



New American Association of Orthodontists Foundation “Burstone-Indiana BioMechanics Award”

Honors Career of Dr. Charles Burstone

Funds will Further Research in Orthodontic Science

St. Louis (October 1, 2015) - In tribute to the career of one of the great scientific achievers in orthodontics, the [American Association of Orthodontists Foundation](#) (AAOF) has created a new research award in honor of the late Charles Burstone, DDS, MS. The *Burstone-Indiana BioMechanics Award* will fund future study of the field of biomechanics and other emerging technologies.

Dr. Burstone was a pioneer in the study of biomechanics and orthodontics. He believed that the collective study of physics, mechanics, and engineering were essential to optimal and more predictable orthodontic outcomes for patients. “He brought the full force of scientific knowledge back to orthodontics,” said Michael Marcotte, DDS, MS, a long time teaching colleague and close friend. “Dr. Burstone is best known for the ‘segmented arch technique,’ which calls for the movement of teeth in small groups, rather than individual teeth. This technique is extremely quantifiable, manageable and predictable,” adds Dr. Marcotte.

The Burstone-Indiana BioMechanics Award was made possible through the shared contributions of some of Dr. Burstone’s professional colleagues, friends and admirers, including orthodontists:

- Chris Chang, DDS, PhD (Taiwan)
- Charles Coghlan, DDS, MSD (GLAO/IN)
- Gene Dellinger, DDS, MSD (GLAO/IN)
- Jerry R. Hickman (GLAO/IN)
- Michael Marcotte, DDS, MSD (NESO/CT)
- Charles E. Pritchett, DDS, MSD (GLAO/IN)
- Anthony Puntillo, DDS MSD (GLAO/IN)
- Charles Simons, DDS, MSD (GLAO/IN)
- Rodrigo Viecilli, DDS, PhD (PCSO/CA)

Eugene Roberts, DDS, PhD, DHC, was a student and long-time colleague of Dr. Burstone’s at Indiana University’s School of Dentistry and was instrumental in organizing the fundraising for this award. “Indiana University has been unique in the history of orthodontics. Under the

guidance of Dr. Burstone, orthodontics and mechanical engineering were brilliantly fused to help students understand the physics of how teeth move,” says Dr. Roberts.

“Supporting scientific biomechanics, represented by simultaneous integration of physical and biological sciences into orthodontics, is the best way I can think of to keep Dr. Burstone’s legacy alive,” says Dr. Rodrigo Vecilli. Dr. Charles Simons agrees and looks towards the future, “Wonderful scientific minds can be nurtured with these funds.”

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About the AAO Foundation

The AAO Foundation, the charitable arm of the American Association of Orthodontists, provides support to orthodontic education programs and orthodontic research. Foundation funding ensures the future viability of the orthodontic specialty by investing in the next generation of educators and researchers.

Since 1994, the AAO Foundation Awards Program has provided \$10.1 million in funding, primarily in support of junior faculty. The AAO Foundation is incorporated as a 501 (c) (3) not-for-profit corporation in the state of Missouri. The AAO Foundation’s website is www.aaofoundation.net