

## ***CURRICULUM VITAE***

Hua-Hong (Ben) Chien

**Business Address:** Division of Periodontology,  
College of Dentistry, The Ohio State University  
4105 Postle Hall Tel (direct line): 614-247-8450  
305 West 12th Avenue Tel (division office): 614-292-0371  
Columbus, OH Fax (division office): 614-292-4612  
43218-2357 E-mail Address: chien.60@osu.edu

### **Education History:**

November 1997: Ph.D. – State University of New York at Buffalo, NY, USA.  
October 1997: Certificate in Periodontics - State University of New York at Buffalo, NY, USA.  
June 1986: D.D.S. - School of Dentistry, China Medical University, Taichung, Taiwan.

### **Employment History:**

6/2016-present Clinical Professor and Predoctoral Program Director, Division of Periodontology,  
College of Dentistry, The Ohio State University, USA.  
8/2009-6/2016: Clinical Associate Professor and Predoctoral Program Director, Division of  
Periodontology, College of Dentistry, The Ohio State University, USA.  
7/2007-7/2009: Clinical Associate Professor and Predoctoral Program Co-director, Division of  
Periodontology, College of Dentistry, The Ohio State University, USA.  
2/1998-6/2007: Associate Professor, School of Dentistry, China Medical University, Taichung,  
Taiwan.  
8/2000-7/2003: Dean, School of Dentistry, China Medical University, Taichung, Taiwan.  
8/1999-7/2004: Head, Section of Periodontics, Department of Dentistry, China Medical  
University Hospital, Taichung, Taiwan.  
8/1996-7/1997: Instructor, Department of Dentistry, Erie County Medical Center, Buffalo, NY, USA.  
8/1993-7/1994: Instructor, State University of New York at Buffalo, Buffalo, NY, USA.

### **Honors and Awards:**

2014: Outstanding Community Service Award, Physician CareConnection, Columbus, USA.  
2013: Periodontal Educator Award, American Academy of Periodontology, USA.  
2001: Best Dentist Award, Taichung City, Taiwan.  
2000: Production of Multimedia Teaching Materials, Best Award from Ministry of Education,  
Taiwan.  
1996: First prize, Post-graduate Student Research Competition. The 2<sup>nd</sup> Annual Research Day,  
School of Dental Medicine, State University of New York at Buffalo, USA.

### **Hospital Affiliations:**

8/2004-7/2007: Attending, Section of Periodontics, Department of Dentistry, China Medical  
University Hospital, Taichung, Taiwan.  
8/1999-7/2004: Head, Section of Periodontics, Department of Dentistry, China Medical University  
Hospital, Taichung, Taiwan.  
8/1996-7/1997: Clinical Instructor, Department of Dentistry, Erie County Medical Center, Buffalo,  
NY, USA.

### **Licensing /Certification/Diplomate:**

2009-present: American Board of Periodontology: Diplomate (#2724)  
2007-present: Ohio Teaching License OH-71-000204  
2002-2007: Academy of Oral Implantology, Taiwan: Diplomate (#212 issued on 5/25/2002)  
2002-2007: Academy of Periodontology, Taiwan: Diplomate (# 145, issued on 4/14/2002)  
1997-present: Taiwan Teaching License (Associate professor) # 25578

1988-1997: Taiwan Teaching License (Instructor) # 29000

1986-present: Taiwan Dental License # 5732

**Research Training:**

8/1993-11/1997: Ph.D thesis: Regulation of periodontal tissue cell differentiation: role of epidermal growth factor, interleukin-1 and their receptors. Advisors: Drs. Moon I. Cho and Robert J. Genco, Department of Oral Biology, School of Dental Medicine, State University of New York at Buffalo.

8/1990-7/1993: Ph.D preliminary project: Induction of cystatin by methotrexate in rat sebaceous glands. Advisors: Drs. Robert E. Cohen and Mirdza E. Neiders, Department of Oral Biology, School of Dental Medicine, State University of New York at Buffalo.

**Professional Organizations (within 5 years):**

2015-present: Active member, International Congress of Oral Implantologists USA (ICOI, USA)

2009-present: Active member, American Academy of Periodontology, USA.

2008-present: Active member; American Dental Education Association, USA.

2005-present: Life member; Taiwan Academy of Maxillofacial Radiology, Taiwan.

1988-present: Life member, Association for Dental Sciences, Taiwan.

1988-present: Active member; Taichung City Dental Association, Taichung, Taiwan.

**Research Funding (within 5 years):**

Investigator:

“The effects of platform switching on biochemical markers of bone metabolism in peri-implant crevicular fluid”, Biomet 3i, LLC (B3i.CR.023.14); 6/1/2014-12/31/2017.

**Service (within 5 years):**

***A. Administrative Service:***

Director, Predoctoral Program, Division of Periodontology, College of Dentistry, The Ohio State University, USA (2009-present)

***B. Departmental Committees:***

Member, Governance Meeting, Division of Periodontology, College of Dentistry, The Ohio State University, USA (2009-present)

***C. College Committees (The Ohio State University, College of Dentistry):***

Member, Division of Restorative and Prosthetic Dentistry Faculty Search Committee, 2018-current.

Member, Division of Restorative and Prosthetic Dentistry, Group leader, Faculty Search Committee, 2018-2019.

Member, Appointments, Promotion and Tenure Committee, 2017-current.

Member, Faculty Council Committee, 2017-2019.

Member, Dental Hygiene Chair Search Committee, 2016-2017.

Member, Continuing Dental Education Committee, 2015-2019.

Member, Dental Admission Committee, 2013-2016 and 2021-current.

Faculty Advisor, Asia Pacific Student Dental Association (APSDA), 2012-current.

***D. Professional Organization Service:***

**American Dental Education Association**

Member, Nomination Committee, Section on Physiology, Pharmacology, and Therapeutics

**American Board of Periodontology**

*Ad hoc* examiner, Raleigh, NC, USA, August 7- 14, 2021.

**Session chair/co-chair:**

31<sup>st</sup> IADR-SEA Division, Taipei, Taiwan, August 2017.

***E. Government Service:***

## Ohio State, USA

Member of Advisory Board and OSUCoD liaison, Free Dental Clinic at Columbus Public Health, Physicians Care Connection, Columbus, OH, 2012-current.

### **F. Journal Service:**

#### **Editorial Board Service:**

Oral Health and Dental Management, Editorial Board member: 2013-current

International Journal of Dentistry and Oral Science, Editorial Board member: 2014-current

Journal of Dentistry: Oral Health & Cosmesis, Editorial Board member: 2015-current

Periodontics and Prosthodontics, Editorial Board member: 2015-current

Biomarker Research: Editorial Board member: 2016-current

#### **Journal Reviewer (within 5 years):**

Journal of Periodontology, PLOS ONE, Arch Oral Biology, BMC Oral Health, Cell

Proliferation, Clinical Oral Investigation, Inflammation, International Journal of Dentistry,

International Journal of Medical Sciences, Journal of Biomedical Materials Research, Clinical

and Experimental Dental Research, Journal of Dental Sciences, Oncotarget, The International

Journal of Oral & Maxillofacial Implants, Cell Biology International.

#### **Publications (since 2017):**

1. Meng, H.W., Chien, E.Y., **Chien, H.H.** Immediate implant placement and provisionalization in the esthetic zone – A 6.5-year follow-up and literature review. **Case Reports in Dentistry**, 2021:4290193. doi: 10.1155/2021/4290193.
2. Meng HW, Chien EY, Chien HH. Immediate Implant Placement and Provisionalization in the Esthetic Zone: A 6.5-Year Follow-Up and Literature Review. *Case Rep Dent*. 2021;
3. Chang, M.C., Wang, T.M., **Chien, H.H.**, Pan, Y.H., Tsai, Y.L., Jeng, P.Y., Lin, L.D., Jeng, J.H. Effect of butyrate, a bacterial by-product, on the viability and ICAM-1 expression/production of human vascular endothelial cells: Role in infectious pulpal/periapical diseases. **International Endodontic Journal**, 2021 Aug 22. doi: 10.1111/iej.13614. Epub ahead of print. PMID: 34420220.
4. Chen, Y.W., Hsieh, D.J., Periasamy, S., Yen, K.C., Wang, H.C., **Chien, H.H.** Development of a decellularized porcine bone graft by supercritical carbon dioxide extraction technology for bone regeneration. **Journal of Tissue Engineering and Regenerative Medicine**, 2021; 15:401-414.
5. Chen, Y.W., Chen, M.Y., Hsieh, D.J., Periasamy, S., Yen, K.C., Chuang, C.T., Wang, H.C., Tseng, F.W., Kuo, J.C., **Chien, H.H.** Evaluating the bone-regenerative role of the decellularized porcine bone xenograft in a canine extraction socket model. **Clinical and Experimental Dental Research**, 2020 Dec 1. doi: 10.1002/cre2.361. Online ahead of print. PMID: 33289339.
6. Cheng, G.L., Li, J.R., Leblebicioglu, B., **Chien, H.H.** Soft tissue healing around platform-switching and platform-matching single implants: A randomized clinical trial. **Journal of Periodontology**, 2020; 91:1609-1620.
7. Tatakis, D.N., **Chien, H.H.**, Parashis, A.O. Guided implant surgery risks and their prevention. **Periodontology 2000**, 2019; 81:194-208.
8. Kim, D.G., Jeong, Y.H., **Chien, H.H.**, Agnew, A.M., Lee, J.W., Wen, H.B. Immediate mechanical stability of threaded and porous implant systems. **Clinical Biomechanics**, 2017; 48:110-117.
9. Salaita, L.G., Yilmaz, B., Seidt, J.D., Clelland, N.L., **Chien, H.H.**, McGlumphy, E.A. Strain analysis of 9 different abutments for cement-retained crowns on an internal hexagonal implant. **Journal of Prosthetic Dentistry**, 2017;118(2):166-171.