**Chairs Corner**

**An Air of Change**

One of the biggest issues facing dentistry at the national, state and local levels is the access to oral health care problem. Over the past year debates have raged over how best to address this crisis in Alaska with dental therapists being one of the most controversial solutions proposed. North Carolina continues to be ranked as a state with one of the lowest dentist to population ratios and a serious problem with access to oral health care. Programs and proposals to deal with the access issue at the state level, such as the “Into The Mouths of Babes” program and consideration of a new dental school at Eastern Carolina University also are highly controversial.

Regardless of one’s stance on the specific issues, there seems little doubt the access issue and how it is addressed will change dentistry. Ideally these changes will result in better oral health for all people and in a dental health care and educational system that is robust enough to meet the nation’s needs. It is certainly a critical time to consider access to issues with an open mind and that the approaches and actions taken are based on the best available information and the people’s best interests.

As you browse through this newsletter you will see a variety of areas where the Department has continued to excel at fulfilling its teaching, research and service missions and working to address access to care. Some notable accomplishments over the past academic year included a major review and implementation of numerous substantive changes in the undergraduate program. Nearly a quarter of the undergraduate dental students at UNC participated in our new Baby Oral Health Program (BOHP) having hands on experience with infants and providing anticipatory guidance to their parents. It is our goal that all UNC dental graduates

(See Change on page 2)

**Cincinnati AAPD Annual Session**

**Alumni Shine**

Alumni and Friends on parade at the recent AAPD Annual session in Cincinnati: Michael Ignelzi (1992) of Ann Arbor moderated an all day session “Contemporary Insights into Caries”. Mike was also a finalist for the Foundation Research Award for his presentation entitled “Sorting stem cell antigen-1 isolates with osteo-, chondro-, and adipose-progenitors from murine skull.” Faculty members Diane Dilley and Mike Roberts continue to provide strong leadership for the College of Diplomates of the American Board of Pediatric Dentistry. For 2006-07, Mike was elected President of the College and Diane will continue to serve as Secretary-Treasurer.

Elliott Shulman (1980) of Morganton, WV continues to serve on the Board of Trustees of the Academy.


Elizabeth Shick (2006) of Raleigh was one of eight national Graduate Research Award Winners for 2006, recognizing her MPH research on WIC and oral Health with Jessica Lee (2002) and Gary Rozier (DDS 1972). Liz deferred competing in the Ralph McDonald Research Award competition this year because she was unable to travel to Cincinnati because of her soon-to-arrive new family member! She

(See Shine on page 2)
will be comfortable and competent to provide infant oral health care and anticipatory guidance to parents. These efforts have been accomplished largely through the leadership of **Rocio Quinonez (2000)**. We will continue to look to her for leadership in this arena as we move towards having all undergraduate students benefit from experience in our BOHP clinics. I also am extremely pleased to announce that Rocio joined us as a full-time faculty member July 1st, 2006. After completing her pediatric dentistry residency at UNC Rocio went on to complete a Robert Wood Johnson Fellowship and then received her MPH degree from the UNC School of Public Health. Of course Rocio did all this while also participating in private practice, working at the Durham County Health Department, and, oh yeah… being a mom.

**Mike Milano** completed his first year as Graduate Program Director and was outstanding in bringing new perspectives to patient care in our graduate clinics. Mike has made several changes in the graduate program that will provide important new patient care experiences. We look forward to his continued leadership.

Faculty transitions have become part of everyday life in the Department. The latest transition is that Mike Roberts will begin a three year phased retirement program beginning July 1st, 2006. Mike has severed as the Graduate Program Director, Chair of the Department and will continue to oversee our ever expanding operating room activities and serve as Associate Chair of the Department. Although phased retirement is a 50% time commitment, we anticipate Mike will only work 40 hours a week instead of 80.

**Tom McIver (1970)** just finished his 3 years of phased retirement but has agreed to stay on board and help continue the many activities he has become renowned for. Tom will be with us half time and will continue to head our special patient care activities.

Our research and scholarly activities are at an all time high with numerous projects having been completed that specifically address issues related to access to oral health care, recruitment of future dental educators and other important oral health care issues.

As the Department begins this new academic year we are positioned with outstanding faculty, staff and residents to have another highly productive and successful term. We continue to look forward and work towards addressing the many oral health issues that face the children of North Carolina and the nation through our education, research and service missions. Your support and efforts to help us complete these undertakings is greatly appreciated and I look forward to working with you in this new academic year as we endeavor to improve the oral health of children.

---

**Shine**

will compete for the McDonald Award in 2007 in San Antonio. **CONGRATS Liz!**

**Tegwyn Hughes Brickhouse (2002)** of Richmond was a mentor for several poster presentations given by residents from the Medical College of Virginia. She was also the mentor for a DDS Student who won an American Association of Dental Research National Student Research Group Award in Pediatric Dentistry (co-sponsored by AADR/AAPD) entitled "A study of childhood caries in siblings using the caries risk assessment tool (CAT)". KUDOS to Teg!

**Rocio Quinonez (1998)** of Durham was a speaker and the moderator for “Collaborations between Pediatric Dentistry and Medicine”. This program was sponsored by the AAP Section on Pediatric Dentistry, chaired by **Martha Ann Keels (1990)** of Durham.

**Julie Molina (2008)** of Chapel Hill was awarded one of the AAPD Foundation’s three national OMNII Fellowships for 2006-07. Julie keeps alive our incredible unbroken streak of OMNII Awards during each of the eight years of competition and a total of nine OMNII Awards over the eight-year history of the competition. Award winners receive $7500 for research support, travel and a stipend supplement. Julie’s research project is entitled “Traumatic Root Fractures in Children and Adolescents: Diagnostic and Clinical Considerations”. Her mentor is **Bill Vann (1976)** with research committee members **Jessica Lee (2002)** and Endodontic faculty members Judy McIntyre and Martin Trope.

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**Save this date for next year!**

“Oral Conscious Sedation of Children: Critical Issues for Success and Safety”

Stephen Wilson, DMD, MA, PhD
Diane C. Dilley, DDS
William F. Vann, Jr., DMD, MS, PhD

Friday, March 30, 2007
9:00 a.m. - 4:30 p.m.

See page 5 for details
News of Alumni and Friends

Kudos to those of you who serve as volunteers for the NC Give Kids a Smile initiative! The county-by-county roster of GKAS Chairs reads like a roll call of alumni and friends of the department. Special thanks to Scott Cashion (1994) of Greensboro who served this year as the State Co-Chair of GKAS.


Martha Ann Keels (1990) of Durham was a featured speaker at the Annual Session of the North Carolina Dental Society in Myrtle Beach in May. Her topic was “Are you evaluating everything you should for your pediatric patients?”

Elliott Shulman (1980) of Morgantown, WV has retired from the US Air Force and is now serving as an Associate Professor and Division Chief of Pediatric Dentistry at the University Of West Virginia School of Dentistry. Elliott: CONGRATS on your tenure of service!! Remember Marilyn and Elliott’s son Jeff who was born here while Elliott was a resident with us? He’s now flying F-16s in the USAF!

Jessica Lee (2002) of Chapel Hill is serving this year as Chair of the Orange County Board of Health.

Mark Meyer (DDS 1986) of Winston-Salem is serving as Secretary of the Southeastern Society of Pediatric dentistry. SESPD Board members include Scott Goodman of Mathews and Kim Jones (DDS 1991) of Hickory.

Several Alumni and Friends are serving on the Editorial Board of The Journal of Pediatric Dental Care, a publication of the Southeastern Society of Pediatric Dentistry, including faculty members Mike Roberts and Tim Wright of Chapel Hill and Martha Ann Keels (1990) of Durham.

Residents’ Appreciation Banquet 2006

Once again the recently renovated Graham Memorial Building served as the site of our Annual Residents’ Appreciation Banquet, which took place on June 17th. This annual gala allows parents, spouses, faculty, staff and special guests the opportunity to recognize the achievements of our department’s nine residents. This was also the last opportunity to honor our senior residents Ron Hsu, Kavita Mathu-Muju and Halley White.

Pediatric Dentistry 2005-06

Graduate Student Awards 2005-2006

Elizabeth Shick (2005) was one of eight finalists for the American Academy of Pediatric Dentistry’s Graduate Student Research Award for her research entitled, “The Determinants of Dental Referral Practices Among WIC Nutritionists in North Carolina.” Secondary to maternity reasons, Elizabeth will compete for the Ralph McDonald Award in 2007.

Ron Hsu (2006) was the recipient of the NCAGD Award given at the School of Dentistry’s Table Clinic Competition for his poster entitled, “Recruitment of Dentists by Military Services: Implications for Academia.”

Halley White (2006) was named a School of Dentistry Ann and G. Randolph Babcock Fellow for 2005-06. This prestigious award carries a generous salary stipend.

Tom Bouwens (2007) received the Clinical Science Award given at the School of Dentistry’s Table Clinic Competition for his poster entitled, “Developmental Considerations in Mesiodens Removal: A Treatment Algorithm.” In addition, Tom was the coauthor of two manuscripts that were published in Pediatric Dentistry. They were entitled “The Childhood Obesity Epidemic: A Role for Pediatric Dentists?” and “Examining the Cost-effectiveness of Early Dental Visits.”

Julie Molina (2008) was awarded one of three 2006-07 national OMNII Research fellowship Awards that support graduate student research activity. This award will help underwrite her research entitled, “Traumatic Root Fractures in Children and Adolescents: Diagnostic and Clinical Considerations.”

Kavita Mathu-Muju (2006) has received the inaugural award of the Anthony Westwater Jong Memorial Community Dental Health Post-professional Award from the American Public Health Association. The award is sponsored by the OMNII Oral Pharmaceuticals. Kavita’s research was titled “The opinions of early Head Start staff about the provision of preventive dental services by primary medical care providers.” Her research mentors were Gary Rozier (DDS 1972) from the School of Public Health and Jessica Lee (2002).
Graduate Education at UNC

Endowing Pediatric Dentistry Education

Through the generosity of our alums, UNC dental school grads and friends of the Department we have been able to establish three funded professorships and seven graduate fellowships. These funds are critically important in building the foundation to maintain an outstanding faculty and residency program in pediatric dentistry at UNC.

Caldwell-Christensen Graduate Fellowship Established
A recently named fellowship was initiated by Rob Moran (1997) and Richard Brooks (DDS 1994) to honor the many academic contributions of two faculty members John Christensen (Ped Dent 1984, Ortho 1986) and Phil Caldwell (1974). Those of you having worked with John (covers Friday Malocclusion Management and Ortho) and Phil (covers Graduate and Sedation Clinics) know these individuals to be gracious, caring and always interested in helping the residents improve their knowledge base and skills. Both have also participated in helping teach our practice management series and provide clinical practice elective opportunities. Rob and Richard generously initiated this fund with a $45,000 commitment in early spring and several of you have already added your contributions and commitments helping us take this fund rapidly towards its goal of endowment at $100,000.

Tom McIver Graduate Fellowship Established
The graduating residents in the class of 2006 (Halley White, Ron Hsu, Kavita Mathu-Muju) left as part of their legacy the establishment of a graduate fellowship fund that honors Tom McIver (DDS 1965, Ped Dent 1970). This is a most fitting tribute for the plethora of academic accomplishments and contributions that Tom has made since he joined the Department in 1970. Many of you have had the pleasure of working with Tom and benefit from his passion and knack for managing special patients and behavioral issues. The residents presented Tom with a check at the Residents’ Appreciation Banquet and in doing so set a precedent for graduate students to initiate a fellowship fund. We look forward to working with Halley, Ron and Kavita, and all those wishing to show their appreciation for Tom’s many efforts, in helping this fund meet its $100,000 endowment goal.

Bawden Professorship: Hold the Date
Our third and most recently endowed professorship honors Dr. Jim Bawden who had an illustrious career as a teacher, researcher, administrator, and leader in Pediatric Dentistry. Through a grass roots effort and dynamic steering committee we were able to raise the $333,000 required to be eligible for the state contribution of $167,000. We will celebrate reaching this significant goal and honoring Jim after our fall CE course Friday, October 13th, 2006. Please reserve this evening and mark your calendar so you can join us in this wonderful celebration of Jim Bawden and his many accomplishments in pediatric dentistry.

Tom McIver along with Kavita Mathu-Muju, Ron Hsu and Halley White.

Phil Caldwell

John Christensen

Jim Bawden
Continuing Education at UNC

The Department has planned two outstanding continuing education courses this fall and next spring which we believe you, your staff, your spouse or significant other will not want to miss. So, please get these on your personal and office calendar now!

**Fall 2006**

“Effective Child Management (and Parent Management, Too)”
John K. Rosemond, MS
Friday, October 13, 2006
9:00 a.m. - 4:30 p.m.
Registration and continental breakfast to begin at 8:30 a.m.
William and Ida Friday Continuing Education Center
University of North Carolina at Chapel Hill

This course is being co-sponsored by the Departments of Pediatric Dentistry and Orthodontics.

John Rosemond is a North Carolina family psychologist who has his own opinions on traditional psychology of child development. He has written 10 best-selling books on parenting and family life, and his nationally syndicated newspaper column appears in more than 200 papers nationwide. Come and be stimulated, enlightened, educated and entertained by America’s most in-demand speaker on parenting issues.

Fifty years ago, when pediatric dentistry was in its infancy, children often came to their dental appointments without a parent. They respected adults as authoritative figures and followed the instructions of the dentist with little or no resistance or fuss. What has happened over the years? Mr. Rosemond places much of the blame on his own profession, psychology, for the behavior problems children present to the dentist and society today. He believes that today’s parents think discipline is all about correct selection of consequences, consistently applied. He will discuss effective discipline skills and today’s compromising elements. This course is for everyone who interacts with children!

The course includes continental breakfast, two breaks with snacks and liquid refreshments, and a fabulous lunch with desserts to die for!

**Tuition:**
- $270 Dentist
- $135 Team members/spouses accompanied by the dentist.
- $150 Team members/spouses not accompanied by the dentist.

**Spring 2007**

“Oral Conscious Sedation of Children: Critical Issues for Success and Safety”
Stephen Wilson, DMD, MA, PhD
Diane C. Dilley, DDS
William F. Vann, Jr., DMD, MS, PhD
Friday, March 30, 2007
9:00 a.m. - 4:30 p.m.
Registration and continental breakfast begin at 8:30 a.m.
William and Ida Friday Continuing Education Center
University of North Carolina at Chapel Hill

Dr. Stephen Wilson, Professor and Director of the Division of Dentistry of Cincinnati Children’s Hospital Medical Center will be the featured speaker. Drs. Dilley and Vann from the UNC-CH School of Dentistry faculty will provide the North Carolina perspective to the course. Dr. Wilson is a member of the ADA’s task force on anesthesia and sedation and has been a consultant to the Federal Drug Administration on sedation, the National Institutes of Health, and the Ohio Dental Board. He has published over 90 papers, contributed to numerous reference and textbooks, and presented at numerous local, national, and international meetings.

Registration or additional information for both of these excellent courses can be obtained by calling the UNC School of Dentistry’s Office of Continuing Education at (919)966-2729, or on-line at [www.dent.unc.edu/ce.ced](http://www.dent.unc.edu/ce.ced). If you have questions you can also get additional information by emailing the CE office at: CDE@dentistry.unc.edu
GENEROSITY OF ALUMNI AND FRIENDS

Your gifts to the UNC-CH Department of Pediatric Dentistry's development funds which are acknowledged below include only those received and credited by the Dental Foundation of NC in the calendar year 2005. We want to express our most sincere "thank you" for your continued generosity. Your gifts support our residents' training, improve our graduate library, and acquire new technology to enrich the residents' educational experience. Contributions to one of our "Distinguished Professor" funds help support future recruitment and retention of present and future faculty. In a time of continued reduction in state and university support the value of these gifts cannot be overstated.

Gifts received are invested and the interest from the funds is used to meet our graduate program needs described throughout this Newsletter. Your commitment to improving the graduate program is not lost on our residents, and it continues to help cement the bonds among our past, present and future alumni and friends.

$10,000 plus
American Chemistry Council
Jim Congleton III

$4,000 plus
Bill Chambers
Jim Brittain
Stephanie Chen

$3,000 plus
Bobby Elliott
Bryan Cobb
Ed Miller

$2,000 plus
Roslyn Crisp
Larry Dempsey
Scott Goodman
Mike Hasty
Gene Howden
Dan Howell
LaRee Johnson
Leslee Lancaster
Sonny Long
Chuck Mauney and Lenise Clifton
Mike Mayhew
Bo Parrish
Gina and Vic Spangler
Bill Vann

$1000 plus
Angie Baechtold
Jim Bawden
John Christensen
Diane and Gary Dilley
Marc Goldenburg
Johnny Johnson

$500 plus
Carrie Arquitt
Winborne and Dudley Chandler
Krissy Coffield
Julie Dimock
Roy Green
John Iwasaki
Ted Oldenburg
Frank Stout
The Pearls Study Club
Bart Swarr

$250 plus
Frank Courts
Lorne Koroluk
Kate Pierce
Mike Tencza
Mike Walker

$150 plus
Jerry Butler
Tom Melver

Other Gifts
Alan Babigan
Ann Bass
Phil Caldwell
Dimock and Weinberg
Craig Elice
Sally Engler
Catherine Evans
Henry Fields
Catherine Freeman
Ryan Haldeman
Milo Hoffman
Nancy and Ted Holcher
LH Hutchens
Meg Lochary
Heidi Mangelsdorf
Nancy Marks
Milner Library Hospitality Cmt
Byron Moore
David Olson
Rocio Quinonez
Jim Reed
Lauren Rimland
Mike Rossitch
Gene Sandler
Henry Sawyer
Marianne Sheroan
Elizabeth Shick and Dave Beebe
Nancy St. Onge
Kathleen and Don Tyndall
Halley White
Alumni and Friends on the Move

Three New Alumni
Class of 2006 to join the “Real World”

Ronald Hsu (2006) will be moving across the country and will be joining a private practice in Vancouver, Washington.

Kavita Mathu-Muju (2006) will be pursuing a career in academics at the University of Kentucky College of Dentistry.

Halley White (2006) will be remaining in North Carolina. She and her family will be relocating to Wilmington where Halley will be starting her own practice.

RESIDENT’S CORNER

Charged to write an update on the UNC pediatric dentists to be, I began to contemplate what makes my co-residents happy.

Juggling a new family and first year duties, Julie seems to enjoy. From one event to another, she rides in her new toy.

Rhonda now has a smile on her face all the time I suppose her new guy “friend” must be sublime.

From what I hear, Big Tone is bouncing off the wall. In his anesthesia rotation, he is having a ball.

When not teaching oral hygiene at his wife’s school, Tom can be found soaking up rays by the pool.

Matt’s working harder than ever in the operating room But don’t worry, soon enough to the beach he will zoom.

Although sleep is one luxury mom Halley cannot afford, With her new baby Bennett she’ll never be bored.

To schools around the country Kavita is flying, And to woo her to teach, many meals they are buying.

For a Washington state practice, Ron’s plans are set. Soon he’ll be off to his new home and to pay off his debt.

And what you may ask is going on with me? Almost through with poem duty I’m happy to be.

Jenny Jackson

Residents clowning around left to right: Rhonda Kearney, Tom Bouwens, Matt Goslee, Kavita Mathu-Muju, Ron Hsu, Julie Molina, Antonio Braithwaite, Halley White and Jenny Jackson.
Congleton Leadership Fellows Take Flight in Cincy

Most of you will recall that in 2005 we announced a re-direction of the Jim Congleton Fund to honor Jim’s legacy of advocacy on behalf of underserved children in NC and his leadership to our state and the Academy. A member of the alumni class of 1977, Jim practices in New Bern and has served the NCAPD, the DFNC, the AAPD, the Academy’s Foundation and the ABPD Foundation in a variety of leadership positions. The Congleton Fund is a university-named fund in his honor and it has been supporting our residents since 1999.

Last year in Orlando, first year residents, Tom Bowens, Matt Goslee and Jenny Jackson served as the inaugural JB Congleton Leadership Fellows by attending the AAPD Board of Trustees as observers under the tutelage of Jim Crall, the Academy Child Advocate. The Fellows also attended several council and committee-related activities to gain a broader perspective on the Academy’s policy development process. This experiential leadership training was judged enormously successful last year by all involved.

This year in Cincinnati first-year residents Antonio Braithwaite, Rhonda Kearney and Julie Molina served as the second round of Congleton Fellows. Again under the tutelage of Dr. Crall, the Fellows attended the pre-session BOT meeting as well as various and Council and Committee/Subcommittee activities, the latter under the mentorship of Jessica Lee (2000).
The NCAPD annual meeting will be held Saturday October 14, 2006 at the Radisson Hotel, Research Triangle Park. Our business meeting will begin at 7:15 a.m. and the entire morning will be reserved for NCAPD business with adjournment by noon. The hotel is located at the intersection of Highway 54 and Davis Drive. A block of rooms have been reserved and reservations may be made by calling (919) 549-8631 and ask for the North Carolina Academy of Pediatric Dentistry room block.

Our reception will be held Friday October 13, 2006 from 5:30 - 7:30 p.m. at the Kenan Conference Center adjacent to the Dean Smith Center Complex off Manning Drive. This reception will be held to celebrate the formal announcement of the University recognized James W. Bawden Professorship in Pediatric Dentistry. We hope everyone will be able to attend this celebration.

We welcome to the NCAPD the following new members and officers for 2005 – 2006:

**New Active Members**
Joyce Biberica
Amy Cummings
Sangita Doshi
Michael Milano
Lorette Polite-Young
Robert Young
Richard Reid
Elizabeth Shick
Nikki Tucker
Maria Wang

**New Officers and Directors 2005 – 2006:**
President — Gail Rohlfling
Vice President — Scott Cashion
Secretary/Treasurer — Diane Dilley
Directors — Lenise Clifton (1 year), Rob Moran (2 years), Lee Lewis (3 years), Scott Goodman
SSPD Director — Richard Reid
Medicaid Liaison — Elizabeth Shick
NC-AAP Liaison — Nikki Tucker
Editor — Maria Wang

**New Affiliate Members**
James Casey, II
Sandy Stovall
Tracy Waters

**Saturday October 14, 2006 — Chapel Ridge**

**The 16th Annual Golf Tournament**

The 16th annual “Grip it and Rip it” golf tournament will be held on October 14, 2006 in conjunction with the annual NCAPD meeting. The tournament will be held at Chapel Ridge, a new Fred Couples designed course in Chatham County. The same corporation that built The Preserve, where the tournament has been held a number of times, has developed this new residential community and course. The course opened in early 2006 and is more forgiving and friendlier than the Preserve. The course website is www.chapelridgegolf.com. Everyone regardless of skill level is welcome to come out after the meeting for a fun-filled afternoon with colleagues and friends.

Infant dental care has been an integral part of our DDS pediatric dental curriculum here at UNC-CH for almost a decade and for over five years we have offered infant dental care AHEC-CE courses for dental team members. Since the fall of 2005, however, our Baby Oral Health Program (BOHP) has provided a unique and additional opportunity for dental students and residents to learn the clinical application of this experience. And we have recently completed our first year of BOHP activities. This fall we will expand our BOHP sites to include the Lincoln Community Health Community Center in Durham, the UNC Children’s Hospital-based Continuity Care Clinic and an Early Head Start component to be piloted in our school-based clinic.

Other exciting news on the BOHP horizon includes a recent grant from the Dental Foundation of North Carolina to develop a DVD for student training on infant oral health care. This will help standardize our teaching protocols and provide an important foundation for the clinical principles for the care of infants and toddlers. The DVD will feature various faculty members and is due for release this fall. Our grant will also provide support for a translator to assist with Spanish-speaking caregivers and communicating with families who come for infant oral health counseling and services.

As we plan for the future, we will continue to expand the number of DDS students who annually receive the BOHP experience. We have targeted the Class of 2009 as the first one wherein all will complete the clinical component of BOHP as one of the fundamental components of our pediatric dental education. Increasingly, as our DDS graduates enter practice, more and more will have the educational experiences to see babies and we believe this is an important avenue to help address access to care for young children in our state. Stay tuned for more BOHP updates in future Newsletters!

Rocio Quinonez (2000), director of BOHP, and friends.
The initiative to promote board certification and significantly increase the number of board certified pediatric dentists in the American Academy of Pediatric Dentistry continues and was met with great success this year. A total of 143 new Diplomates were introduced at the College of Diplomates annual breakfast meeting in Cincinnati on May 27, 2006 which included ten UNC graduates and NCAPD members. UNC alumni Teg Brickhouse (2002), Lina Cardenas (2002), Bobby Elliott (1998), Jessica Lee (2002), Dorothy Pang (1991), Rocio Quinonez (2000) and Matt Savage (2004) became board certified this year. NCAPD members Lee Lewis from Greenville, Cynthia Neal (DDS 1996) from Durham and Skip Tyson (DDS 1995) from Wilmington also became board certified. We congratulate them on their achievement and encourage all UNC graduates and NCAPD members to promote the pursuit of excellence in pediatric dentistry and achieve Diplomate status.


Alumnus Joins WVU Faculty

Elliot Shulman (1980) recently joined the West Virginia School of Dentistry faculty upon retirement from the U.S. Air Force. Previous dental school faculty appointments include Louisiana State University and The Ohio State University. Elliot received his D.D.S. from Loma Linda University and matriculated to the University of North Carolina School of Dentistry where he completed a residency in pediatric dentistry. He is a Diplomate of the American Board of Pediatric Dentistry and currently serves as a Trustee, American Academy of Pediatric Dentistry.
Fellowship Program Distribution

Jack Menius Fellows
Gateway Educational Center

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Mary Breeland Fellows
Dental Public Health Fellowship – DCHD in Durham

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Jim Congleton Fellows
AAPD Leadership Training Fellowship *

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Ted Oldenburg Fellows
CRA/CRH Leadership Fellows

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Sandy Marks Fellows
Craniofacial Fellowship

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<td>Julie Molina</td>
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* AAPD Travel Grant

Department of Pediatric Dentistry

More Graduate Program Factoids

Total Alumni on June 1, 2006—109
Alumni Deceased—3
Professionally Active Alumni—91
Alumni Retired/NC Alumni in NC—8
Alumni retired/ outside NC—6

Alumni/Departmental Leadership Record

Former Vice-Chancellors—One alumni plus non-alumni Bernie Machen, who is currently the President of the University of Florida
Former Deans—Two alumni plus non-alumni Jim Bawden, Henry Fields and Bernie Machen
Current/Former Department Chairs—11
AADR Officers—One alumni plus non-alumni Jim Bawden
AAPD Past Presidents—Three alumni plus non-alumni John Brauer, Roy Lindahl and DDS Alumni Jay McCaslin
ABPD Past Presidents—One alumni plus non-alumni John Brauer, Roy Lindahl and Mike Roberts
AAPD Foundation Presidents—One alumni plus DDS Alumni Jay McCaslin
SSPD Presidents—One alumni plus Roy Lindahl

Collegiate Ice Hockey Player - John Christensen (Harvard). John gets close to the Stanley Cup.
Departmental Research

Department Launches Research Addressing Childhood Obesity

The Department of Pediatric Dentistry has recently launched several research efforts addressing childhood overweight and obesity. Bill Vann (1976) recently published a manuscript in Pediatric Dentistry entitled “The Childhood Obesity Epidemic: What can pediatric dentists do to help?” This paper was co-authored by Tom Bouwens (2007), Antonio Braithwaite (2008) and Jessica Lee (2002) and in it they reviewed methods for pediatric dentists to elevate awareness and address childhood overweight and obesity issues from practice-based, community-based, and advocacy/policy-based perspectives.

Jessica Lee (2002) is also collaborating with Dr. Alice Curran in the Department of Diagnostic Sciences and Dr. Dan Caplan in Department of Dental Ecology to determine the relationship of childhood overweight/obesity and dental caries. They are also examining role of dentistry and dental practice in addressing this crisis. Childhood obesity/overweight has led to major public health endeavors in prevention and intervention that will require ongoing efforts from a variety of health care providers. Dental practice has been named among pediatric primary health care delivery settings as a potential site for delivery of childhood obesity/overweight prevention and interventions programs. The rationale for inclusion of dental practice is that dental offices treat a large number of children on a regular basis and that preventive dentistry emphasizes the role of nutrition in good oral health. Excessive intake of calorie-dense high carbohydrate foods has long been identified as a primary risk factor in the development of dental caries and is now recognized as a major factor in obesity/overweight. This common factor may suggest a role for dentistry in addressing childhood obesity/overweight.

In order for dentistry to play a significant role in addressing childhood obesity, there must be a clear rationale for dentists to participate; for example: it might be learned that children at risk for overweight at a young age are at risk for higher caries experience by teen years. However, reports to date have not consistently demonstrated a clear relationship between childhood overweight/obesity and dental caries. Also, the suitability of dental practice to undertake the task of childhood obesity prevention and/or intervention has not been established. Additionally, several of our residents are beginning work in this area. Ray Tseng (2009) will be working with Dr. Melinda Beck in the Department of Nutrition examining genetic markers for obesity and Antonio Braithwaite (2008) will be surveying NC Pediatric Dentists about their knowledge and nutritional practices.

Update on Fluoride Research

Research investigating the pharmacogenetics of fluoride in relationship to the susceptibility / resistance to develop dental fluorosis has been the focus of Eric Everett’s lab during the past several years. Recently he has extended those studies to investigate the mechanisms of fluoride’s actions on bone matrix and on bone cells. Using a mouse model Eric’s lab has observed that fluoride modulates the osteoclast lineage. These findings present the unique opportunity to further explore whether the activities of fluoride are affected synergistically or antagonistically by other agents that also direct their activities against the osteoclast lineage. Bisphosphonates are a class of compounds used to inhibit bone resorption targeting the osteoclasts. Similar to fluoride, bisphosphonates preferentially compartmentalized to bone and can achieve high local levels with prolonged deposition. The biodistribution of both fluoride and bisphosphonates in the same physiological compartment invites a new hypothesis that bisphosphonates will modulate fluoride’s effects when genetic background is a factor and that genotype will play a role in vivo and in vitro responses to bisphosphonates alone. These studies will permit the segregation of genotype and phenotype response and may provide new insights into the pharmacogenetics of fluoride as well as bisphosphonates, individual susceptibility, and the relationship between bisphosphonate use and underlying adverse responses like osteonecrosis of the jaw that occurs only in a subset of patients.

New Member of Wright Research Group

Cai-Bin Cui joined the Department faculty July 1, 2006 as a Research Assistant Professor. He received his MD degree Xian University and his PhD degree from the Beijing Institute of Radiation Medicine in China. Cai-Bin has extensive research experience and expertise in the molecular controls regulating bone formation. He will join Tim Wright’s research group in studying the changes in bone and tooth formation that occur in people with the tricho-dento-osssous syndrome.
WELCOME TO THE CLASS OF 2009

MATCH DAY 2006 resulted in another exceptional group of incoming residents for our program.

Our three new residents are Jonelle Grant (DDS 2006), Elizabeth Prada, and Ray Tseng. Although their backgrounds may differ, each excelled during their dental school years. Jonelle, Liz and Ray were all academic standouts who demonstrated strong leadership potential through participation in many community and service projects.

Jonelle is originally from Rembert, SC, but earned her BA in cultural anthropology from Duke University and her DDS from UNC-CH in 2006. Jonelle received numerous awards and distinctions during dental school and her list of leadership roles is extensive. Jonelle has given presentations at various national meetings and has her scholarly work published in Pediatric Dentistry.

Originally from Rochester, MI, Elizabeth attended Duke University where she earned her BA in biology and public policy studies. She is a 2006 graduate of the University of Pennsylvania School of Dental Medicine, where she took on leadership roles too numerous to list. While at UPENN, Elizabeth received many awards and honors, took part in research projects, and volunteered for an impressive list of community and student service activities.

Ray received his BS in psychology from The Ohio State University, where he also earned his DDS and PhD in oral biology. In fact, Ray was the first individual to be accepted into the combined DDS/PhD program in the OSU College of Dentistry. Ray’s award winning research at OSU has resulted in multiple publications and national conference presentations. In addition, Ray has had many leadership roles and has participated extensively in many community based activities. Ray will be coming to undertake a combined program as a pediatric dentistry resident and a post-doctoral fellow in public health nutrition/pediatrics.

New Pediatric Dentistry Residents: L to R, Liz Prada, Ray Tseng, Jonelle Grant
This Newsletter goes to more than 200 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.

Name_______________________________________
Year of program completion_____________
E-Mail Address __________________________

Send to: Sarah Howard - Dept. of Pediatric Dentistry CB #7450 - Chapel Hill, NC 27599-7450

News of interest:

Thanks!