

CURRICULUM VITAE
JOSEPH C. MENG

2831 Fort Missoula Rd.
Physicians Center #2, Ste. 204
Missoula, MT 59804
Phone: 406-543-5647
Email: joe@mtmengs.net
Web: www.mtmengs.net

POST-SECONDARY EDUCATION

June 2006 – June 2009	Graduate Prosthodontics Baylor College of Dentistry The Texas A&M University System Health Science Center Dallas, TX 75226 <i>Specialty certificate in Prosthodontics and M.S in Oral Biology awarded</i>
August 2002 – June 2006	The University of Iowa College of Dentistry Iowa City, Iowa <i>DDS awarded</i>
August 1999 – May 2002	University of Montana Missoula, Montana <i>No degree received due to early admittance into dental school</i>

PREDOCTORAL AWARDS AND HONORS

- **Dean's Leadership Award**, 2004, 2005, and 2006. Awarded for exceptional dedication, leadership, and loyalty to the student body and programs of The University of Iowa, College of Dentistry.
- **Dr. Allen and Helen Ito Scholarship recipient**, 2004. Based on scholastic merit.
- **R.E. Minger Award recipient**, 2004 – Selected by Prosthodontic faculty at for outstanding performance in sophomore preclinical fixed and removable Prosthodontic courses.
- **Wesley Collins Darby Award recipient**, 2005 – Selected by Operative Dentistry faculty for outstanding performance in the clinical operative dentistry rotation.

- **1st Place, Pre-Doctoral Table Clinic Competition**, 2004 – Iowa Section of the AADR. *Dynamic Fatigue Stress Analysis Utilizing a Custom Universal Force Application Machine.*
- **2st Place, Pre-Doctoral Table Clinic Competition**, 2005 – Iowa Section of the AADR.. *Implant-abutment Interface Micromotion of Three Different Implant Neck Designs.*
- **2st Place, ADA/Dentsply Student Clinician Program Table Clinic Competition**, 2004 – ADA Annual Session, Orlando, Florida. *Dynamic Fatigue Stress Analysis Utilizing a Custom Universal Force Application Machine.*
- **Dental Research Award**, 2002-present. Awarded to outstanding dental applicants prior to their entry into the freshman year of dental school. The program is designed to encourage young scholars to investigate and consider a career in academic research and teaching in dentistry.
- **The Jack D. Mesropian Professional Protector Plan Memorial Scholarship**, 2006 – Given by the Wisconsin Dental Association Insurance Programs, Inc. to one senior dental student at the University of Iowa for leadership, volunteerism, involvement in dental school activities, and academic excellence.
- **Academy of Dental Materials Award**, 2006 – Awarded to one senior dental student for excellence in restorative dental materials research.
- **Waterpik Technologies Excellence in Prosthodontics Award**, 2006 – Awarded to one senior dental student for excellence in pre-doctoral prosthodontics.
- **Research Achievement Award**, 2006 – Awarded to 7 senior dental students who have made exemplary contributions to dental research; graduating seniors who have shown substantial and sustained involvement in productive research during their years in dental school, as determined by a panel of 25 faculty, staff, and student evaluators.
- **Academy of Osseointegration Outstanding Dental Student in Implant Dentistry Award**, 2006 – Awarded to one senior dental student who has excelled in implant dentistry at the pre-doctoral level.
- **Omicron Kappa Upsilon (OKU)**, 2006 – Awarded to 7 out of the top 15 students in the senior dental class based on merit and leadership; elected by current OKU members.
- **Lux Scholarship**, 2007 – Awarded by Baylor College of Dentistry to 3 dental/graduate students demonstrating academic merit and financial need.
- **Henry M. Thornton/SCADA Fellowship Fund**, 2007 – Awarded to a member of International Association of Student Clinicians-American Dental Association enrolled in a post-doctoral dental clinical or research based education program.

PREDOCTORAL PROFESSIONAL AFFILIATIONS

- **University of Iowa Pediatric Dentistry Club member**, 2004-2006 - Participated in activities for *Give Kids a Smile* month.
- **Legislative Liaison**, 2004-2006 – Iowa’s chapter of the American Student Dental Association, University of Iowa College of Dentistry.
- **University of Iowa Mobile Clinic Participant**, 2005 – Outreach program to provide basic diagnostic dental services to underserved patients.
- **Member of The International Association of Student Clinicians-American Dental Association (SCADA)** – 2004-2009 - The objective of this Association is to stimulate and promote participation by its members in the activities of organized, ethical dentistry; to advance the art and science of dentistry by encouraging participation of undergraduate dental students in school clinic programs and the annual scientific sessions.

- **Delta Sigma Delta Dental Fraternity member** – 2002-present, University of Iowa, College of Dentistry

PREDOCTORAL PROFESSIONAL RELATED EXPERIENCE

- **Preclinical Simulation Clinic Tutor/Monitor**, 2004-2006 – Assist and provide feedback to first and second year dental students working in the simulation clinic during evenings, University of Iowa, College of Dentistry.
- **Health Sciences Learning Community Mentor**, 2004-2005 – Be a mentor/resource to pre-dental college freshmen who are a part of the University of Iowa Health Sciences Learning Community.
- **National Dental Student Lobby Day Attendee**, 2005 – Annual event driven by ASDA and ADEA for which students from dental schools across the country visit Capitol Hill and promote legislation which will benefit current students, newly graduated dentists, and on large scale attempts to improve care for underserved populations.

INVENTIONS

- [Custom Universal Force Application Machine \(MEGinator\) – Un-patented – Developed with a dental student colleague at the University of Iowa College of Dentistry for use in precision high speed cyclic loading of various dental materials, to conduct fatigue studies.](#)

EXTRACURRICULAR ACTIVITIES/ PERSONAL INTERESTS

- **Mid-America Housing Partnership Volunteer**, 2004 & 2005 – Organization similar to *Habitat for Humanity* in which volunteers help fix up houses to be sold to low income families in need.
- **Children’s Miracle Network “Dance Marathon” Volunteer**, 2004 – 24 hour dance marathon to support the Pediatric Oncology Unit at the University of Iowa Hospitals and Clinics and the Children’s Miracle Network.
- Hiking, camping, bicycling, SCUBA diving, kayaking, wakeboarding, snowboarding, cross county skiing, and distance running.

PUBLICATIONS AND PRESENTATIONS

Abstracts: **Meng J.**, Everts J., Gratton D., Qian F. Implant-abutment interface micromotion of three different implant neck designs. *J Dent Res*, 2005; Vol 84, #0435

Everts J., **Meng J.**, Gratton D. Flexural strength of zirconia frameworks fatigued under simulated oral conditions. *J Dent Res*, 2005; Vol 84, #0425.

Meng J., Everts J., Gratton DG. Flexural strength of treated zirconia frameworks under simulated oral conditions. *J Dent Res*, 2006; Vol 85, #1876.

Meng J., Nagy W.W., Wirth C.G., Buschang, P.H. Equilibrating Master Casts and the Occlusal Harmony of Indirect Restorations. *J Dent Res*, 2006; Vol 88, #1594.

Articles:

Steinberg EK., Lindner KR., Gallea J., Maxwell A., **Meng J.**, Allendorf FW. Rates and patterns of microsatellite mutations in pink salmon. *Molecular Biology & Evolution*. Vol. 19(7):1198-202, 2002 Jul.

[Meng J., Everts J., Qian F., Gratton DG. Influence of Connection Geometry on the Dynamic Micromotion at the Dental Implant-Abutment Interface. *Int J Prosthodont* 2007;20:623-625.](#)

[Meng J., Nagy WW., Wirth CG., Buschang, PH. The effect of equilibrating mounted dental stone casts on the occlusal harmony of cast metal complete crowns. *J Prosthet Dent*. 2010;104\(2\):122-32.](#)

Official Presentations:

[**Table Clinic** - *Dynamic Fatigue Stress Analysis Utilizing a Custom Universal Force Application Machine.* Presented: Iowa Section of the AADR Pre-Doctoral Table Clinic Competition, University of Iowa College of Dentistry, Iowa City, IA; February 17, 2004 and ADA/Dentsply Student Clinician Program Table Clinic Competition, Orlando, FL; October 2, 2004.](#)

Table Clinic - *Implant-abutment Interface Micromotion of Three Different Implant Neck Designs.* Presented: Iowa Section of the AADR Pre-Doctoral Table Clinic Competition; February 15, 2005

Scientific Poster- *Implant-abutment interface micromotion of three different implant neck designs.* Presented: International Association for Dental Research (IADR), 83rd Annual Session, Baltimore, MD. March 9, 2006.

[**Table Clinic**- *An Alternative Method of Shade Selection for Indirect Dental Restorations.* Presented: American Academy of Fixed Prosthodontics-56th Annual Session, Chicago, IL. February 23-24, 2007 and 2007 Baylor College of Dentistry Student Research Day, Dallas, TX April 11, 2007.](#)

[**Table Clinic**- *An Alternative Method of Shade Selection for Indirect Dental Restorations-A Case Report.* Presented: American Academy of Fixed Prosthodontics-57th Annual Session, Chicago, IL. February 22-23, 2008 and 2008 Baylor College of Dentistry Student Research Day, Dallas, TX. March 12, 2008.](#)

[**Table Clinic** – *The Effect of Equilibrating Master Casts on the Occlusal Harmony of Cast Restorations.* Presented: American Academy of Fixed Prosthodontics-58th Annual Session, Chicago, IL. February 27-28, 2009 and 2009 Baylor College of Dentistry Student Research Day, Dallas, TX. April 15, 2009.](#)

Scientific Oral Presentation - The Effect of Equilibrating Master Casts on the Occlusal Harmony of Cast Restorations. Presented: International Association for Dental Research (IADR), 87th Annual Session, Miami, FL. April 3, 2009

[Poster Presentation - Treatment of a Severely Worn Dentition utilizing a unique Prosthodontic Modality: A Case Report . Presented: International Team for Implantology \(ITI\), 2011 Congress USA meeting, Boca Raton, FL. April 8-9, 2011.](#)

CURRENT PROFESSIONAL AFFILIATIONS

- **ADA** – American Dental Association – The national organization representing dentists and advocating for the improvement of oral health for all persons., 2002-Present
- **MDA** – Montana Dental Association – Montana’s local chapter of the American Dental Association, 2009 - Present
- **ACP** – American College of Prosthodontics- The professional organization representing the dental specialty of prosthodontics, 2006- Present
- **Montana Study Club** – An organization currently comprised of 20 general dentists from across the state of Montana, as well as several specialists and dental lab technicians. The group has been in place since the early 1990’s with a focus towards staying abreast of the latest advances and techniques in restorative and interdisciplinary dental treatment. The group meets 4 times per year, and long mentored by internationally known dual trained periodontist-prosthodontist, Dr. Frank Spear. Currently, Dr. Edward McLarren from UCLA is mentoring the group.
- **ITI – International Team for Implantology-** A unique network of professionals in implant dentistry and related tissue regeneration. The ITI is a non-profit academic organization of clinicians and researchers active in research, development and education.

POST GRADUATE CONTINUING EDUCATION MEETINGS/LECTURES ATTENDED

- 1.) 35th Arthur H. Merritt Memorial Lecture, Baylor College of Dentistry- “How to Optimize Esthetics in Implant Dentistry, Current Potential and Limitations.” Speaker: Dr. Daniel Buser. July 29, 2006. – 6 CE Hrs.
- 2.) “Control of Implant to Tissue Relationships: Planning, Procedures and Measured Outcomes.” Speaker: Dr. Lyndon Cooper. October 19, 2006. – 6 CE Hrs.
- 3.) The 2006 Brauman-Bell Alpha Omega Lectureship, Baylor College of Dentistry – “Projecting the Future of Dentistry: Dentistry Practice in the 21st Century. Speaker: Dr. Eric Solomon. October 24, 2006.
- 4.) American College of Prosthodontists 54th annual session. Miami, FL. November 1-4, 2006. 13 CE hrs
- 5.) Southwest Academy of Restorative Dentistry - 52nd Annual Scientific Meeting. Speaker: Dr. Terry Tanaka. Dallas, TX. January 18, 2007. 6 CE hrs
- 6.) Southwest Dental Conference. Dallas, TX. January 19-20, 2007.
- 7.) “Predictable Implants in a Complex World.” Speaker: Dr. David Hildebrand. Dallas, TX. February, 27 2007. - 3 CE hrs

- 8.) American Academy of Fixed Prosthodontics-56th Annual Session – Visionary Therapy. Chicago, IL. February 23-24, 2007. – 14 CE hrs.
- 9.) American Prosthodontic Society - 79th Annual Scientific Meeting, Chicago, IL. February 22-23, 2007.
- 10.) Academy of Osseointegration 22nd Annual Meeting. San Antonio, TX. March 8-10. - 21.5 CE hrs.
- 11.) Baylor College of Dentistry Annual Calibration Workshop – “Bisphosphonate-Induced Osteonecrosis of the Jaws.” Speaker: Dr. Robert Marx. April 2, 2007.
- 12.) International Team for Implantology (ITI) 2007 World Symposium, New York, NY. April 26-28, 2007. - 23.75 CE hrs.
- 13.) Jesse T. Bullard Lectureship in Prosthodontics and Implant Dentistry – 3rd Annual. Speaker: Dr. Nigel Sanger. Baylor College of Dentistry, Dallas, TX. May 5, 2009 – 6 CE. hrs
- 14.) “Current Concepts in Geriatric Dentistry Workshop” Speaker: Dr. Pamela Stein. Baylor College of Dentistry. October 12, 2007. 2 CE hrs.
- 15.) ADA 2007 Annual Session, San Francisco, CA . September 27-30, 2007.
- 16.) American College of Prosthodontists 55th annual session. Scottsdale, AZ. October 31 –November 3, 2007. 14 CE hrs.
- 17.) Southwest Academy of Restorative Dentistry – 53rd Annual Scientific Meeting. Speaker: Dr. Robert Cronin and Dr. Ronald Presswood. Dallas, TX. January 17, 2008.
- 18.) Southwest Dental Conference. Dallas, TX. January 18-19, 2008. 9 CE hrs
- 19.) “Anterior Esthetic Options Using CAD-CAM Technology. Speaker: Dr. Brody Hildebrand. Dallas, TX. March 31, 2008. 3 CE hrs
- 20.) American Academy of Fixed Prosthodontics-57th Annual Session – Yesterday, Today, Tomorrow and Beyond. Chicago, IL. February 22-23, 2008. CE hrs 6
- 21.) Comprehensive Aesthetics: Direct and Indirect Restorations in the Esthetic Zone. Speaker: Dr. Charles Wakefield. Baylor College of Dentistry, Dallas, TX. April 21, 2008. - 7 CE hrs.
- 22.) Jesse T. Bullard Lectureship in Prosthodontics and Implant Dentistry – 4th Annual. Speaker: Dr. Lyndon Cooper. Baylor College of Dentistry, Dallas, TX. May 3, 2009 – 6 CE hrs
- 23.) 37th Arthur H. Merritt Memorial Lecture, Baylor College of Dentistry- “The Connections Between Periodontal Health and Systemic Well Being: What Do They Mean to My Practice?.” Speaker: Dr. Brian Mealey. August 2, 2008. Baylor College of Dentistry, Dallas, TX. – 6 CE Hrs.
- 24.) American Academy of Maxillofacial Prosthetics- 56th annual session. Nashville, TN. October 25-28, 2008. 18 CE hrs
- 25.) American College of Prosthodontists 56th annual session. Nashville, TN. October 29 –November 1, 2008. 17.5 CE hrs
- 26.) American Academy of Fixed Prosthodontics-58th Annual Session- Failures: The Road Less Traveled. Chicago, IL. February 27-28, 2009. 13.5 CE hrs.
- 27.) Straumann Resident Symposium- Educational Forum. Ritz Carlton Lodge, Reynold’s Plantation, Greensboro, GA. March 12-15, 2009.
- 28.) “CAD/CAM Technology” Speaker: Adam Roberts, CDT. Functional Esthetics Inc. Dental Laboratory, Lewisville, TX. March 19, 2009. 2 CE hrs
- 29.) International Team for Implantology (ITI) 2009 U.S. Congress, Scottsdale, AZ. April 23-25, 2009. – 15 CE hrs

- 30.) Jesse T. Bullard Lectureship in Prosthodontics and Implant Dentistry – 5th Annual. Speakers: Drs. Brahm Miller and Sonia Lezy. Baylor College of Dentistry, Dallas, TX. May 2, 2009 – 6 CE hrs
 - 31.) Montana Dental Association 2010 Annual Meeting. Speaker: Michael C. Fling. “Providing Dental Care with Aesthetic Priority. Architectural and Biologic Integrity.” Missoula, MT. April 29, 2010 – 6 CE hrs
 - 32.) Montana Dental Association 2010 Annual Meeting. Speaker: Craig Eddy and Larry Riley. “Medical Legal Issues.” Missoula, MT. April 30, 2010 – 2 CE hrs
 - 33.) “What's new in Dental Pharmacotherapy” Speaker: Karen A. Baker. Butte, MT. September 17, 2010 – 7 CE hrs
-