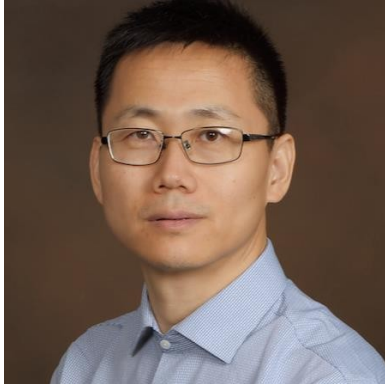


CURRICULUM VITAE

JUN WU

PERSONAL



- American Board Certified Pediatric Dentist.
 - Business Address: Bellaire Kids Dental, 9750 Bellaire Blvd, #250, Houston, TX 77036
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ACADEMIC HISTORY

- **Pediatric Dental Resident** July 2011 – June 2013 University of Texas School of Dentistry at Houston, Houston, TX
- **Doctor of Dental Surgery** August 2007 – May 2011 University of Texas School of Dentistry at Houston, Houston, TX
- **Post-Doctoral Fellow** March 2003 – July 2007 University of Texas Health Science Center, San Antonio, TX
- **Doctor of Philosophy** Fall 1997 – December 2002 Department of Biological Sciences, Purdue University, West Lafayette, IN
- **Master of Science in Electrical and Computer Engineering** Purdue University, West Lafayette, IN Fall 2001 – May 2002
- **Bachelor of Science** Fall 1991 – July 1996 University of Science and Technology of China, Hefei, Anhui, P. R. China

MEMBERSHIPS

November, 2017

- American Board of Pediatric Dentistry (ABPD.org)
- American Association of Pediatric Dentistry (AAPD.org)
- American Dental Association (ADA.org)
- Texas Dental Association (TDA.org)

AWARDS AND HONORS

- Dr. Donald Charles Kroeger Student Research Scholarship 2009
- First Place Honor in Clinical Research, UT Health Science Center at Houston Campus-wide Research Conference 2008
- Chinese American Doctors Association of Houston (CADAH) Scholarship 2008
- Mu Mu Chapter Honor Student 2008
- Dean's Student Excellence List 2008
- Fredrick C. Elliott Scholarship 2007

CLINICAL TRAINING

- Oral and IM Sedation
- Hospital based oral rehabilitation under General Anesthesia.
- Anesthesiology Training in Memorial Hermann Children Hospital at Houston.
- Pediatric Medicine Training (ER, Pedi Cardio, Hemophilia clinic, Special needs child clinic, etc) in UT Pediatric Clinic, LBJ and Memorial Hermann Children Hospitals at Houston.
- Pediatric restorative and surgical technique training
- Orthodontic training including appliances fabrication (space maintainer, space regainer, oral habit appliances, etc), Phase I and comprehensive orthodontics
- Invisalign certified orthodontics

PUBLICATIONS

- Hicks J., **Wu J.**, Flaitz CM. (2016) Effect of xylitol and fluoride dentifrices on human enamel surfaces following acid-etching: scanning electron microscopic study. *Pediatric Dental Care* 2016 1:127
- **Wu J**, Donly K.J, Donly Z, Segura A, Hackmyer S. (2010) Measuring demineralization depth by quantitative light-induced fluorescence and novel image processing software. *Int J Dent.* 2010;2010:958264

- Park JS, Sharma LK, Li H, Xiang R, Holstein D, **Wu J**, Lechleiter J, Naylor SL, Deng JJ, Lu J, Bai Y. A heteroplasmic, not homoplasmic, mitochondrial DNA mutation promotes tumorigenesis via alteration in reactive oxygen species generation and apoptosis. *Hum Mol Genet.* 2009 May 1;18(9):1578-89. doi: 10.1093/hmg/ddp069. Epub 2009 Feb 10.
- **Wu J**, Holstein JD, Upadhyay G, Lin DT, Conway S, Muller E, Lechleiter JD. Purinergic receptor-stimulated IP3-mediated Ca²⁺ release enhances neuroprotection by increasing astrocyte mitochondrial metabolism during aging. *J Neurosci.* 2007 Jun 13;27(24):6510-20.
- Prouty AM, **Wu J**, Lin DT, Camacho P, Lechleiter JD. Multiphoton laser scanning microscopy as a tool for *Xenopus* oocyte research. *J Methods Mol Biol.* 2006;322:87-101. Review
- Deng JH, Li Y, Park JS, **Wu J**, Hu P, Lechleiter J, Bai Y. Nuclear suppression of mitochondrial defects in cells without the ND6 subunit. *Mol Cell Biol.* 2006 Feb;26(3):1077-86.
- Lin DT, **Wu J**, Holstein D, Upadhyay G, Rourke W, Muller E, Lechleiter JD. Ca²⁺ signaling, mitochondria and sensitivity to oxidative stress in aging astrocytes. *Neurobiol Aging.* 2007 Jan;28(1):99-111. Epub 2005 Dec 15.
- Saelim N, John LM, **Wu J**, Park JS, Bai Y, Camacho P, Lechleiter JD. Nontranscriptional modulation of intracellular Ca²⁺ signaling by ligand-stimulated thyroid hormone receptor. *J Cell Biol.* 2004 Dec 6;167(5):915-24. Epub 2004 Nov 29.
- **Wu J**, Rajwa B, Filmer DL, Hoffmann CM, Yuan B, Chiang CS, Sturgis J, Robinson JP. Analysis of orientations of collagen fibers by novel fiber-tracking software. *Microsc Microanal.* 2003 Dec;9(6):574-80.
- **Wu J**, Rajwa B, Filmer DL, Hoffmann CM, Yuan B, Chiang C, Sturgis J, Robinson JP. Automated quantification and reconstruction of collagen matrix from 3D confocal datasets. *J Microsc.* 2003 May;210(Pt 2):158-65.

RESEARCH PRESENTATIONS

- Effect of xylitol and fluoride dentifrices on human enamel surfaces following acid-etching: scanning electron microscopic study. **Wu J**, Hicks J, Flaitz C. Poster presentation in AAPD 2013 annual meeting in Orlando.
- Xylitol and fluoride treatment and remineralization: controversy regarding synergistic effects. **Wu J**, Hicks J, Flaitz C. Poster presentation. American Association of Pediatric Dentistry (AAPD) Annual Session, San Diego, CA, 2011.
- Role of fluoridated dentifrices in in vitro root caries formation. **Wu J**, Hicks J, Flaitz C, Garcia-Godoy F. Poster presentation. American Association for Dental Research (AADR), Temple, FL, 2011.
- Measuring demineralization depth by quantitative light-induced fluorescence and novel image processing software. **Wu J**, Donly K.J, Donly Z, Segura A, Hackmyer S. Poster presentation. International Association for Dental Research (IADR) Annual Session, Miami, FL, 2009
- Identification and computation of Cephalometric landmarks in 3D space by a novel software and Cone Beam CT technology. (Great Houston Dental Society Conference, 2008)
- A novel automatic approach for creating dental arch forms in 3D for orthodontics (UT Health Science Center at Houston Annual Research Conference, 2008)