



Mark Hans,
D.D.S., M.S.D. '79, '81

On August 1, 2014 I celebrated the 25th anniversary of my decision to leave private practice to become the head of the Department of Orthodontics.

Over the past 25 years I have been privileged to train more than 120 bright young

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Kenneth Chance, D.D.S. '79, has been appointed by the CWRU Board of Trustees as the Dean of the School of Dental Medicine. The appointment became effective July 1.

A professor and chief of endodontics at the University of Kentucky since 2000, Dr. Chance previously was Dean of the School of Dentistry at Meharry Medical College in Nashville. In addition, he spent 15 years on the faculty of the University of Medicine and Dentistry of New Jersey (UMDNJ, now part of Rutgers University).

Dr. Chance has remained engaged with the School of Dental Medicine since he graduated in 1979. He was the first dentist or dental school alumnus to serve on the CWRU Board of Trustees.

Dr. Chance succeeds Jerold S. Goldberg, D.D.S. '70, who has served as the Dean of the School of Dental Medicine since 1997.

"I am excited and honored by the opportunity to return to this campus at a pivotal time for the school and for health care nationally," Dr. Chance said. "Jerry's tenure has been transformative, and I look forward to building on his legacy and accelerating our momentum."





I think everyone connected in any way with the Case Western Reserve University Department of Orthodontics is feeling proud that an alumnus of our residency, Rolf G. "Buzz" Behrents D.D.S., M.S.D. '75, Ph.D., is now the editor-in-chief of the most influential and important orthodontic journal:

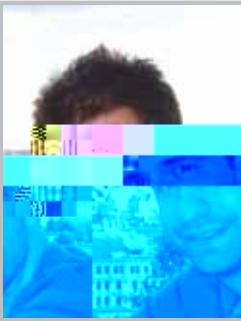
the American Journal of Orthodontics and Orthopedics

But rest assured that this is not our department's only contribution to the field. Besides Gary Wolf, D.D.S. '79, M.S.D., one of our long-time faculty, being the associate editor for the Clinician's Corner section, and many of our alumni and faculty serving as reviewers for the journal, we also have four articles in the "Top 20 AJODO Most Cited Articles since 2009" list — which ties us for first place on the list with the University of North Carolina School of Dentistry. The articles are on different topics, with the common denominator being the use of 3D imaging.

The articles celebrated at the meeting were:

- Baumgaertel S., Palomo J.M., Palomo L., Hans, M.G. Reliability and Accuracy of Cone-Beam Computed Tomography Dental Measurements
- El H., Palomo J.M. Measuring the Airway in 3 Dimensions: A Reliability and Accuracy Study
- Leung C.C., Palomo L., Griffith R., Hans, M.G. Accuracy and Reliability of Cone-Beam Computed Tomography for Measuring Alveolar Bone Height and Detecting Bony Dehiscences and Fenestrations
- Baumgaertel S., Hans, M.G. Buccal Cortical Bone Thickness for Mini-Implant Placement

The CWRU Department of Orthodontics has been a pioneer in craniofacial imaging, first with the invention of the cephalometer, then the Bolgerhe6hen thohv40ntE W P66y 266U036+ ad) - Fa 3#4033e366-q6! MC fz2#6NA'8A66nqTC.66



Michael Maroulakos,
D.D.S., M.S.D.



Born and raised in the south suburbs of Athens, Greece, Michael Maroulakos attended the National & Kapodistrian University of Athens School of Dentistry, where he received his D.D.S in 2005. Upon graduation, he fulfilled his military duties as a dentist in the Hospital of the Greek Naval Academy. Fascinated by the specialty of orthodontics, Dr. Maroulakos then worked in a private practice limited to orthodontics, where he was exposed to the full spectrum of orthodontic diagnosis and treatment. He subsequently returned to the National & Kapodistrian University of Athens for the Orthodontic Residency Program, where he received his M.S.D. in 2012.

"I quickly realized that it is extremely challenging to treat combined problems, which alter the facial area and therefore influence the quality of life. CWRU's Craniofacial Orthodontic Fellowship (e)-10(f1(e6(e he)10(t

From the Craniofacial Fellowship Director



Manish Valliathan, B.D.S.,
M.D.S., D.D.S., M.S.D. '97

With the generous support of the Mt. Sinai Health Care Foundation (Edward Reiter Cleft Palate Clinic Fund), and the guidance of Jerold Goldberg and Dr. Mark Hans, last fall CWRU hosted some of the foremost craniofacial academic, research, and treatment leaders from across the North America to discuss how we can better standardize and centralize craniofacial abnormality research and treatment. Due to a lack of

research sharing, national data for the most common craniofacial defects — cleft lip and cleft palate — does not exist.

Our effort was an important first step toward creating consistent evidence-based practices. In addition, we hosted a symposium for Northeast Ohio healthcare professionals who work with craniofacial abnormalities to encourage collaboration among disciplines and nearby institutions.

We were also able to produce a web section (<http://dental.case.edu/craniofacialortho/>) that introduces potential patients to the services CWRU provides at our craniofacial orthodontic clinic. Featuring some of our young patients, there are heartwarming videos that lend insight to the successes that are possible. It was our goal to share this information with the families of children with craniofacial anomalies in a way that is both informative and comforting.

And finally, I welcome Dr. Michael Maroulakos, our new fellow in craniofacial, surgical, and special care orthodontics, and bid farewell to Dr. Tasha Metzger Hall, who has joined Indiana University where she directs craniofacial orthodontics.

New Faculty Member

**B. (G.)
D.M.D. 14, M. D. 12**

Assistant Clinical Professor



After completing her dental and orthodontic education at Nanjing Medical University in 2007, Dr. Grace Wu came to CWRU as an orthodontic resident. She earned her M.S.D. and orthodontic certificate in 2012 and

received the B. Holly Broadbent Research Award for her master's project involving the assessment of facial growth and orthodontic outcomes using 3D superimposition, research she continues today with Dr. Mark Hans.



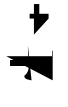
Dr. Wu then enrolled in the dental school's Advanced Standing Program and received her D.M.D. in 2014. During this time, she discovered that re-experiencing a dental education through an orthodontic lens greatly enriched her knowledge of daily practices. Dr. Wu practiced as a prosthodontist in China for several years after her dental education. So she believes her unique background and training will benefit academia, helping to create synergy between orthodontics and other specialties in pre-doctoral education.

Recently certified by the American Board of Orthodontics, Dr. Wu says she will spare no effort to impart her knowledge and experience to her students, and would like to "bridge the gap" between Chinese and U.S. orthodontics. Fortunately, she is fluent in both Chinese Mandarin and English.

Acknowledging that throughout her career, a handful of people significantly influenced how she conducts herself as an orthodontist, Dr. Wu identifies Dr. Lysle Johnston and Dr. Hans as role models. "They taught me that teaching is not simply another duty of an academic, but rather is inspired and nourished by one's research," she explains.

Dr. Wu greatly appreciates her parents and sister whose endless support has helped her finish her education in United States. "My parents have sacrificed a lot for their children, and they still keep doing so," she notes. Happily, they came to CWRU for her recent

In Memoriam

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In Memoriam

Donald H. Enlow
Ph.D. A.M. 1987

Donald Enlow, MS, PhD, died July 5 in Wisconsin. He was 87. Dr. Enlow was the Thomas Hill Distinguished Professor and Chairman of Orthodontics at Case Western Reserve University from 1977 to 1989. While at CWRU, he also served as acting dean of the School of Dentistry for three years.

After serving in the Coast Guard in World War II, Dr. Enlow obtained his undergraduate degree and became an instructor of biology at the University of Houston. He received his master's degree in 1951 and his Ph.D. in anatomy in 1955, both from Texas A & M University, then became an assistant professor of biology at West Texas State University. He then served with the anatomy department of the University of Michigan School of Medicine for 15 years, serving as director of the physical growth program at the Center for Human Growth and Development for six of them. He moved from Michigan to become the chairman of anatomy at West Virginia University School of Medicine in 1972. He moved to Cleveland in 1977.

Dr. Enlow received many awards and honors throughout his career. He lectured in 32 countries and wrote several books, including *Physical Growth*, which is still being published today. He contributed chapters to 30 books and has written numerous articles in professional journals.

Upon retirement, Dr. Enlow became professor emeritus in the Department of Orthodontics at CWRU and continued as an adjunct professor at the University of North Carolina. In 2006, Dr. Enlow was honored for his lifelong contributions when New York University's School of Dentistry held the Donald H. Enlow International Research Symposium in conjunction with the 50th anniversary of the first paper he published. New York University now holds Dr. Enlow's collection of some 25,000 slides that span images of bone tissue from every vertebrate group from the earliest geological periods through the ages to the present.

He is survived by his wife of 68 years, Martha; a daughter; two granddaughters; and four great-grandchildren. The family would appreciate contributions toward the Donald H. Enlow Scholarship Fund at the CWRU School of Dental Medicine. Please contact the Office of Development and Alumni Relations at 216.368.3480, toll free 877.468.1436, or email dentalalumni@case.edu.



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