Dr. Birdsall Holly Broadbent Jr. died on Thursday, July 9, 2009 in Cleveland, Ohio when he was 81. Dr. B. Holly Broadbent Jr., is the son of Dr. B. Holly Broadbent Sr., the developer of roentgenographic cephalometer and the principal investigator on the Bolton Growth Study. The Broadbent-Bolton cephalometer was the primary data collection device for several craniofacial growth studies.

Dr. Broadbent Jr. received bachelor’s and dental degrees at Western Reserve University and competed on the Spartans’ wrestling team. During his career, he served as the president of Cleveland’s Health Museum, the Cleveland Dental Society and the Great Lakes Society of Orthodontists. He was also vice president of the American Association of Orthodontists.

Fig. 1 First Broadbent cephalometer (1926), designed to hold the living head in a fixed position, creating the precise and reproducible radiographs.

Fig. 2 “Research on facial growth and development has made a marked difference in the way people are treated orthodontically.” said Broadbent.

Dr. Broadbent Jr. was the faculty of what became Case Western Reserve University for 50 years. He and his father developed the Bolton standards, which predict the growth of children’s teeth and faces. He and the center continued to update the standards.

Dr. Broadbent Jr. had just stepped down last year as the director of the Bolton-Brush Growth Study Center at the Case Western Reserve University School of Dental Medicine.

Dr. Broadbent and his wife, Jacqueline (Owens), had two daughters, Meredith and Elizabeth.

Dr. B. Holly Broadbent Jr. left a professional legacy to the orthodontics that would never be surpassed. We are grateful to him for his extraordinarily great work. It’s a great loss of the dentistry community.

Fig. 3 Dr. Wanvadee Shewinvanakitkul received B. Holly Broadbent research award from Dr. B. Holly Broadbent Jr. in December 2008.
In Memoriam*
Anthony A. Gianelly, 1936 - 2009

Anthony A. Gianelly
Chair, Professor
Boston University Henry M. Goldman
School of Dental Medicine
Massachusetts, U.S.A.

Dr. Anthony A. Gianelly, an internationally recognized professor of orthodontics, died of a heart attack on Thursday, May 28 at age 72 years. Dr. Gianelly was Chair ad interim of the Department of Orthodontics and Dentofacial Orthopedics at Boston University Henry M. Goldman School of Dental Medicine.

With his beloved wife, Ernestine (Painter), Dr. Gianelly had a son, Todd, daughter Lisa and her husband, Jeff Levinson, and grand sons William and Matthew Levinson. He lived in Waban, Massachusetts, for 45 years.

He received a doctor of dental medicine (DMD) degree from Harvard School of Dental Medicine in 1961 and a certificate of advanced graduate study in orthodontics from Harvard/Forsyth Dental Center in 1963. He earned a PhD in biology and biochemistry from Boston University in 1967 and a doctor of medicine (MD) degree from Boston University School of Medicine in 1974.

Dr. Gianelly began his career as a Research Fellow in Orthodontics at Harvard School of Dental Medicine in 1963. He was appointed as Associate Professor of Orthodontics at Boston University’s School of Dental Medicine in 1967 and held the position until 1969, when he became a full Professor since then.

He served as a Chair of the Department of Orthodontics and Dentofacial Orthopedics at Boston University from 1968 to 2003 and had returned as a Chair ad interim in 2007. In addition to teaching at Boston University, Dr. Gianelly lectured around the world throughout his career. He received many prestigious awards over the course of his career, including the 2009 Louise Ada Jarabak Memorial International Teachers and Research Award, presented at the American Association of Orthodontists Annual Session in May 2009. Boston University awarded him the Spencer N. Frankl Award for Excellence in Teaching in 1999. The same year, the Italian Society of Orthodontists gave Dr. Gianelly the Lifetime Achievement Award.

Dr. Gianelly held numerous non-academic appointments throughout his career, and co-authored 90 journal articles as well as authored or co-authored three books: Biologic Basis of Orthodontics (1971); Ortodonzia, Concetti Practici (1985); and Bidimensional Technique: Theory and Practice (2000).

For over 40 years, Dr. Gianelly was a dedicated mentor and father figure to his students as well as a true friend. He was loved and admired by his students, past and present. Apart from being a consummate teacher, he had contributed profound research knowledge in the field of orthodontics to which he had dedicated all his professional life. We deeply regret for his passing and would like to extend our sincerest sympathy and condolences to his family. His passing made our hearts filled with deep sorrow and senses of great loss.

* Abbreviated from the Obituary in Dr. Gianelly’s memorial service held at the Boston University Henry M. Goldman School of Dental Medicine on Friday, June 26th at 10:30 a.m. in the auditorium at 670 Albany Street. With courtesy by Assistant Professor Poopum J. Jaechakarasiri.