T. Gerard Bradley, BDS, MS, Dr.Med.Dent.

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School of Dentistry
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Education:

1983-1988	BDS	Cork Dental School, Cork, Ireland
1991-1993	MS	Master of Science The Ohio State University, Columbus, OH
1991-1994		Certificate of Specialty/ Orthodontics The Ohio State University, Columbus, OH
2013	Dr.Med.Dent.	Doctorate in Dental Medicine University of Bern, Bern, Switzerland.

ADMINISTRATIVE EXPERIENCE

Dean (University of Louisville School of Dentistry (ULSD); 2016-Present). Academic and operational leader of the school of Dentistry.
Responsibilities: As the chief academic and administrative leader of the School, the Dean is responsible for ensuring the School's excellence in education, research, clinical service, and outreach. Additionally, the Dean is responsible for all matters relating to the administration of the School, including academic programs, faculty, staff, students, facilities, resources, budgets, alumni, fundraising, and relationships with the UofL campus, the city of Louisville, and the community at large. The ULSD Dean oversees the Associate Deans of Predoctoral Education, Research & Enterprise, Clinical Affairs, and Postgraduate Education, along with Assistant Deans of Administration, Student Affairs and Finance. In addition, the Dean leads the Chairs of the following Departments: Department of General Dentistry & Oral Medicine; Molecular, Cellular & Craniofacial Biology; Oral Health & Rehabilitation; Orthodontics, Pediatric Dentistry & Special Care; Surgical and Hospital Dentistry; Oral Immunology & Infectious Diseases. The Dean reports to the Executive Vice President of Health Affairs, serves as a member of the EVP's leadership team, and works closely with the Deans of Medicine, Nursing and Public Health to further the missions of the UofL Health Sciences Center and the greater University at large.

Associate Dean Research and Graduate Studies (Marquette University School of Dentistry (MUSoD); 2013-2016). Part of Leadership team consisting of Associate Deans, Dean, direct reporting to Dean. Responsible for 5 graduate program heads, and Director of Research. 15 FT faculty, 30 PT faculty, 15 staff and > $0.3 million operating, $1.5 million in capital fund expenditure to equip a new research facility.

Responsibilities: Oversight of day-to-day operations of the Office of Research and Graduate Studies. Other responsibilities include Chair Graduate Program Director Meetings, Chair Research Lab Users Group (RLG), Chair Strategic Planning group for Research and Graduate Studies, a member of the Deans Leadership Group (Administrative Council). Serve as a member of the University Board of Graduate Studies (UBGS), serve on the university committee composed of Associate Deans for Research, working with Office of Sponsored Programs (ORSP) to facilitate pre-award and post-award concerns, hearing student appeals, overseeing Graduate Program Reviews, facilitating approval of new graduate courses, troubleshooting Graduate Admissions, Ex Officio Member of the Research Committee MUSoD, allocate Funds to support 8 research awards annually to faculty, support the student research group (SRG), award travel funds for presentations at national and international meetings, provide funds for Graduate Student Travel, Graduate Student Research, provide support for faculty development within the school of dentistry.

Examples of Accomplishments

- Led successful search for Director of Research
- Oversaw the expenditure of ($700,000 of 1.5 million) to equip a research lab
- Led efforts that have doubled our publications in 12 months ~60 Publications in 2015
- Led efforts that have trebled our student research presentations at AADR
- Led efforts that have trebled our grant applications in the current academic year
- Developed an Incentive reward plan for research intense faculty
- Developed and am implementing a strategic plan to expand research and graduate programs at MUSoD
- Successfully developed a new graduate Program in Periodontics, start date June 2016
- Re-organized the Core Course for the graduate courses, with three new additional courses being offered.

Department Chair Developmental Sciences (MUSoD; 2001-present) 8 FT faculty/academic staff; 9 Support staff; Annual budget of $400,000; Responsible for following programs, Orthodontics, Pediatric Dentistry and Behavioral sciences.

Responsibilities: Day-to-day operations of Department; Budgetary decisions and approval; tenure and promotion of faculty; conduct annual performance review of faculty and staff; oversee academic advising; engage Departmental alumni; lead Departmental Administrative team (i.e., Pediatric Dentistry, Orthodontics, Behavioral Sciences); Participate in leadership decision making body of school (Administrative Council); graduate undergraduate curriculum, course reviews, strategic planning in Department and for School of Dentistry.

Examples of Accomplishments

Day to Day Operations

- Moved pediatric dentistry from a rotation to a two year clinic experience for predoctoral students
- Increased transparency in Department Budget
- Led for the allocation of a new FTE for Pediatric dentistry
- Increased patient flow by 50% since 2001
- Led the planning for the expansion of the clinic space in Orthodontics and Pediatric Dentistry
- Led accreditation preparation for site visits in 2007 and 2014 (no Recommendations)
- Prepared two Dossiers for promotion in 2015
- Moved to an electronic record in Orthodontics
- Developed and finished fundraising for an endowed professorship in Orthodontics (one million dollars) to support faculty

Program Director Advanced Education program in Orthodontics: (MUSoD 2007-2015**).** Overall responsibility for the administration, teaching and research activities of the Advanced Education Program in Orthodontics.

Responsibilities: Faculty assignments, schedules and evaluations for the clinical and didactic program; direct supervision of residents and staff/evaluations at the graduate level; Faculty meetings (minimum twice a year), direct oversight of part-time and full-time faculty when assigned to graduate teaching, budgetary oversight within the program. Teaching responsibilities include clinical, didactic and pre-clinical where appropriate, curricular development and innovation. Research responsibilities include personal development and overall responsibility for resident progress to a Master's degree; maintain compliance with all standards as set by the Commission on Dental Accreditation (CODA).

Examples of Accomplishments:

- Revamped the entire curriculum
- Hired two additional FTE's to support education and research
- One in three residents publish a peer reviewed paper for master's thesis work
- Introduced the concept of an individualized learning Plan (ILP) for each resident
- Successful Accreditation in 2014
- 100% graduation of residents with a certificate and a Master's Degree
- Expanded the program from 24 months to 26.5 months to increase clinical proficiency
- Designed the current clinic facility

Current Faculty Appointment:

2016-Present	Dean and Professor University Of Louisville School of Dentistry, Louisville, KY
2014-2016	Associate Dean for Research and Graduate Studies Marquette University School of Dentistry, Milwaukee, WI
2013-2014	Interim Associate Dean for Research and Graduate Studies Marquette University School of Dentistry, Milwaukee, WI
2011-Present	Professor, Developmental Sciences Marquette University School of Dentistry, Milwaukee, WI
2004-2011	Associate Professor, Developmental Sciences Marquette University School of Dentistry, Milwaukee, WI
2005-2015	Graduate Program Director for Orthodontics Marquette University School of Dentistry, Milwaukee, WI
2001-Present	Chairman, Department of Developmental Sciences Marquette University School of Dentistry, Milwaukee, WI

Previous Experience:

1998-2004	Assistant Professor, Developmental Sciences Marquette University School of Dentistry, Milwaukee, WI
1998-1999	Interim Division Head Orthodontics
1999-2001	Division Head Orthodontics
1996-1998	Private Practice, London, England
1995-1996	Assistant Professor, Developmental Sciences Marquette University School of Dentistry, Milwaukee, WI

Teaching Experience:

Course Director:

1998-Present	DENT 6002 Section 102Craniofacial Growth (2) - Graduate DENT 299 Masters Thesis (6) - Graduate

	DENT 6001 Interdisciplinary orthodontics (0.5) - Graduate
1998-2009	DENT 220 clinical orthodontics (2) - Graduate
1998-2002	DSCH 531 Orthodontic management (1) - Junior
1998-2002	DSCH 534 Orthodontic technique (1) - Junior
1998-2002	DEDS 7222 Orthodontic Sophomore Lab (4) - Sophomore Lab
1998-2002	COCO 513 Growth and Development (0.5) - freshmen

Participating Faculty:

2002-Present	DEIN 7110 Foundations of Oral Health - freshmen (0.5)*
1998-Present	DEIN 7121 Oral Biology (2 lectures) - sophomore*
1998-Present	Senior Colloquium (2 Lectures)*
1998-Present	DEIN 7221 Pediatric Dentistry (2 lectures) - sophomore dental students*
2002-Present	DEDS 7310 Orthodontic Management (2 Lectures)*
	*These courses have had name changes over the years but the numbers of lectures and general content were the same.

Publications:

Citation indices	All	Since 2010
Citations	751	518
h-index	17	15
i10-index	21	21

(Google Scholar)

Peer-Reviewed Original Papers (Marquette University- Post Tenure submission):
In Preparation:

Orthodontic applications of biomaterials: a clinical guide. A book chapter on wire metallurgy. http://editorial.elsevier.com,

Periodontal considerations in Orthodontic and Orthopedic expansion. A book chapter.

Published:

Gerard Bradley T, Teske L, Eliades G, Zinelis S, Eliades T. Do the mechanical and chemical properties of InvisalignTM appliances change after use? A retrieval analysis. Eur J Orthod. 2015 Mar 3. pii: cjv003. [Epub ahead of print]PMID: 25740599.

Bradley TG, Berzins DW, Valeri N, Pruszynski J, Eliades T, Katsaros C. An investigation into the mechanical and aesthetic properties of new generation coated nickel-titanium wires in the as-received state and after clinical use. Eur J Orthod. 2013 Jul 19. doi:10.1093/ejo/cjt048.

Bradley TG. Changes in orthodontic treatment modalities in the past 20 years: exploring the link between technology and scientific evidence. J Ir Dent Assoc. 2013 Apr-May; 59(2):91-4.

Bradley TG, Bosio JA, Grauer D. Residents' journal review. Am J Orthod Dentofacial Orthop. 2013 May; 143(5):599-601.

Chang Y, Koenig LJ, Pruszynski JE, Bradley TG, Bosio JA, Liu D. Dimensional changes of upper airway after rapid maxillary expansion: a prospective cone-beam computed tomography study. Am J Orthod Dentofacial Orthop. 2013 Apr; 143(4):462-70.

Bradley TG. Residents' journal review. Am J Orthod Dentofacial Orthop. 2012 June; 141(6):676-678.

Bakhtari A, Bradley TG, Lobb WK, Berzins D. Galvanic corrosion between various combinations of orthodontic brackets and archwires. Published Am J Orthod Dentofacial Orthop. 2011 July; 139, Issue 1, Pages 25-31.

Fitzgerald I, Bradley GT, Bosio JA, Hefti A, Berzins D. Bonding with self-etching primers-- Pumice or pre-etch? An in-vitro study. 2011 Feb 7th, Eur Journal of Orthod. Epub.

Bosio JA, Bradley TG, and Hefti AF**:** Moving an incisor across the midline - A treatment alternative in an adolescent patient. Published Am J Orthod Dentofacial Orthop. 2011 Apr; 139, Issue 4, Pages 533-543.

Noyce M; Jackson S, Szabo A, Pajewski N, Bradley TG, and Okunseri C**.** Primary language spoken at home and children dental health service utilization in the United States. Published Journal of public Health Dent, 2009 fall; 69(4)276-83.

McGuire J; Jackson S, Szabo A, Bradley TG, and Okunseri C. Erosive tooth wear among children in the United States, relationship to race/ethnicity and obesity. Published Int J Paediatr Dent 2009 Mar; 19(2): 91-98

*****Pelsue B, Zinellis S, Berzins D, Bradley TG, Eliades T and Eliades G. Structure, composition and mechanical properties of Australian orthodontic wires. Published Angle Orthod. 2009 Jan; 79(1):97-101

Whitesides J; Pajewski N, Bradley TG, Iacopino A, and Okunseri C. Socio-demographics of adult orthodontic visits in the United States. Published Am J Orthod Dentofacial Orthop. 2008 Apr; 133, Issue 4, Pages 489 e9-e14, April 2008.

*****Rejman D; Eliades T, Bradley TG and Eliades G**.** Polymerization efficiency of glass-ionomer and resin adhesives under molar bands. Published Angle Orthod. 2008 May; 78(3):549-52

Foster JA; Berzins D, Bradley TG**.** Bond strength of an amorphous calcium phosphate-containing orthodontic adhesive. Published Angle Orthod. 2008 Mar; 78(2):339-44.

*****Niepraschk M; Rahiotis C, Bradley TG, Eliades T and Eliades G**.** Effect of various curing lights on the degree of cure of orthodontic adhesives. Published Am J Orthod Dentofacial Orthop. 2007 Sep; 132, (3), Pages 382-4.

*****Northrup R, Berzins D, Bradley TG, Schuckit W. Shear bond strength comparison between two orthodontic adhesives and self ligating and conventional brackets. Published Angle Orthod. 2007 vol; 77(4):701-6.

Biermann M, Berzins D, Bradley TG. Thermal Analysis of As-Received and Clinically Retrieved Copper-Nickel-Titanium Orthodontic Arch Wires. Published Angle Orthod. 2007May; 77(3): 499-503.

***** Siargos B, Bradley TG, Darabara M, Papadimitriou G, Zinelis S. Galvanic corrosion of metal injection molded (MIM) and conventional brackets with nickel-titanium and copper-nickel-titanium archwires. Published Angle Orthod. 2007 March; 77(2): 355-60.

Daub J, Berzins D, Linn B, Bradley TG**.** Bond strength of direct and Indirect Bonded Brackets after Thermocycling. Published Angle Orthod. 2006 Vol 76(2):295-300.

*****Melugin M, Hanson P, Bergstrom C, Bradley TG, Schuckit W. Soft-Tissue to Hard-Tissue Advancement Ratios for Mandibular Elongation Utilizing Distraction Osteogenesis in Children. Published Angle Orthod. 2006, Vol 76(1); 72-6.

*****Ferri N, Zinellis S, Bradley TG, Eliades T**.** Force to debond brackets from high fusing and low fusing porcelain systems. Published Angle Orthod.2006 Mar; 76(2): 278-81.

*****Jarvis J, Villalobos F, Zinellis S, Bradley TG, Eliades T. Porcelain surface roughness, color and gloss changes after orthodontic bonding. Published Angle Orthod. 2006 Mar; 76(6):274-7.

Linn B, Dhuru V, Berzins D, Bradley TG. A comparison of bond strength between direct and indirect bonding methods. Published Angle Orthod. 2006 Mar; Vol 76(2): 289-294

Peer-Reviewed Original Papers (Marquette University- Pre-Tenure):

T. Eliades, T. Gioka, S. Papaconstantinou, T. G. Bradley**.** Premolar bracket position revised: proximal and occlusal contacts assessment. Published World J of Orthod, 2005 summer; 6(2):149-55.

Varghese S, Kimmell T, Radmer T, Bahcall J and Bradley TG**.** In vitro evaluation of the XR-15 portable X-ray unit for forensic odontology. Published J. Forensic Odontostomatol. 2004 Jun; 22(1):5-8.

*****Schuster S, Eliades G, Zinelis S, Eliades T, and Bradley TG. Structural conformation and leaching from in vitro aged and retrieved Invisalign appliances. Published Am J Orthod Dentofacial Orthop. 2004 Dec; 126(6):725-8.

*****J.K. Hintz, T.G. Bradley TG and T. Eliades. Enamel color changes following whitening with 10 per cent carbamide peroxide: a comparison of orthodontically-bonded/debonded and untreated teeth. Published Eur J Orthod. 2001 Aug; 23(4):411-5.

Eliades T, Kakaboura A, Eliades G, Bradley TG**.** Comparison of enamel color changes associated with orthodontic bonding using two different adhesives. Published Eur J Orthod. 2001 Feb; 23(1):85-90.

Eliades T, Eliades G, Bradley TG and Watts DC. Degree of cure of orthodontic resin adhesives with various initiation modes. Published Eur J Orthod. 2000 Aug; 22(4):395-9.

Bradley TG, Olivera D. Glass-Ionomer adhesives in orthodontics: Clinical implications and future research directions**.** Published Hellenic Orthodontic Review, April 2000.

Eliades T, Eliades G, Athanasiou AE, and Bradley TG. Surface characterization of retrieved NiTi orthodontic archwires. Published Eur J Orthod.2000 Jun; 22(3):317-26.

***Mentored graduate student research as major thesis advisor or research advisor**

Peer-Reviewed Original Papers (Pre-Marquette University):

Bradley TG, Brantley WA, Culbertson B. A differential scanning calorimetry study of superelastic and nonsuperelastic Nickel-Titanium orthodontic wires. Published Am J Orthod Dentofacial Orthop 1996 Jun: 109(6):589-97.

Book Chapters and Reviews (Marquette University):

Risk Management in Orthodontics: Experts Guide to Malpractice. Graber T, Eliades T and Bradley TG. Quintessence Inc, 2003.

Refereed Abstracts (Marquette University-Post tenure):

Teske L, Berzins D, Bradley TG, Elhajjar R. Mechanical Properties and Patient Perceptions of Clear Aligner Systems. Abstract and Poster Board, 2015 AADR, Boston, MA.

Roucka T, Hodgson B, Dentino D, Bradley TG, Thompson T, Wirtz T. Engaging Predoctoral Dental Students in an Integrated Curriculum through a Comprehensive Dental Rounds Program. ADEA annual session, Orlando 2012.

Mollov N, Bosio JA, Bradley TG, Pruszynski J: Intra- and Inter-Examiner Reliability of Clinical Anthropometry. Abstract and ePoster. 2012 AAO Annual Session, Honolulu, HI.

Bosio JA, Wright J, Bradley TG, Lobb W, Pruszynski J: Maxillary Lateral Incisor Agenesis in Relation to Overall Tooth Size. Abstract and Poster Board, 2012 IADR, Tampa, FL.

Wright J, Bosio J, Liu D, Bradley, T**:** Congenitally missing maxillary lateral incisors and its relation to tooth size. Abstract and Poster presented at 2011 American Association of Orthodontists, Chicago, May 2011.

Noyce M; Jackson S, Szabo A, Pajewski N, Bradley TG, and Okunseri C. The effect of parental spoken language on children's preventive and regular dental health service utilization in the United States. Published American Academy of Health national meeting June 9th 2008.

McGuire J; Jackson S, Szabo A, Bradley TG, and Okunseri C. The association of race/ethnicity, obesity and income on the prevalence of dental erosion among children in the United States. IADR #107100 July 3rd 2008.

Refereed Abstracts (Marquette University-Pre- tenure):

Andrade I, Bradley TG, Kittleson R and Daub J. The long-term stability of deep overbite correction. J Dent Res 2003:82 (Special Issue).

Santos S, Monaghan P, Bradley TG, and Toth Jeff**.** Structural and property changes of Niti wires due to clinical use. J Dent Res 2003:82 (Special Issue).

Maslowski M, Bradley TG, Monaghan P and Toth J. Reduction of mechanical properties of Niti wires due to clinical use. J Dent Res 2003:82 (Special Issue).

Olm B, Darling N, Villalobos F, and Bradley TG. The Bond strength and rebond Strength of two orthodontic adhesives on identically conditioned enamel surfaces. J Dent Res 2002: 81(special issue).

Lovell C, Varghese S, and TG Bradley**.** Accuracy of the panoramic radiograph in diagnosing Condylar Assymetries. J Dent Res 2002: 81(special issue).

Cheng DSF, Bradley TG, Dhuru V, Eliades T. Effect of a bonding agent on shear bond strength to contaminated enamel. J Dent Res 2002: 81(special issue).

Oliveira D, Dhuru V, Kittleson J, Bradley TG. The effect of different enamel conditioning on the bond strength of resin modified glass ionomer cement and ceramic brackets. J Dent Res 2001: 80(special issue).

Eliades T, Kaboura A, Eliades G, Bradley TG. Comparison of enamel color changes associated with orthodontic bonding. J Dent Res 2001: 80(special issue).

Eliades T, Katsavrias E, Eliades G, Bradley TG and Villalobos F. Moisture-insensitive adhesives: reactivity and bond strength to wet and saliva-contaminated enamel. J Dent Res 2001: 80(special issue).

Hintz J, Bradley TG, Clark D, Eliades T. An evaluation of the color difference between debonded and control teeth after bleaching. J Dent Res 2000: 79(special issue).

Westfallen T, Bradley TG, Lenz MB, Lovell E, Eliades T**.** A study of a bonded rapid palatal expansion in combination with High-pull Gear. J Dent Res 2000: 79(special issue).

Peer-Reviewed Original Abstracts (Pre-Marquette University):

Salome N, Bradley TG, Clark GM, Rugh JD, Van Sickels SD, Keeling RA. Masticatory efficiency in rigid and wire fixation for orthognathic surgery. J Dent Res 1996:75(special issue).

Mitchell JC, Bradley TG. Brantley WA. Elemental analyses of six commercial nickel-titanium orthodontic wires. J Dent Res 1996; 75(special issue).

Bradley TG, Mitchell JC, Brantley WA. The surface topography of six commercial nickel-titanium orthodontic wires. J Dent Res 1996; 75 (special issue).

Bradley TG, Brantley WA, Culbertson B. A differential scanning calorimetric study of nickel-titanium orthodontic wires. J Dent Res 1994; 73(Special Issue):2496.

Posters (Non Peer-Reviewed Marquette University- Post Tenure):

Wright J, Bosio J, Liu D, Bradley, T**:** Congenitally missing maxillary lateral incisors and its relation to tooth size. Abstract and Poster presented at 2009 Forward Thinking Poster Session Marquette University, 12/01/09.

Yoon Chang, Bosio J, Liu D, Bradley, T**:** Effects of rapid maxillary expansion on upper airway; a 3-D cephalometric analysis. Abstract and Poster presented at 2009 Forward Thinking Poster Session and Colloquy of Marquette University, 12/01/09.

Fitzgerald I, Bradley TG, Bosio J, Berzins D, Hefti A, Liu D: Bonding with Self-Etching Primers – Pumice or Pre-etch? An in vitro study. Abstract and Poster presented at MUSoD Research Day, 02/18/2009.

McRae E, Bosio J, Bradley TG: Bonded Lingual Spur Therapy to Treat Anterior Open Bite. Abstract and Poster presented at MUSoD Research Day, 02/18/2009.

McRae E, Bosio J, Bradley TG: Bonded Lingual Spur Therapy to Treat Anterior Open Bite. Abstract and Poster presented at 2009 Forward Thinking Poster Session Marquette University, 12/01/09.

Fitzgerald I, Bradley TG, Bosio J, Berzins D, Hefti A, Liu D: Bonding with Self-Etching Primers – Pumice or Pre-etch? An in vitro study. Abstract and Poster presented at 2009 Forward Thinking Poster Session Marquette University, 12/01/09.

Posters (Peer Reviewed Marquette University- PreTenure):
David AD, Bradley TG, Lobner D**.** Cytotoxicity of orthodontic arch wires on murine cortical culture cells. Presented AAO, National Meeting 2003.

Parajon J, Maslowski M, Bradley TG, Monaghan P and Toth J. Mechanical property degradation of Niti wire due to clinical use. Accepted for Presentation AAO, National Meeting 2003.

Larrabee P, Santos S, Monaghan P, Bradley TG, and Toth Jeff. X-ray diffraction and Vickers Hardness analysis of Nickel titanium archwires before and after use. Accepted for Presentation AAO, Hawaii 2003.

Posters (Peer Reviewed Pre- Marquette University):
Bradley TG, Brantley WA, Culbertson B. A differential scanning calorimetric study of nickel-titanium orthodontic wires. AAO, May 1994

Current Research:
Objective: To test the hypothesis that aligners and clear plastic trays have different metallurgical properties that may affect their clinical performance. Resident master's thesis 2015.

Objective: An investigation into the bonding properties of new generation ceramic brackets as compared to stainless steel controls. Resident master's thesis 2014.

Objective. Facial soft tissue changes associated with rapid palatal expansion. Resident master's thesis 2014.

Presentations and Lectures:
Conference Presentations Peer Reviewed National (Marquette University):
Sutkiewicz F, Stafford G, Bradley TG, and Roucka T. Building the Foundation: Dental Rounds as a Curricular Cornerstone, ADEA annual session March 2013.

Bradley TG. Self Ligation the truth is out there! The American Association of Orthodontist's Meeting Seattle, May 2007

Bradley TG. Orthodontic materials, medical or cosmetic? The American Association of Orthodontist's Meeting Las Vegas, May 2006

Presentations and Lectures:

Conference Presentations International (Marquette University):

Bradley TG. New Esthetic Orthodontic Materials. 2014 AAO Winter conference. Invited speaker at the Las Vegas meeting. (200 participants), February 7th, 2014.

Bradley TG. Changes in orthodontic treatment and modalities in the past twenty years. Exploring the link between technology and scientific evidence. Invited keynote speaker at the centenary celebration of the cork dental school. (200 participants), March 1st, 2013.

Bradley TG. An introduction to first, second and third order bends. A three hour lecture to 9 orthodontic residents at the University of Bern, Switzerland. February 22nd, 2013.

Bradley TG. An introduction to the ABO cast analysis. A one hour lecture to 9 orthodontic residents at the University of Zurich, Switzerland, February 21st, 2013.

Bradley TG. An introduction to the Tweed philosophy. A three day typodont course to 9 orthodontic residents at the University of Zurich, July 9 to the 12th, 2012

Conference Presentations Non Peer reviewed Regional/Local (Marquette University):

Bradley TG: Moderator/Chair afternoon Session, Molar Distalization, American Association of Orthodontists Meeting, May 2011

Bradley TG. Advanced General Dentistry fellowship: Preparation for Orthodontic portion of Examination: Marquette University September, 2006

Bradley TG. Orthodontic Materials, Medical or Cosmetic? The Ohio State University, November, 2006

Bradley TG. The Damon System and Evolving Technologies. Where is the proof? The Ohio State University, November, 2004

Bradley TG. Advanced General Dentistry fellowship: Preparation for Orthodontic portion of Examination: Marquette University May, 2003

Bradley TG. A Review of Invisalign and latest Developments in Orthodontics. An update. Marquette University School of Dentistry, March 29th, 2003

Bradley TG. A Review of Growth and Development and implications in clinical Dental Practice. Outagamie Dental Society meeting, Appleton WI October 4th, 2001.

Bradley TG. Advanced General Dentistry fellowship: Preparation for Orthodontic portion of Examination: Marquette University June 8th, 2001.

Bradley TG. Orthodontics for the General Practitioner-children and adult patients. 1.5 hours to the Hispanic Dental Association, Chicago Illinois October 12th 2000

Bradley TG. Orthodontics for the Practicing Dentist. Presented to the American Dental Partners, The Wyndham Hotel, Milwaukee WI, and June 6th 2000.

Bradley TG. Co-Chairman of Oral Presentation Session IADR, April 2000.

Bradley TG. The Effects of Bleaching on Orthodontically Debonded teeth. The Ohio State University December 5th, 1999.

Bradley TG. The Effects of Bleaching on Orthodontically Debonded Teeth. Baylor University December 14th, 1999.

Bradley TG. Orthodontics for the General Dental Practitioner: Presenter for a Three Hour CE course, 12/2/99.

M.S. Graduate Student Research Committee Memberships (= Major Thesis Advisor):**

Abraham, Maxwell. The direct effect of low-magnitude high-frequency mechanical vibration on osteoclast formation from RAW264.7 monocytes. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2015.

Roloff, Jennifer. Influence of fluoride and stress on the mechanical properties of nickel-titanium coils. A Thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2015.

Barnes, Ashley. Influence of fluoride and stress on the electrochemical properties of nickel-titanium coils. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2015.

Long, Audra. Changes in composite toxicity following exposure to pulp capping materials. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2015.

**Teske, Lauren. Mechanical properties and patient perceptions of commonly used clear aligner systems as-received and after clinical use. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2015.

**Inoue A. An investigation into the bonding properties of new generation ceramic brackets as compared to stainless steel controls. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2014.

**Longo P. Facial soft tissue changes associated with rapid palatal expansion. . A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2014.

Olejniczak, A. Microstructure and mechanical properties of nickel-free and nickel-containing orthodontic wires. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2014.

Rakalla, A. Composition, phase structure, and corrosion properties of nickel-free and nickel-containing orthodontic wires. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2014.

Kennedy, D. Effect of mechanical vibration on resistance to sliding in the fixed orthodontic appliance. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science August 2014.

**Valeri N. A DSC investigation into the mechanical properties of new generation coated nickel-titanium wires in the as-received and after clinical use. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2013.

Knutson, K. The corrosion properties of temporary orthodontic anchorage devices. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2012.

Mollov, N: Intra-examiner and inter-examiner reliability and inter-method comparison in physical anthropometry and photogrammetry. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2012.

Chang, Ju-Han. Properties of Biomers archwires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2012.

Yarmolyuk, Y Mechanical stress modulates expression of toll-like receptors in human PDL cells. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2012.

Barta, J. The effects of extracorporeal shockwaves on cementoblasts in vitro. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2012.

Chang, Y. A CBCT study of airway after rapid maxillary expansion. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2011.

Foster, M: Marginal ridge thickness of incisors in orthodontic patients. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2011.

Wright J. Agenesis of maxillary lateral incisors and tooth size discrepancies. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2011.

Mantel, A: Friction properties of a new orthodontic wire. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2011.

Thomas, J .The effect of light curing time on polymerization and bond strength of a resin reinforced glass-ionomer. . A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2011.

**Fitzgerald, I. Bonding of self etching primers with the addition of a short etch. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2010.

McRae E. Bonded Lingual Spur Therapy to Treat Anterior Open Bite. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2010.

Mullally, N. Cementoblastic response to high Vs low level of mechanical force in vitro. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2010.

Rummel, Andrew: Application of Mechanical Vibration to Modulate Orthodontic Tooth Movement in Mice. -A pilot micro CT study. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2010.

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McGuire Jesse. Erosive tooth wear among children in the United States, relationship to race/ethnicity and obesity. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2009

Noyce Matthew. Primary language spoken at home and children dental health service utilization in the United States. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2009

Hong Jean**.** A study of metallurgy of Niti wires using DSC. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2009

Carlson Kristin. An evaluation of preference in chewing and handedness. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2009

Lai Christopher. A comparative study of expansion and expansion with vibration on a population of mice. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2009

Whitesides Joseph: Adult orthodontic visits in United States. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2008

Dietz Meaghan: Assessment of white spot remineralization using CPP-ACP paste. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2008

Christensen David: An evaluation of centric relation using cone beam tomography. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2008

**Lofgren Trent: Physical properties of stainless steel wires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2008.

Brian Pelsue. Structural composition and mechanical properties of Australian orthodontic wires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2008.

Marcus Niepraschk. Effect of different curing lights on the degree of cure of orthodontic adhesives. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2007.

Mershon, David. In Vitro Cytotoxicity of Flowline, Durafill, and Dycal On Pulpal Stem Cells Treated With And Without Growth Factors. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2007.

**Dan Rejman. Polymerization efficiency of glass-ionomer and resin adhesives under molar bands. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2007.

Foster, JA: Bond strength of an amorphous calcium phosphate-containing orthodontic adhesive. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2007

Segal Nadev. Influence of stress and phase on corrosion of a superelastic nickel-titanium orthodontic wire. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2007.

Matthew Biermann. Thermal Analysis of As-Received and Clinically Retrieved Copper-Nickel-Titanium Orthodontic Arch Wires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2006

**Northrup, Rodney: A Shear bond strength comparison between two orthodontic adhesives and self ligating and conventional brackets. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2006

Patel, Smita. In Vitro cytotoxicity of dental materials to dental pulp stem cells backed with growth factors. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2006

Bahtari, Arash: Galvanic corrosion between various combinations of orthodontic brackets and archwires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2006

**Barbara Siargos. Galvanic corrosion of metal injection molded (MIM) and conventional brackets with nickel-titanium and copper-nickel-titanium archwires. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2006.

**Nicholas Ferri. Force to debond brackets from high fusing and low fusing porcelain systems. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2005.

**Michael Melugin. Soft-Tissue to Hard-Tissue Advancement Ratios for Mandibular Elongation Utilizing Distraction Osteogenesis in Children. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2005.

Jacob Daub. Bond strength of direct and Indirect Bonded Brackets after Thermocycling. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2005.

**Jacob Jarvis. Porcelain surface roughness, color and gloss changes following orthodontic bonding. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2005.

Doug Barden. In Vitro Cytotoxicity of Amalgam with and Without Zinc to Dental Pulp Stem Cells. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2005.

Shaun Varghese. Forensic Odontology: application of portable X-ray instrumentation. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2004.

Brandon Linn. A comparison study between direct and indirect bonding methods. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2004.

**Lynae Shear. CT and Vickers hardness analysis of Stainless Steel and titanium Brackets. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirement for the Degree of Master of Science May 2004.

**Jeffrey Wing. Structure and composition of two titanium and two stainless steel orthodontic brackets. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2004.

Susan Schuster. Structural conformation and leaching from in vitro-aged and retrieved Invisalign appliances**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirement for the Degree of Master of Science May 2004.

**Meaghan O'Donnell Struby. A study to compare the accuracy of a digital model and a regular stone model. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2004.

**Benjamin Larrabee. Shear bond strengths of one and two step bonding techniques on extracted teeth. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirement for the Degree of Master of Science May 2003.

Grace Richardson. Treating Dolichocephalic Facial Patterns. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2003.

Mark Hanson. In Vitro Neuronal Cytotoxicity of Latex and Non-Latex Orthodontic Elastics
A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2003.

Alexis David. In Vitro Cytotoxicity of Orthodontic Cements and Archwires**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2003.

Jorge Parajon. A Comparison of the Sliding Properties of Titanium Brackets with Reduced Friction Stainless Steel Bracket**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2003.

**William Bird. A study of growth changes in a population of children in an orphanage. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2002.

**Carlos Lamboy. A study of the effects of a modification of the Hilgers appliance on the growth pattern of a group of orthodontic patients. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2002.

**Ildeu Andrade. A retrospective study of relapse in an orthodontic population five and ten years after the removal of appliances. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2002.

Sarah Santos. X-ray diffraction and Vickers hardness analysis of nickel-titanium wires before and after clinical use. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirement for the Degree of Master of Science May 2002.

** Michael Maslowski. Mechanical property degradation of NiTi wires due to clinical use. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2002.

**Susan Karimkhan-Zand. The effect of premolar extractions on tooth-size discrepancy in African-American orthodontic patients. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2001.

**Viney Singh-Saini. The incidence of palatal canine impaction in conjunction with congenitally missing maxillary lateral incisors. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2001.

**Bryon Kozak. A study of asymmetry in the mandible associated with tooth loss. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirement For the Degree of Master of Science May 2001.

**Chris Lovell. The Accuracy of the panoramic radiograph in diagnosing mandibular ramal and condylar asymmetries: A crainiometric Study. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2001.

Carolina Lima. A study of the mandibular response after maxillary expansion in a non-treated sample**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2001.

Brett Randall Olm. The Bond strength and rebond Strength of two orthodontic adhesives on identically conditioned enamel surfaces**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2000.

Dauro Douglas Oliveira. The effect of different enamel conditioning on the bond strength of resin modified glass ionomer cement and ceramic brackets**.** A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2000.

MyDzaung Marie Dang. Cephalometric study of extraction and nonextraction therapy and their effects on the vertical dimension in African Americans. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2000.

**Jeffrey Keesler. Shear bond strengths of metal and ceramic brackets bonded to contemporary porcelain surfaces. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2000.

**Derek Siu Fung Cheng. Effect of a hydrophobic bonding agent on shear bond strength to water and saliva contaminated enamel. A thesis to be submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 2000.

**John Karl Hintz. Color change of orthodontic debonded and control teeth after treatment with 10 percent Carbamide peroxide. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 1999.

**Jean Jiangyan Xu. A cephalometric evaluation of Soft Tissue Profile Changes after Premolar Extractions. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 1999.

**Gilpatrick Schmidtke. A cephalometric study of vertical control using a palatal bar while performing intrusion mechanics. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 1999.

**Theresa Westfallen. Cephalometric evaluation of treatment with a bonded rapid palatal expander in combination with high-pull headgear. A thesis submitted to the faculty of the Graduate School,

Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 1999.

**Shaun Hicken. Condylar motion viewed in a near sagittal plane using ultrasonography. A thesis submitted to the faculty of the Graduate School, Marquette University, in Partial Fulfillment of the Requirements for the Degree of Master of Science May 1999.

Service:

Review/Editorial Boards:

2014-Present	Progress in Orthodontics, Reviewer
2010-Present	European Journal of Orthodontics, Reviewer
2004-Present	The Angle Orthodontist, Reviewer

Committees:

2014-Present	Chair, Search Committee Faculty Position Orthodontics
2014	Chair, Search Committee for Director of Research
2014-2015	Chair, Search Committee for Director, Advanced Education Program in Orthodontics
2002-Present	Member, Administrative Council
2009- 2014	Chairman, Curriculum committee, MUSoD
2002-Present	Chair, Graduate Program Directors Committee, MUSoD
2011-2014	Member of Promotion and Tenure Committee
2008-2010	Member, Search Committee for Chair Surgical Services
2004-Present	Member, Research Committee, MUSoD
2006-2007	Member, Search Committee for Associate Dean for Research and Graduate Studies
2006-2007	Member, Search Committee for Assistant Professor (Pedo)
2006-2007	Chair, Search Committee for Assistant Professor (Ortho)
2005-1006	Chair, Search Committee for Assistant Professor (Ortho)
2001	Chair, Search Committee for Assistant Professor (Ortho)
2001	Member, Search Committee for Assistant Professor (Perio)
2001	Chairman, Search Committee for Assistant professor (Pedo)
2001	Member, Search Committee for Graduate Program Director/Orthodontics
1999-2002	Member, Admissions Committee, MUSoD
2001-2002	President Faculty Council
1999-2001	Vice-President, Faculty Council
1999	Member, Search Committee for Assistant Professor/Orthodontics
1999	Member, Search Committee for Graduate Program Director/Orthodontics
1999	Member, Search Committee for Clinic Director
1999	Member, Search Committee for Associate Dean for Research and Graduate Studies
1998-2001	Member of the Division Heads Council

Membership in Professional Societies:

1994-Present	American Association of Orthodontists
1999-Present	American Dental association
2002- Present	Tweed Society
2011-Present	First year affiliate member the Edward H. Angle Society.

Other Service/Activities:

2016	CODA Team Member at site visit
2015	CODA Team Member at site visit
2014	CODA Team chair at site visit

2013	CODA Team chair at site visit
2012	CODA Team Member at site visit
2011	Appointed Consultant Orthodontic Site Visitor, commission on dental accreditation (CODA). Member of team 2012, Chaired team 2013, will Chair a visit in 2014.
2011	Prepared and submitted two dossiers for faculty seeking promotion and tenure
2007	Directed and drafted the Accreditation report for Orthodontics
2000	Directed and drafted the Accreditation report for Orthodontics
2000	Personal Commendation from Site visit Consultant

2006- Present	School Board Member of Lake Country School Hartland WI
2009- 2012	Vice-President of School Board Lake Country School Hartland WI