rozier RG, Lee SY and Zeldin LP. Oral health literacy assessment (OHLA): Development of an oral health literacy instrument for Spanish speakers. *J Public Health Dent* 2013;73 (1):1-8. doi: 10.1111/jphd.12000. PMID: 23215757, NIHMSID:415362

Beil H, Rozier RG, Preisser JS, Stearns SC, **Lee JY**. Effects of early dental office visits on dental caries experience. *Am J Public Health*. Published online ahead of print October 17, 2013: e1–e7. doi:10.2105 AJPH.2013.301325.

Stowers ME, Lee JY, Majewski RF, Estrella MR, Yalor GW and Boyton JR. Oral health literacy: Awareness and practices among pediatric dentists. *Pediatric Dentistry* 2013 35(5), 430-434

#### **Abstracts**

**Divaris K, Vann WF Jr**, Kranz AM, **Baker AD**, Lee JY. Medical office-based preventive dental services and children's oral health-related expenditures. *J Dent Res* 2014; 93 (Special Issue A):828.

Tang D, Phillips C, Proffit W, **Koroluk L**, White R. Quality of life affects third molar decisions in per coronitis subjects. *J Dent Res* 2014, 93 (Spec Iss A):1252, 2014 (www.dentalresearch.org).

**Koroluk LD**, Zhong JC, Proffit WR. Utilization of web-based teaching modules. *J Dent Educ* 2014;78:303-4.

Lee JY, Divaris K, Kranz AM, Baker AD, Vann WF Jr. Young Medicaid-enrolled children's oral health status and oral health-related expenditures. *J Dent Res* 2014; 93 (Special Issue A):154.

Vann WF jr, Divaris K, Baker AD, Kranz AM, Lee JY. Longitudinal changes in oral health lite acy among a low-income population. *J Dent Res* 2014; Vol. 93 (Special Issue A):69.

Kranz AM, Lee JY, Divaris K, Baker AD, Vann WF. Location of North Carolina Medicaid provi ers of pediatric dental services. *J Dent Res* 2014; 93 (Special Issue A):530.

## **Department of Pediatric Dentistry Publications 2013-2014 (continued)**

Lipp K, Ambrose W, Ryan K, Yan D, **Wright JT**, **Everett ET**. Fluoride's effects on enamel crystallite morphology between mouse strains. *J Dent Res* 2014; 92 (Spec Iss A): 585.

Katz L, Ryan K, Overbeek PA, Hoglund V, **Everett ET**. Reduced expression of COL11A1 associated with cleft palate and chondrodysplasia. *J Dent Res* 2014; 93(Spec Iss A): 1382, 2 (www.dentalresearch.org)

Boukas E, Zimmerman HA, Alazzam M, Ryan K, **Everett ET**. QTL mapping and Shh gene expression during interfrontal bone formation. *J Dent Res* 2014, 93(Spec Iss A): 1053, 2014 (www.dentalresearch.org)

Nagasawa M, Mendonca DBS, Mendonca G, Liang R, Yang S, Ogino Y, Cooper LF, **Everett ET**. Bone marrow cells influence on mesenchymal stem cell osteogenic potential. *J Dent Res* 2014, 9 (Spec Iss A): 971, 2014 (<a href="https://www.dentalresearch.org">www.dentalresearch.org</a>)

Alazzam M, Boukas E, Ryan K, Overbeek PA, **Everett ET.** Mutation of Runx1t1: growth delay, cleft palate and rib anomalies. *J Dent Res* 2014; 93(Spec Iss A): 1390, 2014 (<u>www.dentalresearch.org</u>

Pugach MK, Xia Y, Suggs C, Mudgal C, Li Y, Kulkani AB **Wright JT**, Gibson CW. Amelogenin isoforms and cleavage products impact enamel mechanical properties. *J Dent Res* 2014; 93 (Spec Iss A): 962.

**Hu S**, Suggs C, **Wright JT**. Unraveling the human dentome. *J Dent Res* 2014; 93 (Spec Iss A): 955.

**Wright JT**, Carrion IA, Morris C. The molecular basis of hereditary defects of enamel in hu mans. *J Dent Res* 2014; 93 (Spec Iss A): 967.

Suzuki M, Dierant ML, Antone JV, **Everett ET**, Whitford GM, Bartlett JD. Uncoupling Protein-2 is an antioxidant that is up-regulated in the enamel organ of fluoride-treated rats. International Conference on the Chemistry and Biology of Mineralized Tissues (ICCBMT), October 2013, Lake Geneva, WI, USA.

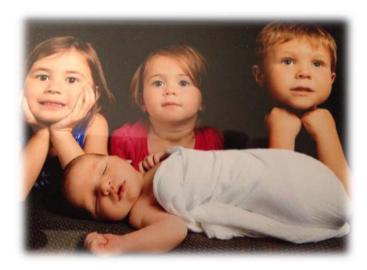
#### **Online Publications and Web Sites**

**Wright, JT**. Developmental defects of the teeth. UpToDate. Wellesley, MA (http://www.uptodate.com/contents/developmental-defects-of-the-teeth?) 9 (1):2-7, 2001 – Feb 2014

**Wright JT**, Grange DK, Richter MK. Hypohidrotic Ectodermal Dysplasia. 2003 Apr 28 [ Updated 2014 May 15]. In: Pagon RA, Adam MP, Ardinger HH, et al., editors. GeneReviews® [ Internet]. Seattle (WA): University of Washington, Seattle; 1993-2014. Available from: <a href="http://www.ncbi.nlm.nih.gov/books/NBK1112/">http://www.ncbi.nlm.nih.gov/books/NBK1112/</a>

**Quinonez RB**, Stein M, Lorenz C. "For Parent Portal": Baby Oral Health Program. University of North Carolina at Chapel Hill, 2014.

#### CHILDREN AND GRANDCHILDREN OF THE DEPARTMENT



We are pleased to announce that our Department has grown just a little bigger with the addition of *Nathan Boyle* the grandson of Sally Engler. Sally, a dental assistant in our department welcomed baby Nathan, who is her fourth grandchild. Congratulations Sally!

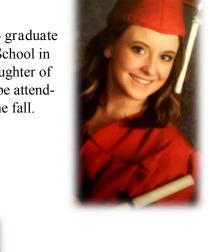


Tyson Carl Poe, a rising Senior at Alamance High School, in Graham was the recipient of the 2014 All-Conference and Best Defensive player baseball awards. Tyson is the grandson of Sarah Howard. Congratulations, Tyson!



Congratulations to the Fetners! Baby "*Iris Anne*" arrived Thursday, June 5th. She weighed 6 lbs and 6 ozs and for some reason, she didn't want to wait until after her scheduled party on Friday to arrive! The proud parents are **Maggie Fetner** (2014) and James Fetner and big brother Grabriel.

Josey Annette Sirls, a 2014 graduate of Chatham Central High School in Bear Creek, is the granddaughter of Sarah Howard. Josey will be attending Appalachian State in the fall. Congratulations Josey!





John Christian Sirls, a 2014 graduate of Appalachian State is the grandson of Sarah Howard. Christian received his degree in Criminal Justice, he will be completing his internship with Watauga County Sheriff Department. Congratulations Christian!

## Gifts Support Excellence in Pediatric Dentistry

You can support the future of pediatric dentistry in North Carolina and the nation by supporting the different professorships and resident fellowships in the Department of Pediatric Dentistry at the University of North Carolina. Donations can be directed to your favorite fund listed on the Pledge Card below.

If you are interested in establishing a new fellowship fund and naming it in honor or memory of an individual, your donations can be directed to this named fund through the Dental Foundation of North Carolina, Inc., the UNC School of Dentistry's nonprofit foundation.

Many individuals would like to make major gifts to UNC but cannot commit current assets for this purpose. Through a will you can make a more significant gift than you might have ever thought possible by designating a specific sum, a percentage or the residue of your estate to the Department of Pediatric Dentistry. There are many options for providing a bequest that will leave a legacy of support for excellence in pediatric dentistry. To learn more about starting a new fellowship or making a bequest, please contact Paul Gardner or Nicole Quallen at the Dental Foundation at (919) 537-3257 or by email at paul gardner@unc.edu or quallen@unc.edu

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#### WHAT IS HAPPENING WITH YOU?

This *Newsletter* goes to more than 350 of our Department alumni and friends. We get many comments on how much everyone enjoys keeping up with friends and events through the *Newsletter* grapevine. But we need you to let us know what is going on in your lives so we can share. Please use this page to pass on news to us that we can include in our next publication! Also, pictures are greatly appreciated.

Please send us personal or professional news that may be of interest to alumni and friends of the Department.

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