



Orthodontics News

A NOTE FROM THE CHAIRMAN

STUDENT AWARDS RENAMED TO HONOR DRs. BROADBENT AND NEUGER

With your generous financial support, the department continues to provide our residents with a solid grounding in fundamental teenage orthodontics while exposing them to cutting edge advances in the specialty. In the past year we have started a Temporary Anchorage Device (microscrews) subspecialty clinic and completed the transition from 2-D to 3-D imaging for orthodontic diagnosis and treatment planning. Next year we will begin to train residents to use soft tissue lasers. We have also strengthened our volunteer faculty with the addition of Zach Mellion, D.M.D. '04, Thomas Herberger, and Chuck Finnel as attendings in the morning core clinic. Our full-time faculty continues to grow. With the addition of Monica Fisher we now have six full-time faculty members, giving us the highest faculty-to-student ratio in the country. In the coming year we will begin podcasting orthodontic continuing education programs highlighting our faculty. The first podcast is entitled "10 Things Every Orthodontist Should Know" by Lysle E. Johnston, Jr. A computerized version of the world famous 2-D Bolton Standards will also be available in July. If you are interested in obtaining either the podcast or the digital 2-D Bolton Standards please e-mail me at mark.hans@case.edu.

The Orthodontics Department in Spring 2007 has renamed its top student awards in honor of a pair of fifty-year members of the faculty. The student research award, which this year went to Reid Wenger, D.D.S., M.S.D. '02, '07, has been renamed the B. Holly Broadbent Research Award. The clinical prize has been renamed the Sanford Neuger Award for Clinical Excellence.

It is fitting that the research award should bear the name of Dr. Broadbent, who directed the Bolton-Brush Growth Study Center at Case Western Reserve University's School of Dental Medicine for more than two decades. Dr. Broadbent's response to the honor was typically humble, pointing to the groundbreaking research of his father, who established the Bolton Growth Study Center and who developed the Bolton Standards of Dento-facial Growth, still used by clinicians today.

"B. Holly Broadbent, Sr., D.D.S. '19, put Case Western Reserve University on the world stage when he invented the cephalometer in 1931," said Dr. Mark Hans, Chair of Orthodontics, who has taken over as Director of the Center. "Holly has continued his dad's pioneering work and kept us a world leader in orthodontic imaging. As Director of the Bolton Brush Growth Study Center he helped hundreds of visiting researchers complete projects ranging from identification of the best method for determining skeletal age to 3-D differences between class II and class III patients. He brought the collection into the digital age by converting the old film records to CD. His careful stewardship has insured that future generations of orthodontists will have access to this priceless collection."

Dr. Broadbent, who attended both undergraduate college and dental school at Western Reserve University after a stint as an army paratrooper, maintained a successful private practice from which he retired only last year.

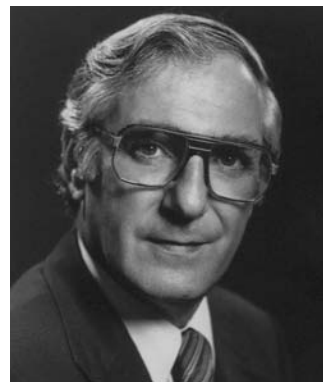
Dr. Broadbent's colleague for the past fifty years, Sanford Neuger, also attended dental school on the campus where he still enjoys working with residents. After completing a residency in orthodontics at Indiana University, Dr. Neuger returned to Cleveland, where he set up a successful private practice from which he retired six years ago.

When asked to reflect upon his greatest accomplishments, Dr. Neuger, who served in both World War II and Korea, will not mention that he invented Contemporary Edgewise mechanics, or pioneered the use of pretorqued arch wires in CWRU's Orthodontic Department, or that he shouldered the majority of the clinical case load in the graduate clinic for more than forty years. "It's all about the smile!" said Dr. Neuger, whose brand of sliding mechanics has influenced all the graduates of this program. "Helping so many patients smile and teaching so many young Orthodontists to do the same is itself a living legacy," he said. "Having the Award for Clinical Excellence named after me is an honor beyond anything I would have ever imagined."

"At a time when volunteerism is declining throughout America, I think it is fitting that we honor Sandy for 50 years of dedication to Case Western Reserve University and the department of Orthodontics," Dr. Hans said. "We wouldn't be where we are today without Sanford Neuger."



B. Holly Broadbent, Jr. '50, '52



Sanford Neuger '51



Mark Hans, D.D.S., M.S.D. '79, '81, and
Professor Joseph Gould, D.D.S. '33

ANNUAL MEETING

Be There!

American Association of Orthodontists
Annual Meeting—Case Western
Reserve University Department of
Orthodontics—Alumni Reception

Saturday, May 19

7:30-9:30 p.m.

Sheraton Seattle Hotel
Seattle, WA

RSVP by May 9

T: 877.468.1436 (toll free)

E-mail: dentalalumni@case.edu

MEET THE INCOMING CLASS

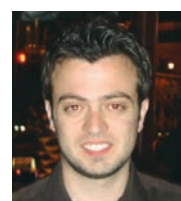


Lisa Austin, D.M.D. '04
attended both undergrad and
dental school at Case Western
Reserve University, and was
part of the six-year program.

After graduation, Dr. Austin
attended an AEGD residency at the University
of Florida in Jacksonville, Florida. Over the
last 1½ years, she has worked as a general dentist
in both Seattle and Vancouver, Washington. "I
chose this program because it is very strong with
a great reputation nationally, and it has a great

group of faculty, instructors, residents and
staff," she says. In her spare time, Dr. Austin
enjoys traveling, running, swimming, scuba
diving, skiing and spending time with friends.
E-MAIL: monalisa849@hotmail.com

Nikolaos E. Evangelinakis
received his dental degree
from Aristotle University of
Thessaloniki in 2003. He
also attended the one-year
advanced education program



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CASE WESTERN RESERVE UNIVERSITY
SCHOOL OF DENTAL MEDICINE

Department of Orthodontics
10900 Euclid Avenue
Cleveland, Ohio 44106-4905

Orthodontics News

SPRING 2007

ORTHODONTICS AND DENTAL PUBLIC HEALTH MEET IN THE CAREER PATH OF ASSOCIATE PROFESSOR MONICA FISHER DDS, MS, MPH, PHD



Monica Fisher

of Dental Public Health: Associate Professor Monica Fisher.

“It is important to me to be able to bring an evidence-based practice approach and public health perspective to the specialty of orthodontics,” said Dr. Fisher, who received her orthodontic training at the University of Connecticut, when Dr. Charles Burstone was department chair. Since coming here, she has provided a public health point of view to

When most people think “Dental Public Health” their mind doesn’t automatically leap to “orthodontics.” In fact, there is only one orthodontist in the United States who is also a Diplomate of the American Board

augment the orthodontic clinical program, by modifying the patient medical history form so that it now includes questions about tobacco use. Smoking is an important link between public health and orthodontics. “Smoking’s impact on tooth movement—and therefore on treatment outcomes—is an area that should be investigated,” says Dr. Fisher, who has a PhD in Epidemiologic Science from the University of Michigan.

The road to Public Health (she earned an MPH from the University of Michigan) was paved by early experiences as an orthodontist. Dr. Fisher joined the United States Air Force, after being an associate in private practice, because she could offer treatment based exclusively on need in the military. With approximately 40,000 active duty and dependents eligible for orthodontic care, she used a severity of malocclusion ranking system to select patients for treatment.

Dr. Fisher enjoys the opportunity her appointment at Case Western Reserve University provides, allowing her to participate in orthodontics and other research that cuts across traditional disciplines. Her NIH funded research investigates oral health disparities among high-risk adults, focusing on the role of smoking in the currently debated question of whether or not periodontal disease causes heart disease or poor glycemic control in adults with diabetes. Dr. Fisher has developed two graduate courses for the orthodontic residents. The first course facilitates the development of a sound research question; the second course facilitates the development of the residents’ formal written Master’s Thesis Protocol and culminates in their Oral Protocol Defense. “I had great mentors at the University of Michigan and University of Connecticut,” Dr. Fisher said. “I had excellent training, and I want to pass that along.”

E-MAIL: monica.fisher@case.edu

MEET THE INCOMING CLASS (cont.)

for international students in Orthodontics at NYU from 2005-2006. He practiced general dentistry in Greece for about 15 months. “I found it amazing that an orthodontist can guide the facial growth development of a child, thus improving a child’s personality and psyche,” says Dr. Evangelinakis. “I was impressed by the outstanding skills and great reputation that Greek orthodontists who have graduated from Case Western Reserve University have in my country.”

E-MAIL: nikevange@yahoo.com



David J. Sullivan graduated from Villanova University and from the University of Southern California Dental School. “I decided to become an orthodontist rather than a physician after I underwent orthodontic

treatment myself during high school,” says Dr. Sullivan. “I chose this program for orthodontics because it was highly recommended by Dr. Clay Damon ’95.” During Dr. Sullivan’s college summers, he worked for Dr. Damon in Spokane, WA.

E-MAIL: david.sullivan@villanova.edu



Monica Velez received her D.D.S. in 2005 from the University of Puerto Rico Medical Sciences Campus. She completed a General Practice Residency in Montefiore Medical Center in Bronx, NY, in June 2006. Since August 2006, she has practiced as a general dentist in New York City. She feels that becoming an orthodontist will give her the opportunity to combine function with esthetics.

Dr. Velez, who is very interested in research, worked part-time as a research fellow at NYU.

E-MAIL: monicavelezocasio@hotmail.com



Kingzhong “John” Zhang earned his DDS in 1991 and completed a 4-year orthodontic Ph.D. program in Beijing under the supervision of two of the most famous orthodontists in China, Dr. Min-Kui Fu and Dr. Jiu-xiang Lin. He was appointed to the faculty of Beijing Medical University in 1995. “To be an excellent orthodontic instructor is one of my lifetime’s dreams,” Dr. Zhang says. “This orthodontic program has a great reputation and is the ideal place that can make my dream come true.”

E-MAIL: drzhangortho@yahoo.com.cn

CLASS NOTES

CLASS OF 1992

Douglas Wright, D.D.S., M.S.D. ’83, ’92, and his brother David Wright, D.D.S. ’81, have recently added a new associate to their private practice, which now has four offices in suburban Buffalo, New York. Dr. Wright, who feels he received an “excellent” education, “enjoys patients, who are still mostly kids and finding out all that they are, and helping them to obtain a nice smile.”

CLASS OF 1996

Dr. Clay H. Damon remains as passionate about orthodontics as ever. “The most rewarding aspect of practicing orthodontics is knowing that we helped our patients enjoy their lives more fully,” he says. “We continue to seek and use new technologies that enhance the experience and results of orthodontic care for our patients.”

Happy Birthday Joe!

Professor Joe Gould turned 100 years old on April 6. His family hosted a special party for Joe, who, after 50 years on the faculty of the department still serves part-time as a consultant.

Congratulations to Sharon Schmahl, M.S.D. ’96, the 2006 Phelps Award winner for Outstanding Clinical Faculty. Dr. Schmahl, who has a private practice with fellow faculty member Dennis Beeson, D.D.S., M.S. ’71, ’73, in Chagrin Falls and Novelty, Ohio, works with residents in the Orthodontics Clinic every Wednesday morning.