



STRAIGHT TALK

University of Kentucky, Orthodontic Graduate Program
Alumni Newsletter

Volume 1, Issue 1

February, 2002

From the Director's Desk, by Dr. Thomas Kluemper

Greetings and best wishes for a healthy and prosperous 2002. As you can see, we have been working on a new format for the Alumni Newsletter. Updating you on the status of your graduate program is a priority of mine, with one of my long-term goals being the utilization of layout that will prove to be unique and easily recognized. Our efforts toward this goal, and especially the work of Ms. Kelly O'Ferrell, are beginning to bear fruit.

The **Straight Talk** has been and will continue to be a work in progress, so please feel free to send me feedback, pro and con. The name **Straight Talk** was chosen as the winner of a name-the-newsletter contest involving the staff, residents and faculty. I hope it will provide an informal, semi-annual and familiar format by which we can keep you informed of the latest goings-on, status and upcoming events of your graduate program. Ultimately, we are only as strong a program as our graduating alumni. So, to the extent that this newsletter increases your knowledge and interaction with us, it is successful.

So, review and enjoy the information contained in these pages and make particular note of upcoming events.

Dr. Jim L. Vaden will be our guest speaker for graduation 2002 on May 17. Dr. Vaden is always informative and uniquely entertaining, so you don't want to miss him.

Also, thanks to Kentucky's own **Drs. Gary Inman and Allen Moffet**, the **Southern Association of Orthodontics (SAO) meeting** should be exciting this year. As you may already know, the scientific program will highlight new research going on in the 12 graduate programs of the SAO. This innovative format should provide an enjoyable and informative experience in Savannah. Its success will obviously depend on the respective Alumni's enthusiasm and turnout. So, mark your calendars now and plan to be part of a record Big Blue turnout.

GRADUATION

May 17, 2002

Dr. James L. Vaden
"Non-surgical Correction of
Difficult Malocclusions"



MYSTERY ALUM



Can you name this
Alumnus? See details
on page 4.

TRAVELS TO ITALY By Dr. Preston and Jody Hicks

In late October, 2001, we were able to travel again to northern Italy in order to meet with the *Cenaculo Odontaria Bergamasca (C.O.B.)*, a study club of practicing dentists based in Bergamo, Italy. This group has been inviting me once or twice a year since 1991 to conduct four-day seminars on various aspects of orthodontics. The leader of the C.O.B. is Dr. Luigi Daleffe, who recently held the office of President of the Italian Dental Association (comparable to our ADA) and is still prominent in national Italian organized dentistry. In particular he has worked tirelessly to elevate the educational standards of dental education and continuing education in Italy. He has also invited other faculty members from the College of Dentistry, notably Dr. Jeff Okeson, to meet with the group.

The primary educational goal of the C.O.B. is to acquire the didactic and clinical level of competency required by the ADA Commission on Dental School Accreditation in the U.S. In recent years a subgroup of 4 individuals was formed in order to develop clinical competency with mentored patient care. In the course of each visit, members make case presentations (using the same protocols used at UK) in addition to the ones I present. I also visit each of several offices in order to provide consultations on certain patients. After making 17 trips in 10 years, I am pleased that the group has achieved and maintained high levels of diagnostic and clinical expertise.

Bergamo is a city of about 150,000 situated in the foothills of the Italian Alps about 40 miles northeast of Milan. The city was founded in about 1100 A.D. as the westernmost edge of the Venetian province. The original walls, which range from (Continued on Page 2 ITALY)



WELCOME NEW 2001-2002 RESIDENTS

Dr. Susan Nordstrom's interest in orthodontics began in high school and college when she had the opportunity to observe and discuss difficult cases with her own Orthodontist. Today, Susan's career goal is to participate in private practice as well as to take an active role in the academic arena.

Susan's undergraduate research at the University of Texas at Austin with cell culture, cell cycle studies and electron microscopy provided her with an excellent base for her further study at Oregon Health Sciences Univ. School of Dentistry where she received her DMD. While at Oregon Health, her studies in the Department of Infectious Disease allowed her to publish in the Journal of Infectious Diseases. Susan also assisted in studies relating nicotine ingestion to mandibular growth and development.

But, most recently, Susan and husband Jeff have been spending time with their new son, Jacob Warren, born February 5. We are fortunate to have Susan's excitement and passion for life and Orthodontics as part of our Program!!

(by Kelly O'Ferrell)

Dr. Wade Housewright, born in Dallas, Texas where mom, dad and 2 brothers still reside, moved to Denver, Colorado in 1990 where he completed his undergraduate and dental degrees at the University of Colorado. Wade spent 3 years in business information systems at the University of North Texas immediately after high school. His career took him to Denver where he finished his BS in Biology and began dental school at the University of Colorado.

Wade moves to Lexington with his fiancée and Idaho native, Karen Rigsby (also a University of Colorado graduate) and Karen's son, Miles.

When not in school, Wade very much enjoys fishing, bicycling and more fishing. Upon completion of residency, at UK, Wade intends to go back west and work in private practice and participate part-time at a dental school.

(by "Big Brother" Dr. Ross Russell)

(Continued from Page 1 ITALY)

50-100 feet high, still surround *Citta Alta* ("High City"), which is aptly named as the hill and the spires of its cathedrals can be seen from miles away. Most of the buildings in *Citta Alta* date from the 12th to the 15th centuries and are still occupied; we would say that when you step off the *funicolare* (cable railway) into the narrow cobblestone streets it feels like you just stepped 500 years back in time.

A special highlight of our visit, however, is always the evening that the group takes us out for a special dinner. They are very gracious hosts, and always select an outstanding restaurant. They order several courses and excellent wines, and the meal usually lasts from about 8 p.m. to well past midnight. There is always the convivial atmosphere of a reunion, though this year's was a bit more somber at times as they expressed both sympathy and curiosity as to how the we personally had been affected by the attacks on our country just a few weeks before.

I feel privileged to have had this special occasion for travel and for developing international professional relationships. I look forward to a continuation of personal friendships with the C.O.B. for many years to come. Even though the academic life requires some material sacrifices, it does at times provide us some special perks! Ciao.

RESEARCH/PUBLICATION UPDATES

by Dr. Cynthia Beeman

This year has been an exciting one in the area of faculty and graduate student research! Thanks to the inquiring minds of **Dr. Andy Keaton** (UKCD '90, U of Tennessee Orthodontics, '94 and **John Phillips** (UKCD '70, UK Orthodontics '75), we were inspired by their very interesting research question: "Today, are more patients presenting in dental and orthodontic offices with missing teeth than in previous years?". Andy and John, along with several other dental practitioners in southeastern rural Kentucky Appalachia shared their anecdotal findings with us, and we decided they were on to something.

Dr. Beeman, Hicks and Kluemper wrote a grant proposal to investigate this question, and this proposal was submitted with several others to the National Institutes of Health as part of an Oral Health Disparities Center Grant in 2000. Although the

Oral Health Disparities Center has yet to be established at the University of Kentucky, we began to collect data related to this intriguing question.

In Fall of 2000, **Dr. Beeman** and 6 graduate students were invited by Andy and John to examine the orthodontic records of current patients to gather preliminary data.

Dr. Flora Chen, Class of 2002, was so impressed by the prevalence of hypodontia in their practice that she decided this would be her master's thesis project. Flora collected additional data from pediatric dentists in Lexington and Pikeville, as well as from the UK Orthodontics Program and found that, yes, there seems to be an increase in missing teeth in orthodontic and pediatric dental practices these days, at least compared to previously published studies! (Continued on Page 4 **RESEARCH**)

"Today, are more patients presenting in dental and orthodontic offices with missing teeth than in previous years?"

ORTHO STAFF HAS 35 YEARS EXPERIENCE

By Kelly O'Ferrell

Allyson Cooper, KY native, carries 19 of those 35 years all by herself. Allyson started at UK in 1982 with the dental school. She has been in Orthodontics since 1993 as Clinic Supervisor. Allyson schedules all patient appointments.

Andrea Thompson, also a KY native, has another 8 of those 35 years as our Orthodontic Assistant and undergraduate teaching assistant. Andrea started in Orthodontics in 1993 and has since taken the expanded duties course to improve her assisting skills and helps teach the deband/debond class.

Missy Lockard, KY native, started in Orthodontics in 1998 and is currently Staff Support Assoc II. Missy brings together all the classes and meetings for each semester into one master schedule, as well as assisting with undergraduate courses.

Gilla Helm, KY native, worked with our own part-timer, Dr. Melvin Dean, for four years as an Assistant before coming to the Ortho Program in 1998. When not assisting in and preparing the clinic, Gilla also helps teach the deband/debond class.

Our lab technician, **Teresa** Sartin, KY Native, joined our team in June 2000, coming to us after 10 years with Drs. Ferguson, White & Maggard. She plans to complete her CDT in Spring 2002. Teresa prepares appliances and study models for both our Ortho Grad Program and the faculty practice in the KY Clinic.

Rounding out the 35 years with 1 year is **Kelly** O'Ferrell, North Carolina native with the accent to prove it. Kelly filled Missy's shoes as Staff Support Associate I in March 2001.

Without our staff, the Orthodontic Graduate Program would most surely come to a standstill. Their dedication and hard work are appreciated, but it is their attitudes of enjoying their work that are most beneficial to both our patients and our Program.



From left to right: Gilla Helm, Teresa Sartin, Allyson Cooper, Andrea Thompson, Kelly O'Ferrell, and Missy Lockard

Many thanks to the following friends of the Program for their generous support in 2001:

- \$1—\$499:** Drs. John Phillips & Andy Keaton, Dr. Robert Rust
- \$500—\$999:** Dr. Glen Malchow
- \$1000—\$2499:** Dr. Charles Pritchett, Dr. Robert Sims, Dr. Michael Stansbury
- \$2500—\$3900:** Dr. Richard Resler
- \$4000 +:** Kentucky Association of Orthodontics (KAO)

CONGRATULATIONS NEW 2002-2003 STUDENTS

By Missy Lockard

The Application process is always a fun, although hectic, time of the year. Kelly O'Ferrell handled the process this year and did a fabulous job. The faculty had to review each and every file and once they knew who they wanted to interview, the race began.

We had two interview dates this year, the first in October and the last in November. After we finished our last interviews in November we anxiously awaited the results from the National Matching Program. Each set went very well, and I can only imagine how hard it was for the faculty to rank these applicants. We received the results the morning of

December 5 and were thrilled to find out who had matched to UK.

Our three new orthodontic residents who will begin in August of 2002 are **Judah Samuel Garfinkle, Blaine Roland Hansen and Meridith Lesney Long.**

Judah is from Brookline, Massachusetts and is receiving his DMD from the Harvard School of Dental Medicine in Boston, Massachusetts. He grew up in Portland, Oregon and earned his bachelors in Biological Sciences at the University of Oregon in 1996.

Blaine lives here in Lexington and is earning his DMD at the University of Ken-

tucky College of Dentistry. He earned his bachelors in Zoology at Brigham Young University in Provo, Utah.

Meridith is from Atlanta, Georgia and received her DMD from the Medical College of Georgia in 2000. Meridith did her general practice residency at the University of Florida.

Two of them are now preparing themselves for the transition into Lexington and all three are gearing themselves up for an exciting three years in the study of orthodontics.

We welcome them and are anxiously awaiting their first day as a graduate student at the University of Kentucky.



Wherever you go, you can always find us at

www.mc.uky.edu/dentistry/graduatestudy/ortho/ortho.htm

(Continued from Page 2 **RESEARCH**)

Flora is presenting these results at the 26th Annual Session of the International Association for Dental Research in San Diego this March.

This project has stimulated an avalanche of interest among practitioners, and **several off shoot projects** are starting up as a result--we have graduate and dental students collecting hypodontia data from different regions of the country, and hope to examine patient data from up to 30 years ago. We are also looking at the prevalence of malformed/misshapen teeth and the relationships of skeletal pattern to hypodontia.

If any of our alumni are interested in participating in this large project, please contact Dr. Beeman. This could potentially be the largest study of this kind in decades! Thanks to Drs. Keaton and Phillips for their inspiration and quest for life-long learning!

In addition to the hypodontia study, the graduate students and faculty have been busy with other projects. **Dr. Beeman is presenting the results of Dr. Jeff Hendrix' (Class of 2001) thesis "Relationships Between Cervical Vertebrae and Mandibular Canine Developmental Stages for Skeletal Maturation Evaluation" at the IADR in March 2002.**

Dr. Preston Hicks also has a paper there with dental student Thomas Shipley (U. West Virginia Orthodontics, Class of 2005) entitled "Relative Diagnostic Value of the Kim Analysis".

Dr. Brian Hardy (Class of 2002) will be defending his master's thesis project (Drs. Kluemper and Beeman, advisors) "Interleukin-1 genotypes and the association between adult orthodontic patients and apical root resorption" this spring, and the results will be presented at next year's IADR.

Look for **Drs. Kluemper and Doug Hisers'** paper on a medicated wax in an upcoming issue of the **AJO&DO**. This patented innovation is designed to relieve the irritation of oral mucosa caused by orthodontic appliances. The paper reports the results of a clinical trial designed to test the clinical efficacy of the wax. Dr. Kluemper also co-edited a textbook with **Dr. Joseph Van Sickels** on orthognathic surgery and in this text, he co-authored a chapter with **Dr. Peter Spalding** of Nebraska on the current realities of growth modification. The chapter represents a thorough, objective, evidence-based critique of the effectiveness of Phase I treatment, and if you'd like a copy, just call us.

Look for our participation at the AAO research session this May, and also for the Scientific Session at next fall's SAO!

FAREWELL MIKE, WELCOME JUD

Most of you know that **Dr. Mike Stansbury** left our faculty last summer, after 12 years of excellence in clinical education at Kentucky. Mike decided to make a career change and pursue a medical education at Marshall University. What you may not know is that last October, **Dr. Jud Knight** joined our team at Kentucky. While we keenly miss Mike and his influence on our Program, we enthusiastically welcome Jud back to graduate education in orthodontics at Kentucky. His return shores up our excellent team of clinical faculty where he joins **Drs. Mel Dean (10 years), Chuck Pritchett (5 + 10 years), Paul Tran (6 years) and Philip Whale (7 years).**

Alumnus Mystery Man

DR. TOM LAWTON, graduated from the UK College of Dentistry in 1968. It was during that time that he met and married Emmy, who also graduated from UK in 1968. Tom spent the next year interning with the US Public Health Service in Boston and the next two years with the Coast Guard in Yorktown, VA. It was during that time that he realized his passion for Orthodontics and returned to UK to receive his Certificate and Masters degree under Dr. Bill Proffit.

Upon graduation, Tom, Emmy and their two children, Laura and Bret, moved to Winter Park, FL where he purchased a solo practice. That's where I caught up with Tom, who was excited to hear from us and eager to share not only his successes but those of his children as well.

His daughter, Lisa, works in Marketing for Darden Restaurants. His son, Bret, is a recent graduate of UKCD, class of 2000. Bret is currently in his second year of the Orthodontic Graduate Program at the Univ. of Florida. Upon graduation, he plans to join Tom's practice. Bret and his wife, Laura, are expecting their first child sometime in July.

Tom is the past President of the Florida Assoc. of Orthodontics as well as a Diplomat of the American Board of Orthodontics. He continues to enjoy the challenges of his private practice as well as spending time hunting, fishing, running, spinning and playing tennis. Thanks, Tom, for your support of the UK program and your willingness to be our Mystery Alumnus!!

WELCOME BABIES

Third gear resident, **Dr. Brian Hardy** and wife, **Melissa** are the proud parents of their first born, **Megan Brooks**, born on **October 23, 2001.**

First gear resident **Dr. Susan Nordstrom** and husband, **Jeff** are also proud parents of their first born, **Jacob Warren**, born **February 5, 2002.**