

CURRICULUM VITAE

Hom-Lay Wang, D.D.S., M.S.D., Ph D
Endowed Collegiate Professor of Periodontics
Diplomate, American Board of Periodontology

I. EDUCATION

- | | |
|------|---|
| 1983 | Bachelor of Medicine in Dentistry
Taipei Medical College, Taiwan R.O.C. |
| 1987 | Master of Science in Dentistry
Case Western Reserve University, Cleveland, Ohio. |
| 1987 | Certificate of Postdoctoral Study in the specialty of Periodontics
Case Western Reserve University, Cleveland, Ohio. |
| 1989 | Doctor of Dental Surgery
Case Western Reserve University, Cleveland, Ohio. |
| 1995 | Summer Institute on Clinical Dental Research Methods
University of Washington, Seattle, Washington. |
| 2008 | Doctor of Philosophy
Hiroshima University, Hiroshima, Japan. |

II. **APPOINTMENTS** **ACADEMIC APPOINTMENTS**

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|--------------|--|
| 1986-1987 | Graduate Teaching Assistant, Department of Periodontology,
Case Western Reserve University |
| 1987-1988 | Clinical Instructor, Department of Periodontology,
Case Western Reserve University |
| 1989-1997 | Assistant Professor,
Department of Periodontics/Prevention/Geriatrics.
School of Dentistry, University of Michigan |
| 1997-2002 | Associate Professor with Tenure
Department of Periodontics/Prevention/Geriatrics.
School of Dentistry, University of Michigan |
| 2000 | Visiting Scholar (Sabbatical leave)
Department of Periodontology and Fixed Prosthodontics
School of Dental Medicine, University of Bern, Switzerland |
| 1995-present | Director of Graduate Periodontics
Department of Periodontics/Prevention/Geriatrics.
School of Dentistry, University of Michigan |
| 2002-present | Professor with Tenure |

Department of Periodontics and Oral Medicine.
School of Dentistry, University of Michigan

- 2000-present Visiting Professor
 Taipei Medical University, Taipei, Taiwan
- 2007 Endowed Collegiate Professor of Periodontics,
 School of Dentistry, University of Michigan
- 2007 Visiting Professor
 Hiroshima University, School of Dentistry, Hiroshima,
 Japan.
- 2010-present Advisor
 Chair for Growth Factors and Bone Regeneration, King
 Saud University, Riyadh, Saudi Arabia.
- 2012-present Guest Professor
 Peking University, School of Stomatology, Peking, China.
- 2014 (May & June) Visiting Professor
 National University of Singapore, Singapore
- 2015-present Visiting Professor
 Nanjing Medical University, School of Stomatology,
 Nanjing, China.
- 2017-present Expert Consultant
 Xiamen Province Hospital, Department of Stomatology,
 Xiamen, China.
- 2017-present Visiting Professor
 West China University, School of Stomatology, ChengDu,
 China.
- 2017-present Consultant for the Executive Board
 Taiwan Academy of Periodontology

NON-ACADEMIC APPOINTMENTS

- 1983-1985 Private practice (General Dentist)
 Taipei, Taiwan, R.O.C.
- 1989-present Private practice limited to Periodontics
 Dental Faculty Associates, University of Michigan

CONSULTING POSITIONS

- 1997-1999 Advisory Board for KaVo America Corp., Lake Zurich, IL.
 (Periodontal and Surgical Products)

1997-2002	Advisory Board for Stryker Biotech, Boston, MA. (Periodontal Products)
1994-2003	Advisory Board for Centerpulse Inc., Carlsbad, CA. (Periodontal and Dental Implantology Products)
2004, 2007	Consultant, Army Periodontal Resident Program Augusta, GA
2004	External Board Examiner National University of Singapore, Singapore
2007	Consultant, Zimmer Dental Inc., Carlsbad, CA.
2010	Consultant, National Dental Center fo Singapore Singapore
2014	External Board Examiner National University of Singapore, Singapore
1994-present	Consultant, Veterans Administration Medical Center, Ann Arbor, Michigan
2017-2021	Dental Products Panel of Medical Devices Advisory Committee US Food & Drug Administration, Silver Spring, MD

III. CERTIFICATION AND LICENSES

1983	Taiwan, R.O.C. License to practice Dentistry
1988	State of Florida License to practice Dentistry
1989	State of Ohio License to practice Dentistry
1989	State of Michigan License to practice Dentistry
1990	American Board of Periodontology Diplomate Board Certification
1990	State of Michigan Specialty Certification - Periodontist
1994	The International Congress of Oral Implantologists Fellow Certification
1994	American Academy of Periodontology Conscious Sedation Didactic course Certification

1996 American Heart Association
Advanced Cardiac Life Support Certification

IV. HONORS AND AWARDS

1986 IADR student travel grant for presenting abstract in the IADR meeting

1990 Diplomate, American Board of Periodontology

1992 Clinical Research Fellowship Award
American Association for Dental School /Warner-Lambert

1993 Omicron Kappa Upsilon (Dentistry honorary - Faculty)
The University of Michigan

1994 Fellow, The International Congress of Oral Implantologists

1999 3rd Place Table Clinic Winner
American Academy of Implant Dentistry 48th annual meeting

2001 Finalist, Director of American Board of Periodontology
American Academy of Periodontology, Chicago, IL.

2001 Outstanding Service Award
University of Michigan, Ann Arbor, MI.

2001-2007 Consultant, ADA Commission on Dental Accreditation
American Dental Association

2003 Fellow, American College of Dentists

2003 Finalist, Director of American Board of Periodontology
American Academy of Periodontology, Chicago, IL.

2003 Best Faculty Award (Graduate Students)
The University of Michigan

2003 Participants, AAP Workshop on Contemporary Science in Clinical Periodontics
American Academy of Periodontology, Chicago, IL.

2004 Diplomate, The International Congress of Oral Implantologists

2004 Award of Appreciation (Graduate Students)
The University of Michigan

2004 Director Elect, American Board of Periodontology
American Academy of Periodontology, Chicago, IL.

- 2004 Director, American Board of Periodontology
American Academy of Periodontology, Chicago, IL.
- 2005 The Charles E. English Annual Award for the year 2004
Implant Dentistry (International Congress of Oral
Implantologists)
- 2005 Author, "Periodontal Regeneration" Informational/Position Paper
American Academy of Periodontology, Chicago, IL.
- 2004 Best article of the year award –2004 Journal of Oral Implantology
Kazor CE, Al-Shammari K, Sarment DP, Misch CE, **Wang
H-L**. Implant Plastic Surgery. A review and rationale. *J
Oral Implantology* 2004; 15(4):240-254.
- 2005 Article cited in 'what's new' and used for press release on the AAP
web site:
Al-Shammari KF, Al-Khabbaz AK, Al-Ansari JM, Neiva R,
Wang H-L. Risk Indicators for Tooth Loss Due to
Periodontal Disease. *Journal of Periodontology* 76:1910-
1918, 2005.
- 2006 Associate Editor
International Journal of Oral Maxillofacial Implants
- 2006 Honorary member
SENAME (Southern Europe North Africa Mideast)
Implantology Association
- 2006 Honorary Ph D
University of Medicine, ViCTOR BABES, Timisoara,
Romania.
- 2006 Editorial Advisory Board
Journal of Periodontology
- 2007 Collegiate Professor of Periodontics,
School of Dentistry, University of Michigan
- 2007 Morton L. Perel Annual Award for Dental Implant Educators
International Congress of Oral Implantologists
- 2010 Outstanding Teaching and Mentoring in Periodontics
University of Michigan, Scholl of Dentistry
(American Academy of Periodontology)
- 2011 Member of Working group to develop the consensus report on
Treatment options for the maintenance of marginal bone around
endosseous oral implants
Karolinska Institute, Stockholm, Sweden

- 2012 Member of Task force to develop the white paper on peri-implantitis
American Academy of Periodontology, Chicago, IL.
- 2013 Honorary member
Society of Esthetic Dentistry in Romania, Bucharest, Romania
- 2013 Special citation for the Academy Report: *Peri-Implant Mucositis and Peri-Implantitis: A Current Understanding of Their Diagnosis and Clinical Application.*
American Academy of Periodontology, Chicago, IL.
- 2013 Nominated for Gies Awards (American Dental Education Association (ADEA)).
American Academy of Periodontology, Chicago, IL.
- 2014 ITI Andre Schroeder Research Prize 2014 for the paper
"Fu J-H, Oh T-J, Benavides E, Rudek I, Wang H-L. A randomized clinical trial evaluating the efficacy of the sandwich bone augmentation technique in increasing buccal bone thickness during implant placement surgery: I. Clinical and radiographic parameters."
- 2014 Member of AAP Summit participants for the "Enhanced Periodontal Health Through Regenerative Approaches"
American Academy of Periodontology, Chicago, IL.
- 2014 Member of AO Summit participants for the "Current Best Evidence for Management of the Edentulous Maxilla"
Academy of Osseointegration, Chicago, IL.
- 2015 Fellow, Academy of Osseointegration, Chicago, IL.
- 2016 Member of Rome Consensus conference participants for the "Peri-implantitis marginal bone loss"
Istituto Stomatologico Toscano, Rome, Italy.
- 2016 Director, Academy of Osseointegration, Chicago, IL.
- 2016 Osseointegration Foundation clinical research award recipient
Academy of Osseointegration Foundation, Chicago, IL.
- 2017 Member of AAP Round Table participants for the "Dental Lasers"
American Academy of Periodontology, Chicago, IL.
- 2017 Member of AAP World Workshop on Disease Classification in Periodontal and Peri-implant Diseases participants. Co-author for the "Peri-implantitis"
American Academy of Periodontology, Chicago, IL.
- 2017 [Distinguished Scientist Award](#)
[American Academy of Periodontology, Chicago, IL.](#)

- 2017 Outstanding Periodontal Educator Award
American Academy of Periodontology, Chicago, IL.
- 2017 Charles W. Finley Visiting Scholar Education Grant for Case
Western Reserve University
Cleveland, OH.
- 2018 Charles W. Finley Visiting Scholar Education Grant for University
of California at San Francisco
San Francisco, CA.
- 2018 Invited participant of FDI World Dental Federation Peri-Implant
Disease Project (PIDP), Zurich, Switzerland
- 2018 Member of AO Summit participants for the “Optimized
Patient Care, Converting Osseointegration to
Patientintegration”
Academy of Osseointegration, Chicago, IL.
- 2018 Co-Chair of AAP Best Evidence Consensus on “Changing
Gingival Phenotype in Preparation for Orthodontic and
Restorative Treatment”
American Academy of Periodontology, Chicago, IL.
- 2018 William J. Gies Annual Periodontology Award
William J. Gies Foundation for the Advancement of
Dentistry of the American Dental Education
Association, Inc. (The ADEAGies Foundation)
- 2019 Distinguished Faculty Research Mentoring Award
University of Michigan, Scholl of Dentistry
- 2019 William R. Laney Award
Canullo L, Penarrocha-Oltra M, Monje A, Catena A, **Wang
H-L**, Penarrocha-Oltra D. Association between clinical and
microbiological cluster profiles and peri-implantitis *Int J
Oral Maxillofac Implants*, 2017;32(5):1054-1064. doi:
10.11607/jomi.6043.
Academy of Osseointegration, Chicago, IL.
- 2019 Best Teacher Award 2019
NYU College of Dentistry, CDE Italian Graduates
Association
- 2019 Master Clinician Award
American Academy of Periodontology, Chicago, IL.
- 2020 Fellow, International Team of Implantology, Basel, Switzerland
- 2021 Distinguished Service Award

American Academy of Periodontology, Chicago, IL.

- 2021 [AAP Clinical Research Award for the below paper](#)
Kao RT, Curtis RA, Kim DM, Lin G-H, Wang C-W, Cobb CM, Hsu Y-T, Kan J, Velasquez D, Avila-Ortiz G, Yu S-H, Mandelaris G, Rosen PS, Evans M, Gunsolley J, Goss K, Ambruster J, **Wang H-L**. American Academy of Periodontology best evidence consensus statement on modifying gingival phenotype in preparation for orthodontic and restorative treatment. *J Periodontol* 2020;91:289–298. DOI: 10.1002/JPER.19-0577
- 2022 Member of Best Evidence Consensus (BEC) project on biologic mediators
American Academy of Periodontology, Chicago, IL.
- 2022 Co-Editor-in-Chief, *Clinical Implant Dentistry and Related Research*
Wiley Publishing, Hoboken, New Jersey, USA
- 2022 Charles E. English Award for the year 2021 for the most significant clinical research published in IJOI (International Journal of Oral Implantology) – see below
Zucchelli G, Tavelli L, Barootchi S, Martina S, **Wang H-L**. Coronally advanced flap revisited: Treatment of peri-implant soft tissue dehiscences. *Int J Oral Implantol (Berl)*. 2021 Nov 2;14(4):351-365.
- 2022 Member of AO Summit participants for the “Controversial Trends or Long-term Results for Individual Patient Outcomes”
Academy of Osseointegration, Chicago, IL.
- 2022 [William J. Gies Annual Periodontology Award](#)
[William J. Gies Foundation for the Advancement of Dentistry of the American Dental Education Association, Inc. \(The ADEAGies Foundation\)](#)

V. MEMBERSHIP IN PROFESSIONAL AND RESEARCH SOCIETIES

- | | |
|--------------|---|
| 1985-Present | American Dental Association |
| 1985-Present | American Academy of Periodontology |
| 1986-Present | American Association for Dental Research |
| 1989-Present | Michigan Dental Association |
| 1989-Present | Michigan Society of Periodontists |
| 1989-Present | Washtenaw District Dental Society |
| 1989-Present | Midwest Society of Periodontology |
| 1989-Present | Russell W. Bunting Periodontal Study Club |

1993-Present	Faculty membership in Omicron Kappa Upsilon
2006-Present	Academy of Osseointegration
1996-1997	Michigan Osseointegration Implant Study Club
1990-2012	The International Congress of Oral Implantologists
1990-2012	The American College of Oral Implantologists
1990-2012	The American Society of Osseointegration

VI. TEACHING ACTIVITIES:

A. DIDACTIC COURSES (30-40%)

a. Graduate Periodontal Courses (Current Active)

1. Graduate student orientation (Director, 1995-present, Faculty, 1990-1994)
2. Summer book review - #781 (Director, 1995-present)
3. Periodontal therapy seminar- #782 (Director, 1995-present, Faculty 1989-1994)
4. Advanced periodontal therapy - #786 (Co-Director, 2000-present, Director, 1989-2000)
5. Periodontal practice management -#788 (Director, 1998-present, Co-Director, 1995-1998)
6. Patient management in periodontics - #789 (Director, 1995-present, Co-Director, 1990-1994)
7. Implants in periodontics - #794 (Director, 1990-present)
8. Current literature review - #793 (Director, 1995-present, Co-Director 1989-1994)
9. Multispecialty approach to implant therapy - #795 (Director, 1995-present, Faculty, 1991-1994)
10. Occlusal therapy for the dentally compromised patient - #796 (Co-Director, 1995-1999; Director, 2002-present)

b. Other Graduate Courses:

1. Scientific reports and theses (Scientific Communications) - #610 (Co-Director, 2002-2014)
2. Treatment of the compromised patient - #764 (Faculty, 1996-2014)
3. Oral surgery seminar - (Faculty, 2001)
4. Scientific communication core course - #610 (Co-Director, 1995-1998)
5. Mineralized tissue core course - #606 (Faculty, 1995-1999)
6. Orthognathic surgery - #754 (Faculty, 1996)
7. Periodontal therapy seminar I and II - #783, #784 (Faculty, 1989-1992)
8. Clinical conference - #780 (Director, 1989-1991)
9. Endodontic surgery - #657 (Faculty, 1997-2000)
10. Seminar in Biomaterials - #575 (Faculty, 1999)

c. Undergraduate courses

1. Periodontal therapy II - #746 (Faculty, 1996-2013, Director, 1992-1996, Co-Director, 1989-1991)
2. Preclinical periodontal surgery course (Faculty, 2001-2013)
3. Periodontal therapy I - #744 (Co-Director, 1989-1991, Director, 1992-1993, now course #636)
4. Periodontal therapy - #844 (Faculty, 2019-present; Faculty, 1990-1991)

5. Comprehensive care seminar - #810 (Faculty, 1992-1995)
6. Periodontal therapy - #636 (Faculty, 1994-1999)
7. Geriatric dentistry - #704 (Faculty, 1996-1999)
8. Dental student research elective - #750/780 (Faculty, 1996)

B. CLINICAL TEACHING

1. Graduate periodontics clinic - #780 (Director, 2021-present, 6 hours/week 1995-2021, 12 hours/week; Faculty, 1989-1995, 8-12 hours/week)
2. Undergraduate periodontics clinic - #720, #820 (Faculty, 1989-1995, 4-8 hours/week)

C. STUDENT RESEARCH ADVISEMENT

Student Degree Pur	Name	Project Responsibilities and Achievement
Dr. Ph	Yaowaluk Bovonsantijid D.D.S.	Thesis committee member, 1995-1997. Full time faculty in Mahidol University, Thailand.
M.S. Degree	Shelia Kennebrew, D.D.S.	Thesis advisor, 1990-1991.
M.S. Degree	Thomas Pappert, D.D.S.	Thesis advisor, 1991-1993. Second place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 1993. Presented at AAP 1993 annual meeting.
M.S. Degree	Chi-Tsai Yeh, D.D.S.	Thesis advisor, 1991-1992. Second place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 1992.
M.S. Degree	Kuo Yuan, D.D.S.	Thesis advisor, 1991-1992. Presented at 1992 AADR annual meeting. Full time faculty in Chang-Kung University, Taiwan.
M.S. Degree	Clifford Thomas, D.D.S.	Thesis advisor, 1991-1993. Presented at 1993 AADR annual meeting.
M.S. Degree	Rebecca Wagner, D.D.S.	Thesis committee member. 1991-1992.
M.S. Degree	Glen Young, D.D.S.	Thesis advisor, 1993-1994.
M.S. Degree	Chuan-Chuan Chen, D.D. S	Thesis advisor, 1993-1994. Presented at 1995 IADR annual meeting.
M.S. Degree	Yen-Ting Chen, D.D.S.	Thesis advisor, 1993-1994. Presented at 1995 IADR annual meeting. Part time faculty at Yang-Ming University, Taiwan.
M.S. Degree	An-Tay Shieh, D.D.S.	Thesis advisor, 1994-1995. Presented at 1996 IADR annual meeting.
M.S. Degree	Carlos Maiz, D.D.S.	Thesis committee member, 1994-1995. Presente

		1997 AADR annual meeting.
M.S. Degree	Marianne Ong, D.D.S.	Thesis advisor, 1994-1997. Presented at 1997 AAP and 1998 AADR annual meeting. Senior Registra at National Dental Center, S'pore
M.S. Degree	Troy Basarab, D.D.S.	Thesis advisor, 1994-1997. Presented at 1998 AAP and 1998 AADR annual meeting.
M.S. Degree	Leslie Lawrence, D.D.S.	Thesis committee member, 1994-1997.
M.S. Degree	Nivedita Kumar, D.D.S.	Thesis committee member, 1994-1997.
M.S. Degree	John Hall, D.D.S.	Thesis advisor, 1995-1998.
M.S. Degree	Kenneth Kimble, D.D.S.	Thesis advisor, 1996-1999. Presented at 2000 AADR annual meeting.
M.S. Degree	Pintippa Bunyaratavej, D.D.S.	Thesis committee member, 1996-1999. Presented at AAP 1999 annual meeting, Second place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 2000. Full time faculty at Mahidong University, Thailand.
M.S. Degree	Eun-Ju Lee, D.D.S.	Thesis advisor, 1998-2001. Presented at AAP 2000 annual meeting,
M.S. Degree	Tae-Ju Oh, D.D.S.	Thesis advisor, 1998-2001. Presented at AAP 2000 annual meeting, Full time faculty at University of Michigan.
M.S. Degree	Khalaf Al-Shammari, D.D.S.	Thesis committee member, 1998-2001. Presented at 2001 AAP Balint Orban Memorial program. First place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 2002. Full time faculty at Kuwait University, Kuwait.
M.S. Degree	Luis Perez, D.D.S.	Thesis committee member, 1998-2001. Presented at 2001 AADR annual meeting.
M.S. Degree	Khalid Al-Hamdan, D.D.S.	Thesis advisor, 1998-2001. Presented at AAP 2000 annual meeting, Full time faculty at King Saudi University, Saudi Arabia.
M.S. Degree	Jeffery Korsnes D.D.S.	Thesis advisor, 1999-2002. Commander at Naval Dental Corp.
M.S. Degree	Paulo Mascarenhas, D.D.S.	Thesis advisor, 1999-2002. Faculty at University of Lisbon, Portugal.
M.S. Degree	Ricardo Gapski D.D.S.	Thesis committee member, 2000-2003. Presented at 2002 AAP Balint Orban Memorial program. First place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 2003. Recipient of 2003 AAP

		Abram and Sylvia Chasens Teaching and Research Fellowship Award. Full time faculty at University of Missouri at Kansas City.
M.S. Degree	Manal Trabulsi, D.D.S.	Thesis advisor, 1999-2002. Presented at AAP 20 annual meeting, Chairwoman at Aramco Health Center, Saudi Arabia.
M.S. Degree	Jennifer Steigenga D.D.S.	Thesis advisor, 2000-2003.
M.S. Degree	Roderigo Neiva D.D.S.	Thesis advisor, 2000-2003. Presented at AAP 20 annual meeting, Full time faculty at University of Michigan.
M.S. Degree	Yi-Ping Tsao D.D.S.	Thesis advisor, 2001-2004. Full time faculty at University of Michigan.
M.S. Degree	Lien-Hui Hwang D.D.S.	Thesis advisor, 2001-2004. Second place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 2000.
M.S. Degree	Junro Yamashita D.D.S., Ph D.	Thesis committee member, 2001-2004. Presented at 2003 AAP Balint Orban Memorial program. Full time faculty at University of Michigan.
M.S. Degree	Sarosh Datoors D.D.S.	Thesis advisor, 2002-2005.
M.S. Degree	Sang-Hoon Park D.D.S.	Thesis advisor, 2002-2005. First place at Midwest Society of Periodontology Graduate Student Research Forum Competition, 2006. Recipient of 2005 <i>Rich Lazzara Fellowship In Advanced Implant Surgery</i> Full time faculty at University of Maryland.
M.S. Degree	Dyeus M. Chung D.D.S.	Thesis advisor, 2002-2005.
M.S. Degree	Simon Bernstein D.D.S.	Thesis advisor, 2003-2006.
M.S. Degree	Paul Fotek D.D.S.	Thesis advisor, 2004-2007.
M.S. Degree	Marmar Modarressi D.D.S.	Thesis advisor, 2004-2007.
M.S. Degree	Amar Katranji D.D.S.	Thesis committee member, 2004-2007.
M.S. Degree	Derek Chow D.D.S.	Thesis advisor, 2004-2007.
M.S. Degree	Ho-Young Byun D.D.S.	Thesis advisor, 2005-2008.
Certificate	Jingjing Li D.D.S.	Thesis advisor, 2005-2008.
M.S. Degree	Gustavo A'vila D.D.S.	Thesis committee member, 2006-2009. Full time faculty at University of Iowa.
M.S. Degree	Richard Koh D.D.S.	Thesis advisor, 2007-2010.
M.S. Degree	Jia-Hui Fu	Thesis advisor, 2008-2011.

	D.D.S.	Full time faculty at National University of S'pore.
M.S. Degree	Daylene Leong D.D.S.	Thesis advisor, 2008-2011.
M.S. Degree	Victor Mueller D.D.S.	Thesis advisor, 2009-2012.
M.S. Degree	Lauren Anderson D.D.S.	Thesis advisor, 2009-2012.
M.S. Degree	Manar Aljateeli D.D.S.	Thesis advisor, 2009-2012.
M.S. Degree	Ahmad Sa'ad Al Hazmi D.D.S., M.S. (King Saudi University, Saudi Arabia)	Thesis committee member, 2010-2012.
M.S. Degree	Munirah Saleh Al-Shabeeb D.D.S., M.S. (King Saudi University, Saudi Arabia)	Thesis committee member, 2010-2012.
M.S. Degree	Yung-Ting Hsu D.D.S., M.S.	Thesis advisor, 2010-2013.
M.S. Degree	Tapan Koticha D.D.S., M.S.	Thesis advisor, 2012-2014.
M.S. Degree	Ebone Jordan D.D.S., M.S.	Thesis committee member, 2012-2014.
M.S. Degree	Juan Rodriguez D.D.S., M.S.	Thesis committee member, 2013-2015.
M.S. Degree	Alberto Monje D.D.S., M.S.	Thesis committee member, 2013-2016.
M.S. Degree	Fernando Suárez López del Amo, D.D.S., M.S.	Thesis advisor, 2013-2016.
M.S. Degree	Guo-Hao Lin, D.D.S., M.S.	Thesis advisor, 2013-2016.
M.S. Degree	James Maiola D.D.S.	Thesis advisor, 2014-2017.
M.S. Degree	Ali Bushahri D.D.S.	Thesis advisor, 2016-2019.
M.S. Degree	Sajjad Ashnagar D.D.S.	Thesis committee member, 2016-2019.
M.S. Degree	Lorenzo Tavelli D.D.S.	Thesis advisor, 2017-2020.
M.S. Degree	I-Ching Wang D.D.S.	Thesis advisor, 2017-2020.
M.S. Degree	Khaled Sinjab D.D.S.	Thesis advisor, 2017-2020.
M.S. Degree	Riccardo Gianfilippo D.D.S.	Thesis committee member, 2018-2021.
M.S. Degree	Rafael Amorim Cavalcanti De Siqueira D.D.S., Ph D	Thesis committee member, 2018-2021.

M.S. Degree	Andrea Ravida D.D.S.	Thesis advisor, 2018-2021.
M.S. Degree	Lahari Vattikunta D.D.S., Ph D	Thesis committee member, 2018-2021.
M.S. Degree	Matthew Galli D.D.S.	Thesis committee member, 2019-2022.
M.S. Degree	Nathalia Paiva de Andrade D.D.S., Ph D	Thesis committee member, 2018-2021.
M.S. Degree	Shayan Barootchi D.D.S., Ph D	Thesis advisor, 2019-2022.
M.S. Degree	Benyapha Sirinirund D.D.S.	Thesis advisor, 2019-2022.
M.S. Degree	Larissa Steigmann, D.D.S.	Thesis committee member, 2019-2022.
M.S. Degree	Zhaozhao Chen D.D.S., Ph D	Thesis advisor, 2019-2023.
M.S. Degree	Liana Webber, D.D.S., Ph D	Thesis committee member, 2020-2023.
M.S. Degree	Jad Mazoub, D.D.S	Thesis committee member, 2020-2023.
M.S. Degree	Jose Maria Ramons Toledo, D.D.S., PgD	Thesis committee member, 2020-2023.
M.S. Degree	Jonathan Misch, D.D.S.	Thesis committee member, 2021-2024.
M.S. Degree	Magdalena Orlowska, D.D.	Thesis advisor, 2021-2024.
M.S. Degree	Teresa Hack, D.D.S.	Thesis advisor, 2021-2024
Dr. Ph	Razina A. Khayat D.D.S.	Thesis committee member, 2005-2010.
Ph D	Paulo Mascarenhas D.D.S., M.S.	Thesis committee member, 2005-2010. University of Lisbon, Portugal.
Research experience	Shyuan-Yow Chen, D.D.S.	Research mentor, 1995-1996. Published 2 articles during his stay.
Research experience	Joongkyo Yuan, DDS., Ph D	Research mentor, 2000-2001. Published 3 articles during his stay.
Research experience	Pornthip Viriyapark D.D.S. M.S.	Research mentor, 2000-2001. Captain at Navy Hospital, Thailand.
D.D.S.	Tammy Sheikhzeineddin	Summer research project - mentor, 1990. Presented at 1991 Student research table clinic.
D.D.S.	George Mandelaris	Summer research project - mentor, 1994. Presented at 1995 Student research table clinic a 1995 AADR annual meeting. AADS fellowship advisor, 1995-1996.
D.D.S.	Buford Shumaker	Summer research project - mentor, 1995.
D.D.S.	Jason Schrottenboer	Summer research project - mentor, 2006, 2007. 1st Prize Winner 2008 Basic Science Research category (U of Michigan)
High School Minority Student	Ingrid G. Williams	Research instructor, 1991.

High School Minority Student	Ana Santiago	Research instructor, 1994.
High School Minority Student	Kiana Whitehead	Research instructor, 1994.

D. GRADUATE STUDENT AWARDS/ACCOMPLISHMENTS

American Academy of Periodontology *Kramer Scholar Award for Excellence*

Winner:

Jill Rogers (2007)
Lauren Anderson (2012)
Larissa Steigmann (2022)

Finalists

Pintippa Bunyaratavej (2000)
Khalaf Al-Shammari (2001)
Jason Cooke (2005)
Kelly Misch (2008)
Julius Bunek (2009)
Angie Lee (2010)
Susan Mason (2013)
Rafael Di Siqueira (2021)

American Academy of Periodontology Foundation *Educator Scholarships*

Winner:

Flavia Pirih (2007)
Hector Rios (2008)
Ann Decker (2016)
Andrea Ravida (2021)

Finalists:

Flavia Pirih (2006): one of 4 of finalists
Gustavo Avila (2009): one of 4 finalists
Jia Chang (2013): one of 4 finalists
Jia Chang (2014): one of 4 finalists
Fernando Suarez (2016): one of 5 finalists
Ning Yu (2019): one of 4 finalists
Andrea Ravida (2020): one of 4 finalists

American Academy of Periodontology Foundation *Dr. James T. Mellonig Regeneration Research Award*

Winner

Alberto Monje (2016)

American Academy of Periodontology Foundation *Dr. Cohen Teaching Award*

Winner

Guo-Hao Lin (2016)

American Academy of Periodontology Foundation *Schoor Award*

Winner

Lorenzo Tavelli (2019)

Andrea Ravida (2020)
Muhammad Saleh (2021)
Shayan Barootchi (2022)

American Academy of Periodontology Foundation Setter Award

Winner

Janet Zalucha (2021)

ITI Andre Schroeder Research Prize

JiaHui-Fu (2014) for the paper entitled "Fu J-H, Oh T-J, Benavides E, Rudek I, Wang H-L. A randomized clinical trial evaluating the efficacy of the sandwich bone augmentation technique in increasing buccal bone thickness during implant placement surgery: I. Clinical and radiographic parameters."

Rackham Master's Award/ Rackham Merit Fellowship, The University of Michigan

De'Avlin Olguin (2002)
Flavia Queiroz Pirih (2006)
Suzette Laing (2018)

NIH Clinical Research Training Grants

Darnell Kaigler (2004)
Hector Rios (2006)
Ann Decker (2014)

NIH Regenerative Medicine Training Grants

Flavia Pirih (2007)

American Academy of Periodontology *Balint Orban Memorial Research Competition*

Winner

Jill Rogers (2006 – Basic research)
Jill Bashutski (2009 - Clinical research)
Thiago Morelli (2010 - Clinical research)
Ebony Jordan (2014- Clinical research)
Juan Rodriguez (2016 - Basic research)
Ning Yu (2018 - Basic research)
Lorenzo Tavelli (2020– Clinical research)
Shayan Barootchi (2021– Clinical research)
Riccardo Di Gianfilippo (2021– Basic research)

Finalists

Khalaf Al-Shammari (2001)
Ricardo Gapski (2002)
Allan Padbury (2003)
Junro Yamashita (2003)
Sang-Hoon Park (2006)
Lakshmi Boyapati (2007)
Flavia Pirih (2009 - Basic research)
Giorgio Pagni (2011- Clinical research)
Susan Mason (2013- Clinical research)
Alberto Monje (2016 - Basic research)
Guo-Hao Lin (2016 - Clinical research)
Rachel Sinacola (2017 - Clinical research)
Erin Shan-Huey Yu (2018 - Basic research)
Anusha Etikala (2019 – Clinical research)

Andrea Ravida (2020– Clinical research)
I-Chin Wang (2021– Clinical research)
Muhammad Saleh (2021– Clinical research)
Andrea Ravida (2022 – Clinical research)
Iya Ghassib (2022 – Clinical research)

American Academy of Periodontology Research Forum Competition

Winner

Ann Decker (2018)

Finalists

Hamoun Sabri (2022 – Clinical research)
Shayan Barootchi (2022 – Clinical research)

International Symposium on Periodontics and Restorative Dentistry, Poster Competition

Winner

Hector Rios & Gustavo Avila (2007)
I-Ching Wang (2019)

2nd place winner

Giorgio Pagni (2010)
Rafael Siquiera (2019)

Midwest Society of Periodontology Graduate Student Research Forum Competition

First prize

Khalaf Al-Shammari (2001)
Ricardo Gapski (2003)
Jason Cooke (2004)
Sang-Hoon Park (2006)
Flavia Pirih (2009)
Gustavo Avila (2010)
Angie Lee (2011)
Susan Mason (2013)
Ebony Jordan (2014)
Juan Rodriguez (2015)
Erin Shan-Huey Yu (2018)
Anusha Etikala (2019)
Celia Sommer (2021)
Shayan Barootchi (2022)

Honorable mentioned

Pintippa Bunyaratavej (2000)
Allan Padbury (2003)
Lien-Hui Huang (2005)
Thiago Morreli (2010)
Hsun-Liang (Albert) Chan (2012)
Carlos Garaicoa-Pazmino (2015)
Alberto Monje (2016)
Andrea Ravida (2020)
Matt Galli (2021)

Post-presentation

First place:

Ann Decker (2018)
Lorenzo Tavelli (2020)

Honorable mentioned:
I-Chine Wang (2019)
Matthew Galli (2020)
Shayan Barootchi (2020)

Endocrine Fellows Foundation Travel Award
Flavia Pirih (2007)

Rackham International Student Fellowships (University of Michigan)
Gustavo Avila (2007)
Angie Lee (2008)
Guo-Hoa Lin (2014)
Alberto Monje (2016)
Fernando Suárez López del Amo (2016)
Carlos Garaicoa-Pazmino (2017)
Lorenzo Tavelli (2019)

**American Association of Women Dentists - Procter and Gamble Research Award,
Co-Sponsored with The Gillette Hayden Memorial Foundation**
Winner

Ebone Jordan (2012)

LynchBiologics ResidentsCaseChallenge competition
2nd palce - Anusha Etikala (2019)

ITI Research Foundation Fellowship
Lakshmi Boyapati (2006)
Nikolaos Tatarakis (2011)
Alberto Monje (2016)

**American Academy of Periodontology *Abram and Sylvia Chasens Teaching and
Research Fellowships* (Discontinued in 2012)**
Ricardo Gapski (2003)
Yong-Hee Chun (2003)
De'Avlin Olguin (2004)
Darnell Kaigler (2006)
Thiago Morelli (2010)
Hsun-Liang (Albert) Chan (2011)

AAP Student Scholarships (Discontinued in 2004)
Heather Huffer (2002)
Debby Hwang (2003)

**American Academy of Periodontology *Richard J. Lazzara Fellowship In Advanced
Implant Surgery* (Discontinued in 2020)**
Winner:
Sang-Hoon Park (2005)
Jill Bashutski (2008)
Tapan Koticha (2014)

Juan Rodriguez (2015)
Erin Shan-Huey Yu (2018)

Finalists:

Yi-Pin Tsao (2004)
Amar Katranji (2007)
Gustavo Avila (2009)
Angie Lee (2010)
Hsun-Liang (Albert) Chan (2011)
Manar Aljateeli (2012)
Fernando Suarez (2016)
Carlos Garaicoa-Pazmino (2017)

American Academy of Periodontology Foundation Tarrson Regenerative Scholarships
(Discontinued in 2008)

Jill Bashutski (2005)

Volpe Prize Clinical Research Competition (Discontinued 2014)

Winner

Jill Rogers (2007)
Jill Bashutski (2009)

Finalist

Angie Lee (2011)

E. FACULTY MENTORING

Current Faculty Position Year of mentoring	Name	Achievement
Clinical Professor	Robert Eber, D.D.S., M.S.	Dr. Eber has successfully been promoted to Clinical Professor in 2007.
Clinical Professor	Tae-Ju Oh, D.D.S., M.S.	Dr. Oh has worked with me for the last 10 years and he has published more than 25 peer-reviewed articles (9 as a primary author) and 1 book chapter. He is now promoted to Clinical Professor (2012).
Assistant Professor 1999-2001	Pintippa Bunyaratavej D.D.S., M.S.	Dr. Bunyaratavej has worked with me from July 1999 – June 2001. She has published 2 book chapters, 7 peer-reviewed articles and 1 non-peer-reviewed article with me. Currently, she is a part time assistant professor at Mahidon University, Thailand.
Associate Professor 2001-2002	Khalaf Al-Shammari D.D.S., M.S.	Dr. Al-Shammari has worked with me from July 2001 – June 2002. He has published more than 20 peer-reviewed articles with me. Currently, he is Chairman at Faculty of Dentistry, Kuwait Institute for Medical Specialization
Clinical Professor	Rodrigo Neiva D.D.S., M.S.	Dr. Neiva has worked with me for more than 7 years and he has published more than 27 peer-reviewed articles (7 as a primary author). He is

		now a Clinical Professor and Chair of Periodontology department at University of Pennsylvania
Private practice	Yi-Pin Tsao D.D.S., M.S.	Dr. Tsao has worked with me for 2 years and she has published more than 6 peer-reviewed articles (3 as a primary author) and 1 book chapter. She is now a clinical assistant professor at University of Pan Pacific.
Clinical Assistant Professor (part time)	Sang-Hoon Park D.D.S., M.S.	Dr. Park has worked with me from July 2005 – June 2006. He has published more than 7 peer-reviewed articles with me.
Private practice	Jill Bashutski D.D.S., M.S.	Dr. Bashutski has worked with me for the last 5 years and she has published more than 10 peer-reviewed articles and 2 book chapters. She has won many prestigious awards that include AAPF Nevin's Clinical Research Fellowship, AAPF <i>Richard J. Lazzara Fellowship In Advanced Implant Surgery</i> and many others. He is currently an Assistant Professor and Director of Undergraduate Periodontology at the University of Michigan.
Professor	Gustavo Avila D.D.S., M.S., Ph D.	Dr. Avila has worked with me for 4 years and he has published more than 16 peer-reviewed articles and 1 book chapter. He is now Chair of Periodontology department at University of Iowa.
Private practice	Angie Lee D.D.S., M.S.	Dr. Lee has worked with me from Sept. 2010 – August 2011. She has published more than 6 peer-reviewed articles with me.
Clinical Associate Professor	Hsunliang Chan D.D.S., M.S.	Dr. Chan has worked with me for one year and we have published more than 20 papers. He is now faculty at the University of Michigan
Clinical Assistant Professor	Tapan Koticha D.D.S., M.S.	Dr. Koticha is now a post-doctoral periodontal director at the University of Oklahoma - College of Dentistry
Private practice	Juan Rodriguez D.D.S., M.S.	Dr. Rodriguez has worked with me for one year and we have published more than 3 papers.
Clinical Assistant Professor (now Private practice)	Fernando Suárez López del Amo D.D.S., M.S.	Dr. Suarez has worked with me for one year and we have published more than 10 papers. Former faculty at the University of Oklahoma - College of Dentistry
Clinical Associate Professor (now Private practice)	Carlos Garaicoa Pazmino D.D.S., M.S.	Dr. Garaicoa Pazmino has worked with me for one year and we have published more than 2 papers. He is now faculty at Oregon University
Clinical Assistant Professor	Shan Huey Yu D.D.S., M.S.	Dr. Yu has worked with me for two years and we have published more than 5 papers. She is now faculty at the University of Michigan
Clinical Instructor	Junying Li D.D.S., M.S., Ph D	Dr. Li has worked with me for two years and we have published more than 5 papers.

		published more than 10 papers.
Professor and Chair	Manabu Morita D.D.S., Ph D	Dr. Morita has worked with me from June 1999 – April 2000, we have published 5 peer-reviewed articles together. As a result, he was hired and promoted to full professor and Chair in Hokkaido University, Japan (an exceptional example of advancing).
Visiting Assistant Professor	Yongsik Kim D.D.S., MS., Ph D	Dr. Kim has worked with me from July 2002 – June 2003, we have published 2 peer-reviewed articles together.
Professor	Pablo Galindo-Moreno D.D.S., MS., Ph D	Dr. Galindo-Moreno has worked with me from July 2010 – June 2011, we have published more than 10 peer-reviewed articles together. He has successfully promoted to Full Professor with tenure.

VII. SERVICES (REPRESENTATIVE)

A. DEPARTMENTAL COMMITTEES OR PROGRAMS

Ramfjord symposium, Co –Chair and Moderate The University of Michigan, School of Dentistry	2005-present
Director, POM Continuing Education The University of Michigan, School of Dentistry	2014-present
Director, POM Dental faculty Associates	2014-present
Search Committee for School of Dentistry faculty & leadership position	1991-present

B. SCHOOL COMMITTEES OR PROGRAMS

Continuing Education Advisory Committee The University of Michigan, School of Dentistry	2014-present
Dental Faculty Associates Participants Advisory Committee The University of Michigan, School of Dentistry	2014-present
Graduate Student Admission Advisory Committee The University of Michigan, School of Dentistry	2014-present
President Omicron Kappa Upsilon <i>Chi Chapter</i>	2006-2007

C. EDITORIAL BOARD MEMBERSHIP

Co-Editor-in-Chief Clinical Implant Dentistry and Related Research	2022-present
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Editorial Board Periodontology 2000	2022-present
Section Editors (Periodontics) Journal of Esthetic and Restorative Dentistry	2021-present
Associate Editor International Journal of Oral Implantology	2019-present
Associate Editor International Journal of Oral & Maxillofacial Implants	2006-present
Editorial Board Chinese Journal of Dental Research	2022-present
Editorial Board Clinical Oral Implant Research	2002-present
Editorial Board Journal of Clinical Periodontology	2004-present
Editorial Board International Journal of Periodontics & Restorative Dentistry	2004-present
Editorial Advisory Board Journal of Periodontology	2006-present
Editorial Board International Journal of Oral Science	2012-present
Editorial Advisory Board Compendium of Continuing Education in Dentistry	2011-present
Founding Editorial Board Clinical Advances in Periodontics	2010-present
Co-Editor-in-Chief Stomatology Edu	2015-present
Associate Editor eJournal of Oral & Maxillofacial Research	2009-present
Associate Editor Periodontology, Oral Surgery, Esthetic & Implant Dentistry Organization	2013-present
Reviewer Journal of the International Academy of Periodontology	2013-present
Editorial Board Frontiers of Oral & Maxillofacial Medicine	2020-present

Editorial Board Annals of Oral & Maxillofacial Surgery	2012-present
Editorial Review Board Saudi Dental Journal	2011-2020
Editorial Advisory Board Journal of Osteology and Biomaterials	2010-2020
Editorial Advisory Board The Journal of Clinical and Practical Oral Implantology	2010-2020
Editorial Advisory Board Journal of Implant and Advanced Clinical Dentistry	2008-2020
Editorial Board The Open Biomedical Engineering Journal	2007-2020
Editorial Board European Journal of Dentistry	2007-2018
International Editorial Board Chinese Journal of Dentistry	2006-2015
Reviewer (Editorial Consultant) Community Dentistry Oral Epidemiology	2005-2013
Associate Editor-in-Chief International Chinese Journal of Dentistry	2001-2015
Assistant Editor Implant Dentistry	2007-2011
Editor-in-Chief The Open Dentistry Journal	2008-2009
Editorial Board The Open Dentistry Journal	2007
Editorial Consultant International Journal of Oral & Maxillofacial Implants	2004-2005
Assistant Editor for International Magazine of Oral Implantology International Congress of Oral Implantologists/ Deutsche Gesellschaft für Zahnärztliche Implantologie	2002-2005
Associate Editor for Periodontal Literature Reviews American Academy of Periodontology	1996-2002
Ad hoc (Journal/Grant) reviewer	1995-present

Journal of the American Dental Association (2011-present)
Journal of Periodontal Research (2010-present)
Dentomaxillofacial Radiology (2010-present)
Journal of Prosthetics (2010-present)
Expert Opinion on Pharamcotherapy (2010-present)
Journal of Dental Research (2008-present)
International Journal of Oral and Maxillofacial Surgery (2004-present)
Journal of Periodontology (1995-2006)
Austrian Science Fund (2002)
Bone (2002-present)
Quintessence International (Journal) (2002-present)
Odontology (2002-present)
“Glossary of Implant Dentistry” from ICOI (2003)
European Journal of Oral Sciences (2003-present)
Evidence-Based Dental Practice (2003-present)
Angle Orthodontist (2005-present)
Oral Diseases (2005-present)
Archives of Oral Biology (2006-present)
Acta Biomaterials (2006-present)

D. NATIONAL/INTERNATIONAL COMMITTEES

President, Academy of Osseointegration	203-2024
Member of IADR – Implantology Research Work Group 2 on Best Evidence Consensus on Peri-implant Disease and its Treatment International Association of Dental Research	2023-present
Advisor, Consensus Conference committee European Association for Osseointegration (EAO)	2023-present
Peri-implant disease and conditions working group American Academy of Periodontology	2023-2026
President-Elect, Academy of Osseointegration	2022-2023
ITI Consensus Conference 2023 working group International Team for Implantology	2022-2023
Best Evidence Consensus (BEC) project on biologic mediators American Academy of Periodontology	2021-2022
Disease Classification App Brainstorming Session American Academy of Periodontology	2021-present
Board Liaison, AO Credential Board Academy of Osseointegration	2020-present
Director, ITI Scholarship Center Director at the University of Michigan	2020-present
Ambassador, Academy of Osseointegration to FDI and IADR	2019-present

Chair, Global Development Committee Academy of Osseointegration	2019-present
Chair, Global Education Committee Academy of Osseointegration	2019-present
Board Liaison, Website Online Education Committee Academy of Osseointegration	2016-present
Task Force on Future Scientific Strategy American Academy of Periodontology	2019-present
Ambassador, American Academy of Periodontology Foundation	2006-present
Vice President, Academy of Osseointegration	2021-2022
Chair, Website Online Education Committee Academy of Osseointegration	2011-2016
Member, Nevins Teaching and Clinical Research Fellowship Selection Committee American Academy of Periodontology Foundation	2016-2021
Secretary, Academy of Osseointegration	2019-2021
Member, Dental Products Panel of the Medical Devices Advisory Committee Food and Drug Administration	2017-2019
Chair, Website Online Education Committee Academy of Osseointegration	2011-2016
Member, Task Force on Annual Meeting Innovation American Academy of Periodontology	2016-2019
Member, Scientific Oversight Committee American Academy of Periodontology	2015-2019
Member, Continue Education Oversight Committee American Academy of Periodontology	2015-2019
Board of Director, Academy of Osseointegration	2016-2019
Member, Leadership development and qualification committee American Academy of Periodontology	2012-2016
Member, JOMI Oversight Committee Academy of Osseointegration	2016-2018
Moderator, 1 st Academy of Osseointegration Webinar	2015
Member, Annual Program Committee Academy of Osseointegration	2015

Consultant, Scientific Oversight Committee American Academy of Periodontology	2013-2015
Member, Clinical Innovations Committee	2012-2016
Chairperson, Clinical Research Oral Presentation-Prosthetically oriented European Academy of Osseointegration 2014 annual meeting	2104
Moderator, American Academy of Periodontology 99 th annual meeting	2013
Member, Website Online Education Committee Academy of Osseointegration	2010-2011
Research Submissions Subcommittee American Academy of Periodontology	2003-2012
Advanced Dental Education for Implant Dentistry Committee Academy of Osseointegration	2010-2011
President The International Congress of Oral Implantologists	2010-2011
The Continuing Education Advisory Committee The International Congress of Oral Implantologists	2005-2011
Advisory Board member German Society of Oral Implantology (DGOI)	2004-2011
International Vice President The International Congress of Oral Implantologists	2002-2011
Board of Directors The International Congress of Oral Implantologists	2003-2011
Advanced Credentials Committee The International Congress of Oral Implantologists	2002-2011
Chair, Zimmer/New York University International Implantology Week	2011
Co-Clinical Chair, Dentsply Summit 2011	2010-2011
Scientific Chair, Organizing Committee for Annual Meeting 2011 ICOI World Congress, Seoul, South Korea	2010-2011
Scientific Chair, Organizing Committee for Annual Meeting 2010 ICOI World Congress, Hamburg, Germany	2010-2011
Director American Board of Periodontology	2004-2010
Co-Chairman	2009-2010
Co-Vice Chairman	2008-2009

Standing Committees	
Qualifying Exam Committee	2004-2010
Chair	2009-2010
Oral Examination Committee	2008-2010
American with Disabilities	2004-2008
Credential Committee (Co-Chair)	2009-2010
Special Committees	
ABP-AAp-AAPF Liaison (Co-Chairman)	2009-2010
Specialty Board Representative	2009-2010
Protocol Committee	2004-2008
Re-certification exam/Workshop	2005-2010
Gerald Bowers Endowed Symposium (Chair)	2006-2007
Executive Director Search Committee	2006-2007
Appeals Committee (Chair)	2008-2009
Representative Appointments	
Examiner Selection Committee	2005-2007
Consultant to In-Service Training Exam	2004-2010
President Elect	2007-2009
The International Congress of Oral Implantologists	
Immediate Past President	2007-2008
Midwest Society of Periodontology	
Implant Dentistry Research and Education Foundation Committee	2005-2008
The International Congress of Oral Implantologists	
Consultant, ADA Commission on Dental Accreditation	2001-2007
American Dental Association	
Vice President	2006-2007
The International Congress of Oral Implantologists	
President	2006-2007
Midwest Society of Periodontology	
Chair, Organizing Committee for Annual Meeting	2006
2006 ICOI World Congress	
President Elect	2005-2006
Midwest Society of Periodontology	
Organizing Committee for Annual Meeting	2005
2005 ICOI World Congress	
Director Elect	2004
American Board of Periodontology	
In-Service Examination Committee	2002-2004
American Academy of Periodontology	
External Examiner (Final Professional BDS Examination)	2004

National University of Singapore	
Vice President Midwest Society of Periodontology	2004-2005
Secretary Midwest Society of Periodontology	2002-2004
Organizing Committee for Annual Meeting 2004 ICOI World Congress	2003-2004
Scientific Information Committee American Association for Dental Research	2000-2003
Executive Council Midwest Society of Periodontology	1998-2001
Reviewer for Journal of Dental Research	1996-2001
Reviewer for Journal of Periodontology	1990-2001
Program Chair, annual meeting Midwest Society of Periodontology	2000
Peer Reviewer, position paper American Academy of Periodontology	1999
Chair, Graduate Student Research Forum Midwest Society of Periodontology	1999
Co-Chair, Periodontal Research – Therapy, Gingival recession IADR annual meeting	1999
Moderator, 83 rd annual meeting American Academy of Periodontology	1997
Judge, Graduate Student Research Forum Competition Midwest Society of Periodontology	1994-1997
Registration and Membership Committee Midwest Society of Periodontology	1995-1998
Dental Health Education Committee	1994-1997

VIII. INVITATIONS TO PRESENT RESEARCH SEMINARS OR LECTURES AT OTHER INSTITUTIONS (MORE THAN 1000 LECTURES SINCE 1990- Examples- periodontal related only)

1993 Feb The relationship between restoration placement and furcation involvement.
Midwest Society of Periodontology annual meeting, Chicago, IL.

- 1993 Sept Evaluation of an absorbable collagen membrane in treating class II furcation defects
American Academy of Periodontology annual meeting, Chicago, IL.
- 1993 Dec Collagen membrane
Food and Drug Administration Dental Advisory Panel Meeting, Gaithersburg, Maryland.
- 1994 Feb Comparison of different guided tissue membrane in periodontics: Today
Midwest Society of Periodontology annual meeting, Chicago, IL.
- 1994 July Collagen membrane
Food and Drug Administration, Washington DC.
- 1995 June Biologic principles of guided tissue regeneration
Chinese Academy of Periodontology, Taipei, Taiwan.
- 1996 Jan Tissue regeneration utilizing absorbable collagen membranes
22nd Annual USC Periodontal Symposium, Los Angeles, CA.
- 1996 Feb Comparison between resorbable and non-resorbable GTR membranes: An Update
Midwest Society of Periodontology annual meeting, Chicago, IL.
- 1997 June Tissue regeneration utilizing absorbable collagen membranes
Michigan Osseointegration Implant Study Club, Ann Arbor, MI.
- 1997 June Guided tissue/bone regeneration utilizing absorbable collagen membranes
Japanese Society of Aesthetic Dentistry, Fukuoka, Japan.
- 1997 Oct Comparison between absorbable and non-absorbable membranes: An update (Luncheon-on for learning)
The American Academy of Periodontology 83rd annual meeting, San Diego, CA.
- 1997 Oct Guided bone regeneration utilizing absorbable collagen membranes
The American Academy of Periodontology 83rd annual meeting, San Diego, CA.
- 1997 Dec Guided tissue regeneration utilizing absorbable collagen membranes
BioMend training workshop
FDI/Indonesian Dental Association annual meeting, Bandung, Indonesia.
- 1997 Dec An update of interaction between periodontics and orthodontics
Guided bone regeneration : Soft and hard tissue augmentation
Mucogingival surgery: What can be achieved today
Society of Periodontology Singapore and Orthodontic Association Singapore, Singapore.
- 1998 Feb GTR based root coverage (Luncheon for learning)
Midwest Society of Periodontology annual meeting, Chicago, IL.

- 1998 Sept Collagen membrane (General session, Techniques for bone augmentation and regeneration of periodontal tissues)
The American Academy of Periodontology 84th annual meeting, Boston, MA.
- 1999 Feb Root coverage: A clinical perspective and comparison of different surgical approaches
Midwest Society of Periodontology annual meeting, Chicago, IL.
- 1999 Sept Guided bone regeneration utilizing absorbable collagen membranes
American Academy of Implant Dentistry 48th annual meeting, Orlando, FL.
- 1999 Dec Periodontal therapy enhanced esthetic outcomes (Keynote speaker)
The First Thai International Convention of Periodontology, Bangkok, Thailand.
- 1999 Dec Guided tissue/bone/root coverage utilizing absorbable collagen membranes and absorbable pins
Thai Society of Periodontology, Bangkok, Thailand.
- 2000 Jan Utilizing absorbable collagen membranes for guided tissue/bone/root coverage regeneration
26th Annual USC Periodontal Symposium, Los Angeles, CA.
- 2000 Feb Interaction between periodontics and orthodontics (Luncheon for learning)
Midwest Society of Periodontology annual meeting, Chicago, IL.
- 2000 June Guided tissue/bone/root coverage regeneration
Association of Periodontology and Restorative Dentistry, Genova, Italy.
- 2000 Sept BioMend/Extend: An ideal membrane for guided tissue/bone regeneration
AAP 86th annual meeting, Sulzer Calcitek Reception, Honolulu, Hawaii.
- 2000 Sept Root coverage using collagen membranes (Luncheon for learning)
The American Academy of Periodontology 86th annual meeting, Honolulu, Hawaii.
- 2000 Oct Guided bone regeneration utilizing absorbable collagen membranes (Main program)
Advantages and disadvantages of absorbable membranes (Limited attendance)
The International Congress of Oral Implantologists World Congress XX annual meeting, Berlin, Germany.
- 2000 Nov Monocortical onlay graft
Chinese Academy of Periodontology, Taipei, Taiwan.

- 2001 July Guided bone regeneration utilizing absorbable collagen membranes (Keynote speaker)
Early implant/crestal bone loss
5th World Congress of Oral Implantology, Chiba, Japan.
- 2001 July The use of bioabsorbable membranes in ridge augmentation
Northeast & Southern American Academy of Implant Dentistry annual meeting, Baltimore, MD.
- 2001 Oct Root coverage using collagen membranes (Luncheon for learning)
Regeneration in furcations: Collagen barriers (CE)
Utilization of BMP-7 (OP-1) for promotion of periodontal wound regeneration (Innovation in Periodontics)
The American Academy of Periodontology 87th annual meeting, Philadelphia, PA.
- 2001 Oct Enhancing esthetic outcomes through periodontal plastic procedures
Society of Periodontology Singapore, Singapore.
- 2002 Apr Guided bone regeneration utilizing absorbable collagen membranes
International Congress of Oral Implantologists (ICOI) Symposium in the Sun, San Juan, Puerto Rico.
- 2002 May Contemporary periodontal therapy: Current diagnosis and treatment
Esthetic crown lengthening
International Congress of Dentistry, National University of Mexico, Mexico City, Mexico.
- 2002 Sept Avoiding the great barrier grief: Collagen barriers (CE 06)
Barrier techniques for root coverage: Collagen Barriers (CE 12)
Root coverage using a collagen membranes (Video Session)
Soft tissue management around dental implants (Luncheon for learning)
The American Academy of Periodontology 88th annual meeting, New Orleans, LA.
- 2003 Mar Soft tissue management around dental implants (Luncheon for learning)
Midwest Society of Periodontology annual meeting, Chicago, IL.
- 2003 Mar Advanced bone graft for the correction of ridge defects
Pittsburgh Academy of Periodontology, Pittsburgh, PA.
- 2003 June Periodontal regeneration, bone augmentation and periodontal plastic surgery (keynote speaker)
Thai Society of Periodontology annual meeting, Bangkok, Thailand.
- 2003 June Immediate implant loading – Where are we now?
Academy of Medicine & Society of Periodontology joint meeting
Singapore, Singapore.
- 2003 Sept Immediate implant loading for the single tooth: Where are we now?
The American Academy of Periodontology 89th annual meeting, San Francisco, CA.

- 2003 Nov. Immediate implant loading: Where are we now?
American Academy of Implant Dentistry 52nd annual meeting,
Hollywood, FL.
- 2003 Nov. Guided bone regeneration utilizing absorbable collagen membranes
American Academy of Implant Dentistry 52nd annual meeting,
Hollywood, FL.
- 2003 Dec. The current state of the art in periodontal surgical therapy
Singapore Society of Periodontology, Singapore.
- 2003 Dec. Implant therapy: Where are we now?
FDI-India Dental Association Joint meeting, Kalcutta, India.
- 2004 Feb Periodontal regeneration, bone augmentation and periodontal plastic surgery
Columbine Periodontal Study Group, Denver, CO.
- 2004 Mar Reversible implant complications: Classifications and treatment
6th World Congress of Oral Implantology, Honolulu, Hawaii.
- 2004 June Bone augmentation: techniques and materials
Esthetic soft tissue management around dental implants
ICOI World Congress XXII, First Step™ program, Las Vegas, NV.
- 2004 Aug Periodontal plastic surgery (keynote speaker)
Thai Society of Periodontology annual meeting, Bangkok, Thailand.
- 2004 Nov Periodontal regeneration and Sandwich GBR technique (Corporate Forum)
Mentoring Graduate Students- University of Michigan Experience (Post-
doctoral directors' workshop)
Utilizing absorbable collagen membranes for root coverage (Luncheon with
the Experts)
Collagen membranes for periodontal and bone regeneration (CE)
The American Academy of Periodontology 90th annual meeting,
Orlando, FL.
- 2004 Nov Esthetic soft tissue management around dental implants
SEI (Spain Implantology Society annual meeting), Madrid, Spain.
- 2004 Nov Esthetic soft tissue management around dental implants
Korean Academy of Prosthodontics annual meeting, Daegu, South
Korea.
- 2005 Mar. Implant complications and their management
Hong-Kong Dental Association, Hong-Kong.
- 2005 Mar. Periodontal plastic surgery: A hands-on training Course – 2 days
Asia Implant Institute, Bangkok, Thailand.
- 2005 Sept Periodontal regeneration, socket and bone augmentation utilizing BioMend
absorbable collagen membranes: Hands-on course (1 day)

- Esthetic soft tissue management around dental implants (Keynote speaker)
The 9th ICOI Congress of International Symposium/Asia Pacific
section/Jeju Island, South Korea.
- 2005 Sept Esthetic soft tissue management around dental implants (Keynote speaker)
Implant complications and their management
Colombia National Society of Periodontology annual meeting, Santa
Maria, Colombia
- 2005 Sept Utilization of Puros® allograft for GTR, GBR and Sinus augmentation
(Corporate Forum)
Sandwich bone augmentation for predictable horizontal ridge augmentation
Sandwich bone augmentation (Luncheon with the Experts)
The American Academy of Periodontology 91th annual meeting,
Denver, CO.
- 2005 Oct Sandwich bone augmentation: An innovative approach for predictable
horizontal bone regeneration
National Congress for the Spanish Society of Oral Surgery, 4th
International Congress meeting, Granada, Spain.
- 2006 Jan Advanced soft and hard tissue grafts
Michigan Society of Periodontology, Dearborn, MI.
- 2006 Jan Esthetic soft tissue management around dental implants
32nd Annual USC Periodontal Symposium, Los Angeles, CA.
- 2006 Mar. "Sandwich Bone Augmentation" and "PASS" Principles for Predictable Bone
Regeneration
Academy Osseointegration annual meeting, Seattle, WA.
- 2006 June Surgical implant complications and their management
Singapore Dental Association/IDEA, S'pore.
- 2006 Sept Socket augmentation
GTR-based root coverage (general session- interactive section)
Sandwich bone augmentation (Luncheon with the Experts)
The American Academy of Periodontology 92nd annual meeting, San
Diego, CA.
- 2006 Oct. Esthetic soft tissue management around dental implants
Ohio Academy of Periodontists annual meeting, Columbus, OH.
- 2006 Nov. Periodontal regeneration and bone augmentation
FDI annual meeting, Hyderabad, India.
- 2007 May Esthetic triangle for implant esthetics
2nd International federation of Esthetic Dentistry annual meeting,
Seoul, South Korea
- 2007 June Periodontal regeneration using allogenic bone grafts and collagen
membranes

9th International Symposium on Periodontics and restorative Dentistry,
Boston, MA.

- 2007 Aug. Bone augmentation using human allografts: particulate or block
ICOI World Congress XXV, San Francisco, CA.
- 2007 Oct. Predictable bone augmentation
Greater Cincinnati Periodontal Society, Cincinnati, OH.
- 2007 Oct Utilization of acellular dermal matrix for soft tissue root coverage
Coronally advanced flap for soft tissue root coverage: Indications and
technique
The American Academy of Periodontology 93rd annual meeting,
Washington DC.
- 2007 Nov. Advancement in periodontal regeneration, plastic surgery, implant therapy
and block grafting
Taiwan Academy of Periodontology 25th annual meeting, Taipei,
Taiwan.
- 2007 Dec. Immediate implant loading: Functional vs. nonfunctional/flap vs. flapless
PASS principle for predictable bone augmentation
XXXII Indian Society of Periodontology National Conference
Oration Special lecture, Davangere, Karnataka, India.
- 2008 Feb Advancement in periodontal regeneration, plastic surgery, implant therapy
and block grafting (Keynote speaker)
Colombia National Society of Periodontology annual meeting, Bogota,
Colombia
- 2008 April. When are dental implants indicated in treating advanced periodontal disease
(Keynote speaker)
Japanese Society of Periodontology 51st annual meeting, Omiya,
Japan.
- 2008 June Current trends in implant therapy
1st Taiwan Academy of Osseointegration meeting, Taipei, Taiwan.
- 2008 July Guided bone vs. tissue regeneration: Where are we now?
Thailand Society of Periodontology annual meeting,
Bangkok, Thailand.
- 2008 Sept. Coronally advanced flap for soft tissue augmentation in a shallow mandibular
vestibule
The American Academy of Periodontology 94th annual meeting,
Seattle, WA.
- 2008 Oct. Guided bone augmentation versus block graft for predictable bone
augmentation (keynote speaker)
SECIB VI (Spain Oral Surgery Society) national meeting, Santiago de
Compostela, Spain.

- 2009 March Common implant complications and management
Pittsburgh Academy of Periodontology annual meeting,
Pittsburgh, PA.
- 2009 March Extraction socket management for daily practice
Pacific Dental Conference, Vancouver, Canada.
- 2009 May Current advancement in periodontal regeneration, oral plastic surgery
and implant bone augmentation.
What's new in periodontal regeneration? Current understanding
Predictable soft tissue grafting: Materials and Techniques
Predictable implant esthetics
What's new in implant therapy: Things have to know.
Guided Bone Regeneration (including Live surgery Video)
Block Onlay (Auto-vs. allogenic) Graft
Immediate implant placement (including Live surgery Video)
Australia and New Zealand periodontal Society biannual
scientific meeting, Adelaide, Australia.
- 2009 June Regenerative technique and technology: State of the Art.
EuroPerio 6 meeting, Stockholm, Sweden.
- 2009 Aug. How to avoid implant esthetic nightmares?
ICOI World Congress XXVII, Vancouver, Canada.
- 2009 Sept. Digital planning for implant therapy
2nd Taiwan Academy of Osseointegration meeting, Taipei, Taiwan.
- 2009 Sept. Advancement in periodontal regeneration and oral plastic surgery (Corporate
forum)
The American Academy of Periodontology 95th annual meeting,
Boston, MA.
- 2010 March Advances in sinus augmentation
Academy of Osseointegration annual meeting, Orlando, FL.
- 2010 June Decision tree for predictable soft tissue coverage/augmentation
10th International Symposium on Periodontics and Restorative
Dentistry, Boston, MA.
- 2010 Aug. Soft tissue development using prosthetic design
3rd Taiwan Academy of Osseointegration meeting, Taipei, Taiwan.
- 2010 Aug Biomaterials for bone regeneration
Use and misuse of bone grafts
FDI World Dental Congress 2010, Salvador da Bahia, Brazil.
- 2010 Sept. Implant surgery: A hands-on training Course – 4 days
Asia Implant Institute, Hong-Kong.
- 2010 Sept. Laser-lok technology: what does it mean for you and your patient

- Enhanced soft tissue root coverage and aesthetic using acellular dermal matrix
 Keys to predictable bone grafting using allograft materials
 Guided bone augmentation and soft tissue graft using acellular dermal matrix (hands-on exercise)
 Oceania International Implant Congress (Australia Society of Implantology), Sydney, Australia.
- 2010 Oct Graft or no-graft: featuring for no-graft criteria
 Immediate implant placement: Graft vs. no graft: flap vs. flapless
 Advances in bone augmentation (including hands-on exercise)
 The 6th World Dental meeting, Yokohama, Japan.
- 2010 Oct. Predictability through managing and preventing implant complications (Corporate forum)
 The American Academy of Periodontology 96th annual meeting, Honolulu, Hawaii.
- 2010 Dec The art and science for building a successful implant case
 To save or to extract: periodontal aspect
 First Global of Chinese Dentists, Xiamen, China.
- 2010 Dec Management of implant complications and peri-implantitis
 Hong-Kong Society of Periodontology and Implant Dentistry, Hong-Kong.
- 2011 Jan Soft tissue graft: Current trends
 Soft tissue management around dental implants
 Implant therapy 101 (Lecture & hands-on)
 How to avoid implant esthetic nightmares
 AEEDC (UAE International Dental Conference & Arab Dental exhibition, 2011). Dubai, United Arab Emirates.
- 2011 Feb. Extraction Socket management for daily practice (Pre-congress workshop)
 How to avoid and manage implant esthetic nightmares
 ICOI Winter Symposium, Las Vegas, NV.
- 2011 Feb. Implant complications: Classification, prevention and management
 Midwest Society of Periodontology annual meeting, Chicago, IL.
- 2011 March Recent advances in sinus augmentation
 Academy of Osseointegration annual meeting, Washington DC.
- 2011 June Prevent and manage Implant complications
 Long Island Academy of Periodontics, New York, NY.
- 2011 July Implant esthetics and advances in bone and sinus augmentation
 Louisiana Society of Periodontics Annual Meeting, New Orleans, LA
- 2011 Oct Implant complications: Classification, prevention and management
 ICOI World Congress XXVIII, Seoul, South Korea.

- 2011 Nov. Decision-making for immediate implant placement (Corporate forum)
Prevent extraction socket bone remodeling using PTFE membranes (Corporate forum)
The American Academy of Periodontology 97th annual meeting, Miami, FL.
- 2012 Apr. Bone regeneration using human allografts
American Academy of Implant Dentistry, Bone regeneration symposium, New York, NY.
- 2012 May Implant complications and peri-implantitis: Prevention and management
Massachusetts Periodontal Society annual meeting, Boston, MA.
- 2012 May Management of implant complications through changes in the surface
Soft tissue consideration during implant placement
What should be aware of when performing immediate implant placement
Spanish Oral and Maxillofacial Society 14th Congress, Badajoz, Spain.
- 2012 July How to avoid common implant placement mistakes?
Current trends in socket and bone augmentation
Tissue management around dental implants
Indonesia Periodontal Society, Jakarta, Indonesia
- 2012 July Implant Complications and Peri-implantitis: Prevention and Management
Congress of Oral Rehabilitation Association of Guayas XXXVIII annual meeting, Guayaquil, Ecuador
- 2012 Oct. Management and treatment of implant complications
Implant complications: classification, prevention and management
The American Academy of Periodontology 98th annual meeting, Los Angeles, LA.
- 2013 Jan. Implant complications: Classification, prevention and management
The 24th Saudi Dental Society International Dental Conference, Riyadh, Saudi Arabia
- 2013 April Hard and soft tissue regeneration for natural teeth and dental implants
Virginia Society of Periodontists, Richmond, VA.
- 2013 June Immediate implant loading: When, where and for whom? (Moderator)
11th International Symposium on Periodontics and Restorative Dentistry, Boston, MA.
- 2013 Aug Current concepts and future trend in socket augmentation
Taiwan Academy of Osseointegration annual meeting, Taipei, Taiwan
- 2013 Sept Implant complications: Classification, Prevention and management
Corporate Forum, The American Academy of Periodontology 99th annual meeting, Los Angeles, LA.
- 2013 Oct Peri-implantitis etiology and treatment: An evidence-based approach

62nd American Academy of Implant Dentistry (AAID) annual meeting, Phoenix, AZ.

- 2014 Jan Prevention and management of peri-implantitis
22nd North Carolina Society of Periodontists annual meeting, Raleigh-Durham, NC.
- 2014 March Is crestal bone loss around titanium implants a risk to long-term patient care?
Opening session, main podium speaker
Current trends in the management of peri-implant complications (Lunch for learn)
- 2014 March Advances in the management of implant complications: Current status
3rd International Congress of Spanish Society of Oral Implantologists annual meeting, Granada, Spain.
- 2014 Aug Advances in soft tissue grafting
Implant complications classification and management
Texas A&M, Baylor College of Dentistry, Author Merritt Memorial Lecture, Dallas, TX.
- 2014 Sept Socket preservation: An important technique to avoid ridge resorption
New advances in sinus augmentation (Corporate Forum)
Immediate implant placement in the esthetic zone: Feasibility and precautions (Corporate Forum)
The American Academy of Periodontology 100th annual meeting, San Francisco, CA.
- 2014 Sept Risk indicators and management of midfacial implant recession
The European Academy of Osseointegration 2014 annual meeting, Rome, Italy.
- 2014 Oct Prevention and management of implant complications
New Jersey Society of Periodontists, Newark, NJ.
- 2015 Jan Current advances in sinus augmentation
Current trend in periodontal regeneration
Socket and Horizontal bone augmentation (one day cadaver hands-on exercise)
40th Annual USC Periodontal Symposium, Los Angeles, CA.
- 2015 Sept. Indication based solutions for hard and soft tissue regeneration
24th European Academy of Osseointegration annual meeting, Corporate Forum, Stockholm, Sweden
- 2015 Sept Implant positioning for implant long-term stability
Latin American Osseointegration Congress 2015, IN 2015, San Paolo, Brazil
- 2015 Sept Advances in socket and bone augmentation
Latin American Osseointegration Congress 2015, IN 2015, San Paolo, Brazil

- 2015 Sept Implant positioning for implant long-term stability
Advances in bone augmentation
How to avoid and manage common implant complications
15th Iran Academy of Periodontology annual meeting, Tehran, Iran.
- 2015 Nov Implant complications and management
15th Taiwan Academy of Periodontology annual meeting, Taipei, Taiwan.
- 2015 Nov Peri-implant diseases: Diagnosis and Etiologies (General session)
Er:YAG laser for the management of periodontal disease and peri-implant (Corporate Forum)
The American Academy of Periodontology 101th annual meeting, Orlando, FL.
- 2016 Jan Management and prevention of implant complications
Michigan Society of Periodontology 2016 annual meeting, Novi, MI.
- 2016 April How to properly prevent and manage implant complications?
Mississippi Contemporary Periodontics Symposium, Jackson, MS.
- 2016 June Prevention of peri-implant bone loss through implant positioning
12th International Symposium on Periodontics and Restorative Dentistry, Boston, MA.
- 2016 Aug Risk indicator and prevention for mucosal recession
41th American Academy of Esthetic Dentistry annual meeting, Dana Point, CA.
- 2016 Sept. Advances in socket, horizontal and vertical bone augmentation
Malaysia Society of Periodontology, Kuala Lumpur, Malaysia
- 2016 Sept Management of biological implant complications
Pan Pacific Section, The American Academy of Periodontology 102nd annual meeting, San Diego, CA.
- 2016 Sept Current status of using Lasers for the treatment of periodontal and peri-implant (Corporate Forum)
Implant Surface Modification to Prevent the Incidence of Peri-implantitis (Corporate Forum)
The American Academy of Periodontology 102nd annual meeting, San Diego, CA.
- 2016 Sept To save or to extract: A comprehensive assessment
Ohio Dental Association 2016 annual meeting, Columbus, OH.
- 2016 Sept Soft and hard tissue management around dental implants
Chinese Society of Periodontology, 2016 annual meeting, ShangHai, China
- 2017 March Role of blood products in regenerative procedures

The Influence of Mucosa Thickness on Marginal Bone Loss
of Implants with Smooth Collars: A Prospective Controlled Trial
2017 AO annual meeting, Orlando, FL.

- 2017 Sept Best evidence for dental lasers (Focus CE program)
What should we know about dental lasers when dealing with periodontitis and peri-implantitis (Corporate Forum)
The American Academy of Periodontology 103rd annual meeting, Boston, MA.
- 2017 Sept Prevention of peri-implantitis: Keys to success
China Stomatology Association 2017 annual meeting, ShangHai, China.
- 2017 Oct Prevention and Management of peri-implant complications
AAP Charles Finney Visiting Scholar, Case Western Reserve University, Cleveland, OH.
- 2018 Oct.
J Morita Corporate Forum, The American Academy of Periodontology 104th annual meeting, Vancouver, Canada.
- 2018 Oct. Current status of using dental lasers for the treatment of periodontal and per-implant diseases (Focus CE program)
Use Er:YAG lasers for the treatment of moderate to severe periodontitis and per-implant diseases (Corporate Forum)
Prevention of peri-implantitis through implant design: An evidence-based approach (Corporate Forum)
The American Academy of Periodontology 104th annual meeting, Vancouver, Canada.
- 2019 Feb. Update in avoiding and managing peri-implantitis (Keynote speaker)
Use Er:YAG lasers for the treatment of periodontitis and per-implant diseases (Hands-on exercise)
Midwest Society of Periodontology, 62nd annual meeting, Chicago, IL.
- 2019 March Principles of bone augmentation
University of Pacific International Bone symposium, San Francisco, CA.
- 2019 July Unfolding peri-implantitis
China Society of Periodontology annual meeting, Shenyang, China.
- 2019 August Prevention and management of peri-implantitis
Association of Mexico Periodontology, 68th annual meeting, Leon, Mexico.
- 2019 Oct Use of dental lasers for the Management of Periodontitis and Peri-implantitis
Northeastern Society of Periodontists 2019 annual meeting, New York, NY.
- 2018 Nov. Extract and replace with a new implant after regenerating the site (General session)

- The American Academy of Periodontology 105th annual meeting, Chicago, IL.
- 2020 May Utilization of dental Lasers for implant surface detoxification
Academy of Osseointegration annual meeting webinar, Chicago, IL
- 2020 Nov. Predictable peri-implantitis infrabony defect regeneration (Zoom) (Corporate Forum)
The American Academy of Periodontology 106th annual meeting, Chicago, IL.
- 2021 Sept. Unfolding peri-implantitis
EP-DDS protocol for the treatment of peri-implantitis (Hands-on)
69th Western Society of Periodontology annual meeting, Las Vegas, NV.
- 2021 Nov. Management hard tissue complications around teeth – Infrabony & Furcation
Er;YAG lasers for the management of periodontal and peri-implantitis diseases (Corporate Forum)
The American Academy of Periodontology 107th annual meeting, Miami, FL.
- 2021 Nov. Surgical management of peri-implantitis
Taiwan Academy of Periodontology 2021 annual meeting (Zoom)
- 2021 Nov. The link between Peri-implantitis & Restorative designs
2nd Saudi International Periodontics Conference
(**SaudiPerio2021**) (Zoom)
- 2022 Feb Untangling the myth of peri-implantitis
Academy of Osseointegration 2022 annual meeting, San Diego, CA
- 2022 March Management hard tissue complications around teeth – Infrabony & Furcation
The American Academy of Periodontology/Osteology Foundation-
New Periodontist & Virtual Forum
- 2022 May Untangle the myth of peri-implantitis
Bone regeneration in post-extraction implants in edentulous areas
Spanish Society of Periodontology (SEPA) 2022 annual meeting, Malaga, Spain
- 2022 June Utilization of Dehydrated human de-epithelized Amnion-Chorion membrane for periodontal and implantology regenerative therapy
ISPRD 2022 -14th International Symposium Periodontics & Restorative Dentistry, Boston, MA
- 2022 Aug Advancement in bone augmentation
The 14th Asian Pacific Association of Periodontology, Bangkok Thailand
- 2022 Aug Surgical management of peri-implantitis defects
Thai Society of Periodontology annual meeting, Bangkok Thailand

- 2022 Sept. Peri-implantitis: Remove or regenerate
American Academy of Implant Dentistry 2022 annual meeting
Zero in on zero complications: Dallas, TX
- 2022 Oct. Regeneration on peri-implantitis defects (Focus CE)
Use Er:YAG laser for the peri-implantitis surface disinfection: Rationale
and Outcome Assessment (Corporate Forum)
J Morita Corporate Forum, The American Academy of Periodontology
108th annual meeting, Phoenix, AZ.

A. RESEARCH GRANTS

A. PAST:

- 1989-1990 Biomedical Research Support Grant
Effect of PDGF on periodontal regeneration and attachment.
Principal investigator (10%)
- 1990-1992 Colla-Tec, Inc.
A study to evaluate periobarrier absorbable collagen membrane in new
attachment therapy in periodontal defects.
Principal investigator (10%)
- 1992 AADS/Warner-Lambert Clinical Research Fellowship
Evaluation of detoxifying agents for re-sterilization of failing implant.
Principal investigator (10%)
- 1993-1994 Collagenex Inc.
Low-dose Doxycycline for periodontal disease.
Co-Principal investigator (10%)
- 1993-1996 Procter and Gamble Company
Identification of cells and factors required to regenerate periodontal
tissues
Co-Investigator (5%)
- 1993-1994 Amdent® Company
Comparison of treatment efficiency in three different root
instrumentation modalities.
Principal investigator (10%)
- 1994-1996 THM Biomedical Company
The use of biodegradable poly D, L-lactic acid
barrier membranes (OSMED Epi-Guide™ and Guidor®)
in the treatment of periodontal furcation defects in humans.
*1994-1995, Co-Principal investigator (10%),
1995-1996, Principal investigator (12%)*
- 1995 Atrix Laboratories, Inc.
Clinical training program for the administration of

VR-303-ABS (Polymer formulation with Doxycycline hyclate, equivalent to 8.5% Doxycycline) into periodontal pockets.
Principal investigator (30%)

- 1995-1996 Atrix Laboratories, Inc.
A multi-center, parallel design, single-blind study comparing VR-303-ABS (Polymer formulation with Doxycycline hyclate, equivalent to 8.5% Doxycycline), VR-303-P (Vehicle control), scaling and root planing, and oral hygiene, in reducing the clinical signs associated with periodontitis.
Principal investigator (40%)
- 1996-1997 Atrix Laboratories, Inc.
A multi-center, parallel design, single-blind study comparing VR-303-ABS with Coe-Pak™ periodontal dressing, VR-303-ABS with Octylident™ periodontal adhesive, VR-303-P with Octylident™ periodontal adhesive in reducing the clinical signs associated with periodontitis.
Principal investigator (40%)
- 1996-1997 John O. Butler® Company
Use of an Bioresorbable matrix barrier (Guidor®) in the healing of third molar extraction sites.
Principal investigator (5%)
- 1996-1997 Calcitek, Inc.
Multicenter clinical evaluation of BioMend™ absorbable collagen membrane for the treatment of human gingival recession.
Overall Project Coordinator and Principal investigator (10%)
- 1997-1998 3M Health Care, Inc.
Effect of a single application of an experimental polymer on levels of subgingival periodontal pathogens in patients with periodontitis
Co-investigator (8%)
- 1997-1998 Atrix Laboratories, Inc.
A multi-center, randomized, parallel design, single-blind study comparing the Atrisorb® barrier formed both in situ over DFDBA and using the barrier forming kit over DFDBA to DFDBA alone for treatment of class II furcation defects.
Principal investigator (17%)
- 1998-1999 OraPharma, Inc.
Multicenter phase 3 trial of minocycline periodontal therapeutic system (Minocycline PTS): Adjunctive use in patients with adult periodontitis
Co-investigator (5%)
- 1998-2000 Stryker Biotech
A pilot study of NOVO-perio treatment for class II furcation defects
Principal investigator (40%)
- 1999-2000 Diamond General Development Corp.

- Relationship of sulcular sulfide level to periodontal measurements, oral malodor & BANA test
Principal investigator (5%)
- 1999-2000 Diamond General Development Corp.
Effect of periodontal treatment upon sulcular sulfide level and oral malodor
Principal investigator (5%)
- 1999-2001 Stryker Biotech (Additional Funding)
A pilot study of NOVO-perio treatment for class II furcation defects
Principal investigator (30%)
- 2001-2002 Stryker Biotech (Additional Funding – 2-year patient follow-up)
A pilot study of NOVO-perio treatment for class II furcation defects
Principal investigator (2%)
- 2001-2002 HoMedics
Safety and efficacy of a new sonic toothbrush:
A randomized controlled human clinical trial
Co-investigator (20%)
- 2001-2002 Straumann Dental USA
Effect of immediate loading upon ITI one-stage implant system
Principal investigator (4%)
- 2000-2005 General Clinical Research Center, University of Michigan, School of Medicine
Intraoral grafting of ex vivo produced oral mucosa composites
FDA - IND; 10118
Co-investigator (5%)
- 2002-2003 Advanced Tissue Science, Inc., (Suspended 11/14/02 – company filed bankrupt)
A prospective, multicenter, randomized, single-masked, controlled, clinical investigation of Dermagraft® as a substitute for a connective tissue graft
Co-investigator
- 2001-2003 BioHorizons Inc., and International Congress of Oral Implantologists Student Research Award
Effects of implant thread geometry on strength of osseointegration and the bone-implant interface
(For graduate student: Dr. Jennifer Steigenga -- Primary Faculty mentor)
- 2003-2004 Delta Dental Fund
The effect of platelet-rich plasma on coronally advanced flap root coverage procedure
(Primary Faculty mentor)
- 2004-2005 Dentsply, Ceramed Dental Division
Effect of a putty form anorganic bovine-derived Hydroxyapatite matrix combined with the synthetic cell

- binding peptide p-15 on socket augmentation
(Principal investigator)
- 2004-2005 Eli Lilly and Company
Impact of PTH on osseous regeneration in the oral cavity
(Co-Investigator)
- 2004-2006 Delta Dental Fund
The use of adjunctive systemic azithromycin with periodontal surgery in the treatment of chronic periodontitis in smokers
(Primary Faculty mentor)
- 2004-2006 Pfizer Inc.
The use of adjunctive systemic azithromycin with periodontal surgery in the treatment of chronic periodontitis in smokers
Principal investigator
- 2004-2006 Zimmer Inc.
The effect of J-block on alveolar ridge augmentation
Principal investigator (5%)
- 2005-2006 BioHorizons Inc.
Effect of one-piece narrow diameter implants for the replacement of maxillary lateral and mandibular incisors
Principal investigator (1%)
- 2005-2007 BioHorizons Inc.
Root coverage with Alloderm: A comparison of coronally advanced flap versus tunneling technique
Principal investigator (2%)
- 2005-2008 Dentatus USA, Ltd.
Dentatus implant study (Clinical evaluation the effect of ANEW implants)
Principal investigator (2%)
- 2005-2008 Zimmer Dental Inc.
Clinical and histologic evaluation of Puros allograft for treatment of ridge defects
Principal investigator: 5%
- 2008-2010 Astra USA
Gift unrestricted grant
Total cost: 150,000 (\$50,000/year)
- 2008-2010 BioHorizons Inc.
The influence of dimensional anatomic variables on the outcomes of maxillary sinus grafting procedures
Principal investigator (5%)
- 2008-2010 BioHorizons Inc.
Clinical evaluation of MinerOss and BioHorizon tapered

- internal implants during immediate placement
Principal investigator (12%)
- 2008-2010 Zimmer Dental Inc.
Multi-center, post-market, prospective, randomized, examiner-only-masked study of root coverage with Acellular dermal matrix: Puros® Dermis versus Alloderm®
Principal investigator: 12%
- 2008-2010 Zimmer Dental Inc.
Clinical Evaluation of Guided Bone Regeneration in Horizontally Challenged Edentulous Ridges During Implant Placement Surgery
Principal investigator: 5% (Primary research mentor)
- 2008-2010 Zimmer Dental Inc.
Comparison of Guided Bone Augmentation and Block Graft for Vertical Ridge Augmentation in the Posterior Mandible
Principal investigator: 5% (Primary research mentor)
- 2008-2010 Rackham Graduate School Research Support Fund
Clinical Evaluation of Guided Bone Regeneration in Horizontally Challenged Edentulous Ridges During Implant Placement Surgery
(Primary Faculty mentor)
- 2008-2010 Bunting Study Club
Clinical Evaluation of Guided Bone Regeneration in Horizontally Challenged Edentulous Ridges During Implant Placement Surgery
(Primary Faculty mentor)
- 2008-2010 Delta Dental Fund
Clinical Evaluation of Guided Bone Regeneration in Horizontally Challenged Edentulous Ridges During Implant Placement Surgery
(Primary Faculty mentor)
- 2008-2010 NIH SBIR grant
Novel dental implants will improve healing through oriented fluorapatite (FA) coatings
(Consultant)
- 2009-2010 Osteogenics BioMedical, Inc
Analysis of the effectiveness of a novel technique for socket augmentation
Unrestricted gift grant
Co-PI
- 2009-2011 Astra Tech
The effect of flapless surgery on single-tooth implants in the esthetic zone: A randomized clinical trial
Co- PI: 5%
- 2010-2012 Bimet3i
Gift unrestricted grant

Center Director

- 2010-2012 BioHorizon Inc.,
Gift unrestricted grant for graduate student research
Center Director
- 2011-2013 Rackham Graduate School Research Support Fund
Evaluation of necessity of initial non-surgical periodontal therapy in the
management of deep pockets
(Primary Faculty mentor)
- 2011-2013 Rackham Graduate School Research Support Fund
Implant associated ridge defects in the anterior maxilla: A therapeutic
comparison between subepithelial connective tissue graft and acellular
dermal matrix allograft
(Primary Faculty mentor)
- 2010-2012 Bimet3i
The effect of immediate implant placement and provisionalization in the
esthetic zone. A randomized clinical trial.
Co- PI: 5% (Pending)
- 2011-2013 Bunting Study Club
Evaluation of necessity of initial non-surgical periodontal therapy in the
management of deep pockets
(Primary Faculty mentor)
- 2011-2013 Delta Dental Fund
Evaluation of necessity of initial non-surgical periodontal therapy in the
management of deep pockets
(Primary Faculty mentor)
- 2011-2012 Dentium Co. Ltd
The effect of platform switching with flapless surgery on early-loaded
single-tooth implants in the esthetic zone. A randomized clinical trial
Co- I: 2%
- 2012-2014 MC3 Inc. (Direct) & NIH (Prime)
Novel dental implants will improve healing through orientated fluorapatite
(FA) coatings (Phase II)
Co- I: 10%
- 2012-2014 Osteogenics BioMedical, Inc
Gift unrestricted grant for graduate student research
Center Director
- 2012-2014 University of Michigan OVPR and Shanghai Jiao Tong University -
Collaboration on Biomedical Technologies
The molecular characteristics, physicomechanical properties and
biocompatibility of the novel nano-FHA/PEEK composites
PI: 5% (Not funded)

2013-2014	Bimet3i Gift unrestricted grant Center Director
2013-2014	AAID (American Academy of Implant Dentistry) research award James Mailoa: Evaluation of the Possible Role of Vertical Implant Position as a Risk Factor of Marginal Bone Loss (Faculty mentor)
2013-2014	AAID (American Academy of Implant Dentistry) research award Vahid Khoshkam: Radiographic and Clinical Outcomes of Regenerative Procedures for Treating peri-implantitis: A systematic review and meta-analysis. (Faculty mentor)
2013-2014	Rackham Graduate School Research Support Fund A Randomized Controlled Trial Comparing Immediately Placed Implants with Immediate Provisionalization versus Delayed Restoration (Faculty mentor)
2012-2016	Bimet3i The effect of immediate implant placement and provisionalization in the esthetic zone. A randomized clinical trial. <i>Co- PI: 5%</i>
2014	National Institute of Health (OsteoVantage) Osteogenic Dental Implant for Alveolar Ridge Augmentation NIH SBIR Phase I <i>Consultant</i>
2015	National Institute of Health Michigan Regenerative Medicine Resource Center NIH R34 (Submitted) <i>Consultant</i>
2016-2019	Colgate Care Program Vertical tooth movement adjacent to single implant restorations in the esthetic area. A retrospective study Mentor: 5% (no salary)
2013-2018	NeoBiotech Gift unrestricted grant for graduate student research Center Director
2015-2017	Delta Dental Fund The Influence of Mucosa Tissue Thickness on Marginal Bone Loss of Implants with Smooth Collars: A Prospective Controlled Trial (Primary Faculty mentor)
2016-2019	Osseointegration Foundation, Academy of Osseointegration The influence of mucosa tissue thickness on marginal bone loss of implants with smooth collars: A prospective controlled trial

PI: 5%

- 2017-2019 Dentsply
Dentsply PEERS Program
Center Director
- 2017-2019 ICOI Implant Dentistry Research (IDREF)
Vertical tooth movement adjacent to single implant restorations in the
esthetic area
ICOI Implant Dentistry Research (IDREF)
Principal Investigator
- 2017-2019 J.Morita
Laser-assisted surgical therapy for peri-implantitis: A Randomized
Controlled Clinical Trial
Co-investigator and Consultant: 5%
- 2018-2019 Kuwait Foundation for the Advancement of Science
Facial Mucosal Level Determinants for Single Implants Evaluated by
Novel Ultrasonography
PI: 2%
- 2017-2019 National Institute of Health
Michigan Regenerative Medicine Resource Center
NIH R34
Consultant
- 2020 MTRAC life Science
Bone Inductive Membrane for Alveolar Ridge Augmentation
Principal Investigator: 6% (Primary research mentor)

B. PRESENT

- 2017-present Delta Dental Fund
Relationship between peri-implantitis and cardiovascular disease
PI: 10%
- 2018-present Delta Dental Fund
Comparison of Envelope Coronally Advanced Flap and Modified
Tunnel Technique for the Treatment of Soft Tissue Dehiscence
around Implants: A Randomized Clinical Trial
PI: 10%
- 2019-present J.Morita
Therapeutic Peri-implant Maintenance with Laser Therapy
An extension of the LARST Study
Co-investigator: 5%
- 2019-2022 Zimmer/Biomet 3i
Short dental implants (5 mm) versus Long dental implants (10 mm) in
combination with sinus floor elevation: A Randomized Clinical Trial
Co-investigator: 5% (Primary research mentor)

- 2019-2022 Snoasis
The “Open Wound Bone Augmentation Concept” with Amnion-Chorion Membrane: A Randomized Controlled Trial
Principal investigator: 5% (Primary research mentor)
- 2019-2020 ICOI Implant Dentistry Research (IDREF)
Peri-implant microbiome and surface topography in peri-implantitis
ICOI Implant Dentistry Research (IDREF)
Principal Investigator
- 2019-2021 BonDent
BonDent Implant Fellow Program
Center Director
- 2020-2022 Delta Dental Fund
The effect of recombinant human Platelet-derived growth factor in combination with collagen matrix for the treatment of multiple adjacent gingival recessions: A Randomized Clinical Trial
Co-Investigator: 2%
- 2020-2022 POM research support grant
The effect of recombinant human Platelet-derived growth factor in combination with collagen matrix for the treatment of multiple adjacent gingival recessions: A Randomized Clinical Trial
- 2021-2022 Osseointegration Foundation, Academy of Osseointegration
Impact of supracrestal tissue height on peri-implant health: 3-year follow-up from a prospective controlled trial
Co-I: no effort
- 2021-2023 Osteogenics Biomedical
Regenerative treatment of peri-implantitis: A comparison of the reinforced PTFE mesh and the collagen membrane in the submerged approach: a randomized controlled clinical trial
Co-investigator: 3% (Primary research mentor)
- 2022-2023 Delta Dental Fund
Recombinant Human Platelet-Derived Growth Factor versus platelet-rich fibrin to treat gingival recessions with an allogenic dermal matrix, compared to the connective tissue graft.
Principal Investigator (2%)
- 2022-2024 Delta Dental Fund
Characterization of the Healthy Peri-Implant Mucosa
Principal Investigator & Primary Faculty mentor

C. PATENTS

- March 2019 Intra-oral scanning tooth displacement systems and methods
(U.S. Provisional Patent Application Serial No. 62/822,171)

April 2020 Methods and systems for obtaining hinge axis position and condyle guide inclination from a patient (U.S. Provisional Patent Application Serial No. 63/012.542)

X. PUBLICATIONS

- h index: 119, total citation: 51,544 (Google Scholar, as of 1-6-2023)
- h-index: 78, total citation: 24,650 (Scopus, as of 1-6-2023)

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106. Mailoa J, Khoshkam V, Li J, **Wang H-L**, Chan HL. Evaluation of the Possible Role of Vertical implant position as a risk factor of marginal bone Loss. U of Michigan, 2014 Research Day.
107. Lin GH, **Wang H-L**, Chan HL. Socket augmentation with PTFE membrane in an open wound approach: A report of four cases. Taiwan National Dental Association annual meeting, 2014.
108. Camara C, Monje A, Gargallo-Albiol, Satorres-Nieto, **Wang H-L**, Hernandez-Alfaro. Influence of Coe-Pack on guided bone augmentation around dental implants. 2014 3rd International Congress of Spanish Society of Oral Implantologists, Granada, Spain, Research poster competition
109. Suartz F, Monje A, Chan H-L, Benavides E, Galindo-Moreno P, **Wang H-L**. Palatonasal recess on medial wall of maxillary sinus and clinical implications for sinus augmentation via lateral window approach. 2014 3rd International Congress of Spanish Society of Oral Implantologists, Granada, Spain, Research poster competition
110. Monje A, González-García R, Monje F, Suartz F, Galindo-Moreno P, O'Valle F, **Wang H-L**. Microarchitectural pattern of the pristine maxillae. 2014 3rd International Congress of Spanish Society of Oral Implantologists, Granada, Spain, Research oral communication competition (3rd prize)
111. Li JY, **Wang H-L**, Chen H-L. Autogenous bone collection in the mandible with a novel device: A technique note. University of Michigan, 10th Ramfjord symposium. Abstract p-21

112. Monje A, Suartz F, Koshkam V, Galindo-Moreno P, Chen H-L, **Wang H-L**. Influence of atrophic posterior maxillae ridge height upon bone density and microarchitectural: A micro-CT and CBCT radiographic bone density study. University of Michigan, 10th Ramfjord symposium. Abstract p-27
113. Lin GH, **Wang H-L**, Chen H-L. Socket augmentation with intentionally exposed PTFE membrane: A case report. University of Michigan, 10th Ramfjord symposium. Abstract p-30
114. Rodriguez J, Avila-Ortiz G, Rudek I, Rios H, **Wang H-L**. Evaluation of a novel socket grafting technique and material for alveolar ridge preservation: A pilot study. University of Michigan, 10th Ramfjord symposium. Abstract p-33
115. Rodriguez JC, Suárez Lopez del Amo F, Chan H-L, Padial-Molina M, **Wang H-L**. Implants for orthodontic anchorage: Success rates and reasons of failures University of Michigan, 10th Ramfjord symposium. Abstract p-34
116. **Wang H-L**, Garaicoa-Pazmino C, Chan H-L. Sugai A, Collins A, Ong R, Chudri R, Giannobile W. Peri-implant crevicular fluid biomarkers and microbiological profile of peri-implantitis affected implants. University of Michigan, 10th Ramfjord symposium. Abstract p-36
117. Hsu Y-T, Chan H-L, Rudek I, Bashutski J, **Wang H-L**, Oh TJ. The effect of platform switching on single implants in the esthetic zone, following flapless surgery and early-loading protocols. AAP 2014 annual meeting poster presentation
118. **Wang H-L***, Romanos GE, Gerus NC, Sullivan A, Suárez Lopez del Amo F, Wen HB, Bradbury K, Collins MS, Eber R. Comparison of two differently processed acellular dermal matrix products for root coverage procedures: A prospective randomized multi-center study. AAP 2014 annual meeting poster presentation.
119. Mailoa J, Khoshkam V, Li J, **Wang H-L**, Chan HL. Evaluation of the Possible Role of Vertical implant position as a risk factor of marginal bone Loss. 2014 AAID annual meeting, research poster presentation
120. Khoshkam V, Monje A, Suárez Lopez del Amo F, **Wang H-L**. Regenerative Procedures for Management of Peri-implant Intrabony Defects: Where Are We Now? A systematic review. 2014 AAID annual meeting, research poster presentation (3rd place overall)
121. Hierro-Oliver M, Monje A, Gonzalez-García R, Fernández-Calderon M, Suárez Lopez del Amo F, Galindo-Moreno P, **Wang H-L**, Monje F, Gonzalez-Martin M. SEM and XPS surface study of five clinically retrieved titanium dental implants. 2014 European Society of Orthopedic Research annual meeting, Poster presentation
122. Rodriguez J, Avila-Ortiz G, Rudek I, Rios H, **Wang H-L**. Evaluation of a novel socket grafting technique and material for alveolar ridge preservation: A pilot study. Oral presentation **winner**, 2014 Bunting Periodontal Study Club, Ann Arbor, MI.
123. Monje A, González-García R, Monje F, Suartz F, Galindo-Moreno P, O'Valle F, **Wang H-L**. Microarchitectural pattern of the pristine maxillae. Oral presentation **winner**, 2014 Bunting Periodontal Study Club, Ann Arbor, MI.

124. Suartz F, Chan H-L, Monje A, Benavides E, **Wang H-L**. Anatomical considerations of maxillary incisors region for implant placement: A Cone-beam computed tomography study. Oral presentation [winner](#), 2014 Bunting Periodontal Study Club, Ann Arbor, MI.
125. Suartz F, Rudek I, Martins MD, Squarize CH, Giannobile W, **Wang H-L**, Castilho RM. Titanium-induced DNA damage in oral epithelium cells. U of Michigan, 2013 Research Day, P-53.
126. Garaicoa C, **Wang H-L**, Chen HL, Collins A, Ong H-S, Chudri R, Glannobile W. Protein biomarkers and microbial profiles in peri-Implantitis. Midwest Society of Periodontology Graduate Research Competition, 2015 [Honorable](#) mention, Chicago, IL.
127. Rodriguez JC, Padial-Molina M, Volk S, Gonzalez- Cabezas C, Kaigler D, **Wang H-L**, Kapila Y, Rios H. The effect of periostin on periodontal wound healing. Midwest Society of Periodontology Graduate Research Competition, 2015 [winner](#), Chicago, IL.
128. Garaicoa C, **Wang H-L**, Chen HL, Collins A, Ong H-S, Chudri R, Glannobile W. Protein biomarkers and microbial profiles in peri-Implantitis. Oral presentation [winner](#), 2015 Bunting Periodontal Study Club, Ann Arbor, MI.
129. Garaicoa C, **Wang H-L**, Chen HL, Collins A, Ong H-S, Chudri R, Glannobile W. Protein biomarkers and microbial profiles in peri-Implantitis. AAP 2015 annual meeting research poster presentation, Orlando, FL
130. Chiang Y-C, Sheridan RA, Sutthiboonyapan P, Decker AM, **Wang H-L**, Chan H-L. The Effect of Implant-induced Artifacts on Interpreting Adjacent Bone Structures on Cone-Beam Computed Tomography Scans. U of Michigan, 2016 Research Day.
131. Insua A, Monje A, Chan H-L, Zimmo N, Shaikh L, **Wang H-L**. Accuracy of Schneiderian Membrane Thickness: A Cone-Beam Computed Tomography Analysis with Histologic Validation. U of Michigan, 2016 Research Day.
132. Insua A, Monje A, Chan H-L, Zimmo N, Shaikh L, **Wang H-L**. Accuracy of Schneiderian Membrane Thickness: A Cone-Beam Computed Tomography Analysis with Histologic Validation. ICOI/SCOI 31st World Congress meeting, Oral Presentation (winner of 1st place).
133. Mailoa J, Kripfgans OK, **Wang H-L**, Giannobile W, Chan HL. Real-time sonography for planing of implant surgery: A pilot study. 2016 AAID annual meeting, research poster presentation
134. Insua A, Monje A, Chan H-L, Zimmo N, Shaikh L, **Wang H-L**. Accuracy of Schneiderian Membrane Thickness: A Cone-Beam Computed Tomography Analysis with Histologic Validation. ICOI/SCOI 31st World Congress meeting, Oral Presentation (winner of 1st place).
135. Mailoa J, Kripfgans OK, **Wang H-L**, Giannobile W, Chan HL. Real-time sonography for planing of implant surgery: A pilot study. 2016 AAID annual meeting, research poster presentation
136. Insua A, Monje A, Chan H-L, Zimmo N, Shaikh L, **Wang H-L**. The Schneiderian Membrane-Lateral Wall Complex: Histological description and Clinical Implications for

- Maxillary Sinus Augmentation. AAP 2016 annual meeting research poster presentation, San Diego, CA
137. Monje A, **Wang HL**. Biological and physical properties of bone block substitute biomaterials for ridge augmentation. 2017 6th International Congress of Spanish Society of Oral Implantologists, Granada, Spain, Research oral communication competition
 138. **Wang HL**. The Influence of Mucosa Thickness on Marginal Bone Loss of Implants with Smooth Collars: A Prospective Controlled Trial. Academy of Osseointegration 2017 Research Oral Presentation, Orlando, FL.
 139. Tavelli L, Borgonovo AE, Tiziano T, **Wang H-L**. Analysis of forces applied during transalveolar sinus lift: A preliminary study and classification of the membrane perforation risk. Italian Academy of Osseointegration, 2017 Poster Presentation, Italy.
 140. Wang I, Chan H-L, George F, Suárez Lopez del Amo F, **Wang H-L**. 3D volumetric tissue changes on immediate implants with or without immediate provisionalization. 2018 Research Day. Poster #4 (Finalist) 1st prize MS student group (clinical science category)
 141. Chen ZZ, Li JY, Sinjab K, Mendonsa G, Gargallo Albiol J, Yu H-Y, **Wang H-L**. Accuracy of flapless immediate implant placement in anterior maxilla between computer-assisted and freehand surgery: a cadaver study. U of Michigan, 2018 Research Day. Poster #6 (Finalist) 2nd prize post-doc/faculty/Ph D (clinical science category)
 142. Lin C-Y, Chen Z-Z, Pan W-L, **Wang H-L**. Assessing Time and Timing of soft tissue augmentation in clinical outcomes: A systematic review and meta-analysis. U of Michigan, 2018 Research Day. Poster #7
 143. Ravidà A, Barootchi S, Tattan M, Saleh M, Gargall-Albiol J, **Wang H-L**. Clinical outcomes and cost effectiveness of implant-retained hybrid prostheses: a retrospective analysis of computer-guided versus conventional treatment protocols. U of Michigan, 2018 Research Day. Poster #8
 144. Li JY, Chen ZZ, Mendonsa G, Chan H-L, Sinjab K, **Wang H-L**. Effectiveness of using implant fixture as a ridge expander: A cadaver stud. U of Michigan, 2018 Research Day. Poster #20
 145. Tavelli L, Barootchi S, Nguyen T, Tattan M, Ravidà A, Wang H-L. Efficacy of tunnel technique in the treatment of localized and multiple gingival recessions: a systematic review and a meta-analysis. Submitted for publication in *J Periodontol*, January 2018. U of Michigan, 2018 Research Day. Poster #21
 146. Tavelli L, Barootchi S, Ravidà A, Suárez-López del Amo F, Rasperini G, **Wang H-L**. Influence of Suturing Technique on Marginal Flap Stability Following Coronally Advanced Flap: A Cadaver Study. U of Michigan, 2018 Research Day. Poster #25
 147. Ashnagar S, Barootchi S, Ravidà A, Tattan M, **Wang H-L**, Wang J. Long-term survival of tooth preservation after crown lengthening procedure: A retrospective analysis. 2018 Midwest Society of Periodontology, Graduate Student Research Forum. Poster #27
 148. Saleh M, Ravidà A, Suárez Lopez del Amo F, Lin G-H, Asaad F, **Wang H-L**. The effect of implant-abutment junction position on crestal bone loss. A systematic review and

- meta-analysis. U of Michigan, 2018 Research Day. Poster #39 (Finalist) 3rd prize post-doc/faculty/Ph D (clinical science category)
149. Chan HL, Tattan M, Wang H-L, Giannobile W, Kripfgans O. Three-Dimensional Ultrasonography of Alveolar Ridge Surface: A Proof of Principle Pre-Clinical Study. U of Michigan, 2018 Research Day. Poster #42 1st prize post-doc/faculty/Ph D (clinical science category)
 150. Wang I, Chan H-L, George F, Suárez Lopez del Amo F, **Wang H-L**. 3D volumetric tissue changes on immediate implants with or without immediate provisionalization. 2018 Midwest Society of Periodontology, Graduate Student Research Forum.
 151. Ashnagar S, Barootchi S, Ravidà A, Tattan M, **Wang H-L**, Wang J. Long-term survival of tooth preservation after crown lengthening procedure: A retrospective analysis. 2018 Midwest Society of Periodontology, Graduate Student Research Forum.
 152. Chan H-L, Wang I, George F, Suárez Lopez del Amo F, Kinney J, **Wang H-L**. Facial Vertical Tissue Dimensions of Single Immediate Implants with and without Immediate Provisionalization: A Randomized Controlled Trial. 33rd annual meeting, Academy of Osseointegration, 2018 Oral Presentation, Los Angeles, CA.
 153. Wang I, Chan H-L, George F, Suárez Lopez del Amo F, **Wang H-L**. Volumetric and Linear Analysis of Tissue Changes on Immediate Implants with or without Immediate Provisionalization: A Randomized Controlled Trial. 33rd annual meeting, Academy of Osseointegration, 2018 Oral Presentation, Los Angeles, CA.
 154. Chan HL, Sinjab K, Li JY, Chen ZZ, Wang H-L, Giannobile W, Kripfgans O. Peri-implant Bone Dimensions Using Non-invasive Real-time Ultrasonography. 2018 AADR/CADR Annual Meeting & Exhibition. Oral presentation, ID#: 2849175, Ft. Lauderdale, Florida
 155. Polymeri A, Li Q, Loos BG, **Wang H-L**. Development of infra position of single implant supported restorations in anterior maxilla of adult patients overtime: A retrospective radiographic analysis. European Federation of Periodontology, 2018 annual meeting, Poster presentation, Amsterdam, Netherlands.
 156. Chen Z, Li J, Sinjab K, Mendonca G, **Wang H-L**, Barone A. Accuracy of Flapless Immediate Implant Placement in Anterior Maxilla Using Computer-assisted Versus Freehand Surgery: A Cadaver Study. University of Michigan 2018 Ramfjord biannual symposium, Oral presentation (O-1), Ann Arbor, MI.
 157. Barootchi S, Ravidà A, Tattan M, Ashnagar S, **Wang H-L**, Wang J. Prognostic Factors for Long-Term Preservation of Dentition After Crown Lengthening Procedure. University of Michigan 2018 Ramfjord biannual symposium, Oral presentation (O-2), Ann Arbor, MI.
 158. Tattan M, Sinjab K, Arnett M, Oh TJ, **Wang H-L**, Chan H-L, Kripfgans O. Point-of-care ultrasonography for evaluating periodontal structures: A human study pilot study. University of Michigan 2018 Ramfjord biannual symposium, Oral presentation (O-5), Ann Arbor, MI. (1st prize)
 159. Gianfilippo R, Valente N, Toti P, **Wang H-L**, Barone A. The influence of mucosa thickness prior to implant placement on marginal bone loss: a systematic review with

- meta-analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-1), Ann Arbor, MI.
160. Houssam Askar VP, Rayyan M, **Wang H-L**. Clinical and Radiographic Evaluation of Crown Margin Shifting Concept: A New Technique for Re-establishing the Biological Width. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-2), Ann Arbor, MI.
 161. Ghassib I, Chen Z, F Zhu F, **Wang H-L**. Use of IL-1 β , Il-6 and TNF α Biomarkers to Distinguish Peri-implant Diseases. A Systematic Review and Meta-analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-3), Ann Arbor, MI.
 162. Polymeri A, Li Q, Laine ML, Loos BG, **Wang H-L**. Long-term Incisal Plane Change of Single Implant Supported Crowns in Anterior Maxilla; A Retrospective Radiographic Analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-6), Ann Arbor, MI.
 163. Gargallo-Albiol J, Charafeddine M, Lucas-Taule E, Barroso-Panella A, Hernandez-Alfaro F, **Wang H-L**. Peri-implant Buccal Tissue Contour Following Guided Bone Regeneration in the Aesthetic Zone: A Pilot Case Series. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-12), Ann Arbor, MI.
 164. Saleh M, Ravidà A, Suárez Lopez del Amo F, Lin G-H, Asaad F, **Wang H-L**. The effect of implant-abutment junction position on crestal bone loss. A systematic review and meta-analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-13), Ann Arbor, MI.
 165. Lin C-Y, Chen Z-Z, Pan W-L, **Wang H-L**. The efficacy of supportive post-implant treatment in preventing peri-implant diseases and implant loss: A Systematic review and Meta-analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-15), Ann Arbor, MI.
 166. Tavelli L, Barootchi S, Cairo F, Rasperini J, **Wang H-L**. Short and Long Term Stability of Root Coverage Procedures: A Network Meta-Analysis. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-16), Ann Arbor, MI.
 167. Sinjab K, Chen ZZ, Mendoca G, **Wang H-L**, Li JY. Reduction of artifacts around metallic restorations during computer guided implant planning: A Short Communication. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-18), Ann Arbor, MI.
 168. Bushahri A, George F, **Wang H-L**, Chan H-L, Kripfgans O. Ultrasonography to Evaluate peri-implant tissues for monitoring peri-implant tissue changes after immediate implant placement: A human study pilot study. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-20), Ann Arbor, MI.
 169. Sirinirund A, Garaicoa-Pazmino C, **Wang H-L**. Topographic Changes and Effectiveness of Artificial Calculus Removal After Dental Implant Instrumentation. An in Vitro Study. University of Michigan 2018 Ramfjord biannual symposium, Poster presentation (P-21), Ann Arbor, MI.

170. Wang J, Ashnagar S, Barootchi S, Ravidà A, Tattan M, **Wang H-L**. Long-term survival of tooth preservation after crown lengthening procedure: A retrospective analysis. AAP 2018 annual meeting (Poster competition)
171. Wang J, Ashnagar S, Barootchi S, Ravidà A, Tattan M, **Wang H-L**. Long-term survival of tooth preservation after crown lengthening procedure: A retrospective analysis. AAP 2018 annual meeting (Poster competition)
172. Ashnagar S, Wang C-W, Gianfilippo R, Arnett M, Kinney J, Gannobile W, **Wang H-L**. Laser-assisted regenerative treatment of peri-implantitis- a pilot randomized clinical trial. U of Michigan, 2019 Research Day (abstract 15)
173. Wang C-W, Gianfilippo R, Hao Y, Ashnagar S, Xie Y, **Wang H-L**, Gannobile W, Lei Y-L. The Immunolandscape of Peri-implantitis Associates with Disease Severity, U of Michigan, 2019 Research Day (abstract 18) - [Poster presentation – Basic science and research \(2nd prize\)](#)
174. Qazi A, Alassadi M, Ravidà A, Siquiera R, Garaicoa-Pazmino C, **Wang H-L**. Root Resection Therapy for Furcation-Involved Teeth: A Long-Term Retrospective Study of Patients Undergoing Periodontal Treatment in an Academic Setting. U of Michigan, 2019 Research Day (abstract 31)
175. Saleh I, George FM, **Wang H-L**, Chan H-L, Hariri S, Palatal access flap (PAF) for minimally invasive implant placement to preserve facial tissues. U of Michigan, 2019 Research Day (abstract 72)
176. Tavelli L, Barootchi S, Gianfilippo R, Modarressi M, Rasperini J, Cairo F, **Wang H-L**. Acellular dermal matrix and coronally advanced flap or tunnel technique in the treatment of multiple adjacent gingival recessions. A 6-month randomized clinical trial and a 12-year follow-up. U of Michigan, 2019 Research Day (abstract 73) [Oral presentation – Clinical application and technique \(2nd prize\)](#)
177. Ravidà A, Tattan M, Saleh M, Barootchi S, Tavelli L, **Wang H-L**. Comparison of Three Different Types of Fixed Partial Implant Prosthesis: A Long-Term Retrospective Study of Clinical Outcomes and Cost Effectiveness. U of Michigan, 2019 Research Day (abstract 74)
178. *Majzoub J*, Barootchi S, Tavelli L, **Wang H-L**. Long-term clinical and radiographic outcomes of guided tissue regeneration and predictors of stability: a retrospective study in an academic setting. U of Michigan, 2019 Research Day (abstract 75) [Oral presentation – Clinical application and technique \(1st prize\)](#)
179. Askar H, Gianfilippo R, Ravidà A, Tattan M, *Majzoub J*, **Wang H-L**. Classification of Postoperative Complications in Oral and Periodontal Surgeries. U of Michigan, 2019 Research Day (abstract 76)
180. Hariri S, Tavelli L, Barootchi S, Chan H-L, Brzezinski D, Danciu T, **Wang H-L**. The influence of palatal harvesting techniques on the donor site vascular injury: a split-mouth comparative cadaver study. U of Michigan, 2019 Research Day (abstract 77) [Oral presentation – Clinical application and technique \(3rd prize\)](#)

181. Siquiera R, Santos P, Ravidà A, **Wang H-L**. Influence of implant position in insertion torque and implant stability quotient (ISQ) and correlation between methods: in vitro study. U of Michigan, 2019 Research Day (abstract 78)
182. Januario AI, Quirino TAB, Moura GF, Resende CCD, Rizzante FAP, Gonzaga FAP, Razzogg M, George F, **Wang H-L**, Neves FD, Mendonça G. Accuracy of different 3D printer for a digital model impression. U of Michigan, 2019 Research Day (abstract 79)
183. Della Vecchia MP, Resende CCD, Quirino TAB, Moura GF, Rizzante FAP, Gonzaga FAP, Razzogg M, George F, **Wang H-L**, Neves FD, Mendonça G. Comparison of accuracy of 3D printed models using three different printing layer parameters. U of Michigan, 2019 Research Day (abstract 80)
184. Roselino LMR, Quirino TAB, Moura GF, Resende CCD, Rizzante FAP, Gonzaga FAP, Razzogg M, George F, **Wang H-L**, Neves FD, Mendonça G. Accuracy of conventional and digital methods for obtaining dental impressions and 3D printed models. U of Michigan, 2019 Research Day (abstract 81)
185. Ghassib I, Wang I-C, Askar H, Wang C-W, **Wang H-L**. Association Between Periodontitis and Medication Consumption: A Case-control Study. U of Michigan, 2019 Research Day (abstract 83) [Poster presentation – Clinical application and technique \(2nd prize\)](#)
186. Ganadely N, Inglehart M, & Gisele Neiva G, Shinawi L, Sweier D, **Wang H-L**. Saudi General vs. Specialized Dentists' Peri-implantitis-related Knowledge, Attitudes and Behavior. U of Michigan, 2019 Research Day (abstract 98)
187. Wang I-C, Chan H-L, George F, Suárez López del Amo F, Kinney J, **Wang H-L**. A Randomized Controlled Trial to Compare Clinical Esthetic Outcomes of Immediately Placed Implants with and without Immediate Provisionalization. 2019 Midwest Society of Periodontology, Graduate Student Research Forum. Poster presentation
188. Ravidà A, Barootchi S, Tattan M, Saleh M, Gargall-Albiol J, **Wang H-L**. Clinical outcomes and cost effectiveness of implant-retained hybrid prostheses: a retrospective analysis of computer-guided versus conventional treatment protocols. Academy of Osseointegration 2019 annual meeting, Oral Science-3
189. Barootchi S, **Wang H-L**. Socket Preservation Techniques to Avoid Invasive Bone Reconstruction. Academy of Osseointegration 2019 annual meeting, P-22 E-Poster competition
190. Barootchi S, Askar H, Ravidà A, **Wang H-L**. LongTerm Clinical Outcomes and Cost Effectiveness of FullArch Implant Supported ZirconiaBased and Metal Acrylic Fixed Dental Prostheses. Academy of Osseointegration 2019 annual meeting, P-23 E-Poster competition
191. Moura G, Siqueira RA, Maska B, Wang HL, Mendonca G. A digital technique for planning edentulous patients implant-supported rehabilitations: Case report. Academy of Osseointegration 2019 annual meeting, P-57 E-Poster competition
192. Sirinirund A, Garaicoa-Pazmino C, **Wang H-L**. Topographic Changes and Effectiveness of Artificial Calculus Removal After Dental Implant Instrumentation. An in Vitro Study.

University of Michigan 2018 Ramfjord biannual symposium, Academy of Osseointegration 2019 annual meeting, P-190 E- Poster competition.

193. Bianconi S, **Wang H-L**, Bianconi L, Del Fabbro M. Bone modifications around trabecular porous implants inserted with and without primary stability. A case series with 3 years of follow up. NYU Zimmer Symposium 2019. **(1st Price)**
194. Wang I-C, Askar H, Ghassib I, Wang C-W, **Wang H-L**. Association Between Periodontitis and Medication Consumption: A Case-control Study. 2019 IADR poster presentation (3182443)
195. Tavelli L, Barootchi S, Gianfilippo R, Modarressi M, Rasperini J, Cairo F, **Wang H-L**. Acellular Dermal Matrix and Coronally Advanced Flap or Tunnel technique. 2019 IADR presentation (3182847)
196. Tavelli L, Ravidà A, Cairo F, Rasperini G, Shedden K, **Wang H-L**. The effect of time on the root coverage outcomes. 2019 IADR presentation (3183503)
197. Ganadely N, Inglehart M, & Gisele Neiva G, Shinawi L, **Wang H-L**, Sweier D. Saudi General vs. Specialized Dentists' Peri-implantitis-related Knowledge, Attitudes and Behavior. 2019 IADR presentation (3186000)
198. Della Vecchia MP, Resende C, Barbosa T, Moura G, Rizzante F, Razzoog M, F. George F, Wang HL, Neves FD, Mendonca G. Accuracy of 3D Printed Models Using Different Printing Layer Parameters. 2019 IADR presentation (3185375)
199. Moura G, Barbosa T, Resende C, Meirelles LA, Rizzante F, Razzoog M, F. George F, Wang HL, Neves FD, Mendonca G. Accuracy of different 3D printers for a digital model impression. 2019 IADR presentation (3186712)
200. Wang I-C, Chan H-L, George F, Suárez López del Amo F, Kinney J, **Wang H-L**. A Randomized Controlled Trial Comparing Esthetic Outcomes of Immediately Implants With or Without Immediate Provisionalization. **2019 ISPRD- (1) Winner 1st price**
201. Tavelli L, Barootchi S, Gianfilippo R, Modarressi M, Rasperini J, Cairo F, **Wang H-L**. Acellular dermal matrix and coronally advanced flap or tunnel technique in the treatment of multiple adjacent gingival recessions. A 6-month randomized clinical trial and a 12-year follow-up. **2019-ISPRD- (3)**
202. Siquiera R, Savaget R, Santos P, Sartori I, **Wang H-L**, Fontão F. Long-term effect of different implant placement depths on crestal bone levels and soft tissue behavior: a randomized clinical trial. **2019 ISPRD- (11) Winner 2nd price**
203. Askar H, Gianfilippo R, Ravidà A, Tattan M, *Majzoub J*, **Wang H-L**. Incidence and Severity of Postoperative Complications Following Oral, Periodontal and Implant Surgeries: A Retrospective study. **2019-ISPRD- (12)**
204. Gianfilippo R, Wang C-W, Hao YI, Ashnagar S, Xie YY, **Wang H-L**, Gannobile W, Lei L-L. The Immunolandscape of Peri-implantitis Associates with Disease Severity. **2019-ISPRD-(16)**

205. Majzoub J, Barootchi S, Tavelli L, **Wang H-L**. Long-term clinical and radiographic outcomes of guided tissue regeneration and predictors of stability: a retrospective study in an academic setting. **2019-ISPRD- (20)**
206. Wang C-W, Ashnagar S, Gianfilippo R, Arnett M, Kinney J, Giannobile W, **Wang H-L**. Laser-assisted regenerative treatment of peri-implantitis- a pilot randomized clinical trial. **2019-ISPRD- (25)**
207. Barootchi S, Tavelli L, Gianfilippo R, Byun H, Oh TJ, **Wang H-L**. Long-term assessment of root coverage stability using connective tissue graft with or without an epithelial collar. A 12-year follow-up from a randomized clinical trial. **2019-ISPRD- (27)**
208. Gianfilippo R, Askar M, Henderson J, **Wang H-L**, Wang C-W. Examiner Calibration for Clinical Implant Studies: The Inter- and Intra- Operator Reliability. **2019-ISPRD- (31)**
209. Etikala A, Chan H-L, Velasquez D, Testori T, **Wang H-L**. Platelet Derived Growth Factor- GEM 21S® Enhancing Outcome of Microsurgery Assisted Ridge Augmentation. **ISPRD-LynchBiologics ResidentsCaseChallenge competition - Winner 2nd price**
210. Ravidà A, Qazi M, Troiano G, Saleh M, Greenwell H, Kornman KS, **Wang H-L**. Using Periodontal Staging and Grading System as a Prognostic Factor for Future Tooth Loss: A Long-Term Retrospective Study. Poster competition (#8) – finalist AAP 105th annual meeting 2019. **2nd price**
211. Gianfilippo R, Askar M, Henderson J, **Wang H-L**, Wang C-W. The Inter- and Intra-examiner measurement variability for clinical studies on dental implants: Analysis of Calibration sessions. Poster presentation (#14) – AAP 105th annual meeting 2019.
212. Gianfilippo R, Wang C-W, Hao YI, Ashnagar S, Xie YY, **Wang H-L**, Giannobile W, Lei L-L. The Immunolandscape of Peri-implantitis Associates with Disease Severity. Poster presentation (#24) – AAP 105th annual meeting 2019.
213. Ravidà A, Saleh I, Siqueira R, Garaicoa-Pazmino C, Saleh M, Monje A, **Wang H-L**. Influence of keratinized mucosa on the surgical therapeutical outcomes of peri-implantitis. Poster presentation (#60) – AAP 105th annual meeting 2019.
214. Meirelles L, Siqueira R, Garaicoa-Pazmino C, Yu S-H, Chan H-L, **Wang H-L**. Quantitative Tooth Mobility Evaluation Based on Intra-Oral Scanning. Poster presentation (#65) – AAP 105th annual meeting 2019.
215. Tavelli L, Barootchi S, Majzoub J, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Coronally advanced flap and connective tissue graft for treating a peri-implant soft tissue dehiscence in the esthetic zone. **2020 Michigan Periodontal Association annual meeting best soft tissue case.**
216. Gianfilippo R, **Wang H-L**, Chan H-L. Guided Bone Regeneration of Severe Ridge Atrophy after Impacted Canine Extraction. **2020 Michigan Periodontal Association annual meeting best hard tissue case.**
217. Tavelli L, Barootchi S, Majzoub J, Chan H-L, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Envelope Coronally Advanced Flap vs Tunnel technique in the treatment of mucosal recession at implant sites: Preliminary results from a

Randomized Clinical Trial. 3rd International Symposium – Soft Tissue Management around teeth and Implants ([Research Competition Prize 2020- winner 1st prize](#))

218. Wang CW, Hao Y, Gianfilippo R, Heath BR, Sigai J, Moghbeli T., Kornman K, **Wang H-L**, Xie Y, Giannobile W, Lei YL. Machine-learning-assisted characterization of the peri-implant immune atlas improves peri-implantitis risk grading. University of Michigan 2020 Research Day (abstract 4)
219. Askar H, Wang IC, Tavelli L, Chan H-L, **Wang H-L**. Peri-implant mucosal vertical dimension: Effect of implant and surgical characteristics. University of Michigan 2020 Research Day (abstract 17)
220. Barootchi S, Tavelli L, Gianfilippo R, Eber R, Zucchelli G, Martina S, **Wang H-L**. Long-term outcomes of Acellular Dermal Matrix in the treatment of isolated gingival recessions. A 9-year outcomes of a randomized clinical trial. University of Michigan 2020 Research Day (abstract 19)
221. Ravidà A, Troiano G, Qazi M, Saleh M, Russo LL, Greenwell H, Giannobile W, **Wang H-L**. Dose-dependent effect of smoking on periodontal-related tooth loss and “washout period” after smoking cessation in a 10-47-year maintained cohort. University of Michigan 2020 Research Day (abstract 28)
222. Misch J, Chadha S, Askar H, Chen ZZ, **Wang H-L**. Capnography monitoring in procedural sedation in Dentistry: A systematic review and a meta-analysis. University of Michigan 2020 Research Day (abstract 48)
223. Ravidà A, Qazi M, Troiano G, Saleh M, Greenwell H, Kornman KS, **Wang H-L**. Using Periodontal Staging and Grading System as a Prognostic Factor for Future Tooth Loss: A Long-Term Retrospective Study. University of Michigan 2020 Research Day (abstract 55) [Poster presentation – Clinical application and technique \(3rd prize\)](#)
224. Siqueira R, Ravidà A, Saleh I, Garaicoa-Pazmino C, Saleh M, Monje A, **Wang H-L**. Influence of keratinized mucosa on the surgical therapeutical outcomes of peri-implantitis. University of Michigan 2020 Research Day (abstract 58)
225. Tavelli L, Barootchi S, Majzoub J, Chan H-L, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Envelope Coronally Advanced Flap vs Tunnel technique in the treatment of Soft tissue Dehiscence coverage at implant sites: preliminary results from a Randomized Clinical Trial. U of Michigan, 2020 Research Day (abstract 60) [Poster presentation – Clinical application and technique \(3rd prize\)](#)
226. Gianfilippo R, Wang CW, Kinney J, Arnett M, Ashnagar S, Sigai J, **Wang H-L**, Giannobile W. Cytokine expression and bacterial recolonization after regenerative therapy of peri-implantitis with or without laser treatment. University of Michigan 2020 Research Day (abstract 106)
227. Ravidà A, Troiano G, Qazi M, Saleh M, Russo LL, Greenwell H, Giannobile W, **Wang H-L**. Use of Nomogram to predict the risks of long-term tooth loss in periodontal disease patients. 2020 Midwest Society of Periodontology, Graduate Student Research Forum. Oral presentation competition – [Honorable mentioned](#)

228. Galli M, Ravidà A, Troiano G, Qazi M, Saleh M, W Borgnakke I saleh, Giannobile W, **Wang H-L**. Role of smoking in periodontal-related tooth loss in 10-47 year maintained cohort. 2020 Midwest Society of Periodontology, Graduate Student Research Forum. Poster competition – [Honorable mentioned](#)
229. Barootchi S, Tavelli L, Gianfilippo R, Eber R, Zucchelli G, Martina S, **Wang H-L**. Long-term outcomes of Acellular Dermal Matrix in the treatment of isolated gingival recessions. A 9-year outcomes of a randomized clinical trial. 2020 Midwest Society of Periodontology, Graduate Student Research Forum. Poster competition – Honorable mentioned
230. Tavelli L, Barootchi S, Majzoub J, Chan H-L, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Envelope Coronally Advanced Flap vs Tunnel technique in the treatment of Soft tissue Dehiscence coverage at implant sites: preliminary results from a Randomized Clinical Trial. 2020 Midwest Society of Periodontology, Graduate Student Research Forum. Poster presentation. ([1st prize](#))
231. Tavelli L, Barootchi S, Majzoub J, Chan H-L, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Envelope Coronally Advanced Flap vs Tunnel technique in the treatment of Soft tissue dehiscence coverage at implant sites: preliminary results from a Randomized Clinical Trial. 2020 Osteology Symposium - Research Competition. ([1st prize](#))
232. Ravidà A, Troiano G, Qazi M, Saleh M, Russo LL, Greenwell H, Giannobile W, **Wang H-L**. Use of Nomogram to predict the risks of long-term tooth loss in periodontal disease patients. 2020 Osteology Symposium Research Competition. ([2nd prize](#))
233. Galli M, Ravidà A, Troiano G, Qazi M, Saleh M, W Borgnakke I saleh, Giannobile W, **Wang H-L**. Role of smoking in periodontal-related tooth loss in 10-47 year maintained cohort. 2020 AAP 106th annual meeting, Poster presentation
234. Barootchi S, Tavelli L, Gianfilippo R, Eber R, Zucchelli G, Martina S, **Wang H-L**. Acellular Dermal Matrix for root coverage procedures. 9-year assessment of treated isolated gingival recessions and their adjacent untreated sites. 2020 AAP 106th annual meeting, Poster presentation
235. Siqueira R, Ravidà A, Saleh I, Saleh M, Giannobile A, **Wang H-L**. Lack of clinical benefit of implantoplasty to improve dental implant survival rate. 2020 AAP 106th annual meeting, Poster presentation
236. Gianfilippo R, Wang CW, Kinney J, Arnett M, Ashnagar S, Sigai J, **Wang H-L**, Giannobile W. Effect of Laser Regenerative Therapy of Peri-implantitis on Cytokine Expression and Microbial Recolonization: A Randomized Clinical Trial. 2020 AAP 106th annual meeting, Poster presentation
237. Tavelli L, Barootchi S, Majzoub J, Chan H-L, Wang C-W, Mendonca G, Kripfgans O, Giannobile W, **Wang H-L**. Envelope Coronally Advanced Flap vs Tunnel technique in the treatment of Soft tissue Dehiscence coverage at implant sites: preliminary results from a Randomized Clinical Trial. 2020 AAP 106th annual meeting, [Balint Orban's research competition \(Clinical Science category - winner\)](#)

238. Ravidà A, Galli M, Siqueira R, Saleh M, Troiano G, Rodriguez M, **Wang H-L**. The influence of the interaction between staging, grading and extent on periodontal-related tooth loss. 2020 AAP 106th annual meeting, [Balint Orban's research competition \(Clinical Science category\)](#)
239. Ravidà A, Qazi M, Rodriguez MV, Galli M, Saleh M, Troiano G, **Wang H-L**. The influence of the interaction between staging, grading, and extent on tooth loss due to periodontitis. UM 2021 Research Day (abstract 40) Poster presentation
240. Majzoub J, Salami A, Tavelli L, Barootchi S, **Wang H-L**, Chan H-L. Multivariate outcome evaluation of furcation-involved molars treated with non-surgical mechanical therapy: A retrospective study. UM 2021 Research Day (abstract 41) Poster presentation
241. Galli M, Ravidà A, Saleh M, Rodriguez MV, Qazi M, Troiano G, Chan H-L, **Wang H-L**. Regularity of maintenance visits has a differential impact on periodontitis-related tooth loss according to patient staging and grading. UM 2021 Research Day (abstract 42) Poster presentation – [Clinical, Public Health, Behavioral and Education Research \(1st prize\)](#)
242. Barootchi S, Tavelli L, **Wang H-L**, Chan HL, Kripfgans OD. Ultrasonographic characterization and tissue perfusion analysis at implant health and disease: A cross sectional study. UM 2021 Research Day (abstract 43) Poster presentation
243. Saleh M, Dukka H, Troiano G, Ravidà A, Galli M, Qazi M, Greenwell H, **Wang H-L**. External validation and comparison of the predictive performance of ten different tooth-level prognostic systems. AAP 107th annual meeting, [Balint Orban's research competition \(Clinical Science category\)](#) (ID:1005696)
244. Gianfilippo R, Wang CW, Hao Y, Li JQ, Heath BR, Sigai J, Moghbeli T, Kornman K, **Wang H-L**, Xie Y, Giannobile W, Lei YL. Machine-learned deconvolution of the peri-implant immunolandscape predicts regenerative treatment outcome for personalized risk stratification. AAP 107th annual meeting, [Balint Orban's research competition \(Basic Science category- winner\)](#) (ID:1038002)
245. Wang I-C, Ou A, Johnston J, Giannobile W, Yang B, Fenno JC, **Wang H-L**. Relationship between Peri-implantitis and Cardiovascular Diseases. AAP 107th annual meeting, [Balint Orban's research competition \(Clinical Science category\)](#) (ID:1050147)
246. Barootchi S, Tavelli L, Travan S, Majzoub J, Chan HL, Manchini L, Rodriguez MV, Kripfgans OD, Giannobile W, **Wang H-L**. Platelet-Derived Growth Factor-Incorporated Xenogeneic Collagen Matrix for the Treatment of Multiple Adjacent Gingival Recessions: A Triple-blinded, Randomized, Placebo-controlled Trial. AAP 107th annual meeting, [Balint Orban's research competition \(Clinical Science category - winner\)](#) (ID:1056696)
247. Ravidà A, Saleh M, Giannobile A, Travan S, Greenwell H, Papapanou PN, Sanz M, Tonetti M, **Wang H-L**, Kornman K. Agreement Among International Periodontal Experts Using the 2017 World Workshop Classification of Periodontitis. AAP 107th annual meeting, poster presentation (ID 1055930)
248. Galli M, Ravidà A, Saleh M, Rodriguez MV, Qazi M, Troiano G, Chan H-L, **Wang H-L**. Maintenance regularity differentially impacts periodontitis-related tooth loss according to staging and grading. AAP 107th annual meeting, poster presentation (ID 1057080)

249. Tavelli L, Barootchi S, Limiroli E, Rasperini J, Martina S, **Wang H-L**, Zucchelli G. A four-arm randomized clinical trial on different connective tissue graft harvesting techniques for root coverage. AAP 107th annual meeting, poster presentation (ID 1056895)
250. Barootchi S, Tavelli L, Majzoub J, Chan HL, **Wang H-L**, Kripfgans OD. Ultrasonographic tissue perfusion in peri-implant health and disease. Academy of Osseointegration (AO) 2022 annual meeting - [Clinical Innovation \(Oral Presentation\) – First prize](#) (abstract CI-2)
251. Meneghetti PC, Li JY, Galli M, Chen ZZ, Teixeira W, Pereira R, Mendonça G, **Wang H-L**. The accuracy of an open-sleeve surgical template for computer-assisted implant surgery at healed sites or fresh sockets: A comparison to closed-sleeve digital templates and free-hand approach. Academy of Osseointegration (AO) 2022 annual meeting - [ePoster Presentation\) – Top 10 prize](#) (abstract P93)
252. Petrich R, **Wang H-L**, *Inglehart MR*. Periodontic Graduate Students and Program Directors; Considerations concerning Digital Dentistry: A National Survey. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-1), Ann Arbor, MI.
253. Liu WW, Zhang FY, Deng XL, **Wang H-L**. Magnetic Field Repower Magnetolectric Membrane to Enhance Bone Regeneration on Demand. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-4), Ann Arbor, MI.
254. Saleh M, Dukka H, Troiano G, Ravida A, Musa Q, Galli M, Greenwell H, **Wang H-L**. External Validation and Comparison of the Predictive Performance of 10 Different Tooth-Level Prognostic Systems. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-10), Ann Arbor, MI. [1st prize in Clinical application and technique](#)
255. Ghassib I, Ravida A, Saleh M, **Wang H-L**, Kumar P, Borgnakke WS. Prognostic Value of Infrabony Defect Radiographic Features on Healing Following Several Treatment Modalities: A Retrospective Study. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-13), Ann Arbor, MI.
256. Wen SC, Sabri H, Barootchi S, Dastouri Jamnani E, Huang WX, **Wang H-L**. Submerged versus non-submerged Surgical reconstructive treatment for peri-implantitis: Re-analysis of two prospectively conducted clinical studies in the same center. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-15), Ann Arbor, MI.
257. Dastouri E, Sabri H, Meneghetti PC, **Wang H-L**, Mendonça G, Siqueira R. Fully-Digitally-Guided Lateral Sinus Floor Elevation with Simultaneous Implant Placement. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-17), Ann Arbor, MI. [1st prize in Clinical case demonstration](#)
258. Sabri H, Dastouri Jamnani E, Meneghetti PC, **Wang H-L**, Mendonça G. Digital planning for 2-implant overdenture and bone reduction guide using CBCT: simple features for predictable outcomes. University of Michigan 2022 Ramfjord biannual symposium, Poster presentation (P-18), Ann Arbor, MI.
259. Meneghetti PC, Sabri H, Dastouri Jamnani E, Pereira R, Teixeira W, Li JY, Galli M, Chen ZZ, Pereira R, Wang H-L, Mendonça G. Digital planning for 2-implant overdenture and bone reduction guide using CBCT: simple features for predictable outcomes. The

- 14th International Symposium on Periodontal & Restorative Dentistry (2022), Boston, MA
260. Dukka H, Saleh M, Ravidà A, Greenwell H, **Wang H-L**. Is Bleeding on probing a clinical indicator of peri-implant diseases?. The 14th International Symposium on Periodontal & Restorative Dentistry(2022), Boston, MA
 261. Saleh M, Couso-Queiruga E, Ravidà A, Dukka H, De Andrade NP, Ou A, **Wang H-L**. Impact of the periodontal phenotype on bone loss following full thickness mucoperiosteal flap. A 1-year prospective clinical trial. The 14th International Symposium on Periodontal & Restorative Dentistry(2022), Boston, MA
 262. Meneghetti PC, Siqueira R, Sabri H, Dastouri Jamnani E, Pereira R, Teixeira W, Pereira R, Li JY, **Wang H-L**, Mendonça G. Fully-digitally-guided lateral sinus floor elevation with simultaneous implant placement. The 14th International Symposium on Periodontal & Restorative Dentistry(2022), Boston, MA
 263. Sabri H, Moieni N, **Wang H-L**. Evaluation of the periodontal tissue following the orthodontic mini-screw implants; A prospective split mouth case-control clinical study. The 14th International Symposium on Periodontal & Restorative Dentistry (2022), Boston, MA
 264. Wen SC, Sabri H, Barootchi S, Dastouri Jamnani E, Huang WX, **Wang H-L**. Submerged versus non-submerged Surgical reconstructive treatment for peri-implantitis: Re-analysis of two prospectively conducted clinical studies in the same center. The 14th International Symposium on Periodontal & Restorative Dentistry (2022), Boston, MA
 265. Barausse C, Ravidà A, Bonifazi L, Saleh M, Sammartino G, **Wang H-L**, Felice P. 4-mm-short implants after regenerative failures in the posterior mandible: a retrospective study. EAO-823 (OC-25). 2022 European Association For Osseointegration.
 266. Barootchi S, Tavelli L, Majzoub J, Chan HL, Manchini L, Rodriguez MV, Kripfgans OD, Giannobile W, Wang I-C, **Wang H-L**. A 5-year longitudinal randomized clinical trial on clinical, ultrasonographic, radiographic, volumetric and patient-reported outcomes of immediate implant therapy. 2022, AAP 108th annual meeting, poster presentation (ID 1260584) ([Research Forum Poster Competition - 8 finalists](#))
 267. Wen SC, Barootchi S, Sabri H, Dastouri E, Huang WX, **Wang H-L**. The Influence of Submerged versus Non-Submerged Healing Approaches in the Treatment of Peri-implantitis; a Single-center Re-Analysis Study. 2022, AAP 108th annual meeting, poster presentation (ID 1260786) ([Research Forum Poster Competition - 8 finalists](#))
 268. Ghassilb I, Ravidà A, Saleh M, Borgnakke WS, **Wang H-L**, Kumar P. Influence of smoking on cost-effectiveness of periodontal intervention over up to 48 years of follow-up. 2022, AAP 108th annual meeting, poster presentation (ID 1260453) [Balint Orban's research competition \(Clinical Science category\)](#)
 269. Ravidà A, Nibali L, Eickholz P, Petsos H, Meng HX, Shi SW, Jian J, Santmaria P, **Wang H-L**, Troiano G. Development and international external validation of a machine learning based model to predict 10-year survival of molars in periodontally-affected patients. 2022, AAP 108th annual meeting, poster presentation (ID 1260511) [Balint Orban's research competition \(Clinical Science category\)](#) (ID:1038002)

270. Saleh M, Miller PD, **Wang H-L**. The Modified Miller-McEntire Periodontal Prognostic Index: Initiation and Validation. 2022, AAP 108th annual meeting, poster presentation (ID 1260527)
271. Saleh M, **Wang H-L**. *Retaining or replacing periodontally questionable or hopeless teeth. A long-term cost-effectiveness comparison of prediction-based decisions*. 2022, AAP 108th annual meeting, poster presentation (ID 1258156)
272. Ghatalia P, Ray B, Saleh M, **Wang H-L**. Periodontal stability for periodontitis stage I & II supragingival scaling. University of Michigan 2023 Research Day (abstract 33) [Poster presentation](#)
273. Sawant S, Sinjab K, **Wang H-L**, Kumar P. Effect of implant surface coating on oral microbiota in health and peri-implantitis. University of Michigan 2023 Research Day (abstract 38) [Poster presentation](#)
274. Mandil O, Sabri H, Manouchehri N, Mostafa D, **Wang H-L**. Application of Propolis via Apical Tunnel approach for Root Coverage: A Case report with 2-year follow-up. University of Michigan 2023 Research Day (abstract 93) [Poster presentation](#)
275. Sabri H, Majzoub J, Rodriguez MA, Kripfgans O, Chan HL, Tavelli L, Giannobile W, **Wang H-L**, Barootchi S. A 5-year Longitudinal Randomized Clinical Trial on The Clinical, Ultrasonographic, Radiographic, Volumetric, and Patient-reported Outcomes of Immediate Implant Therapy. University of Michigan 2023 Research Day (abstract 114) [Poster presentation](#) (Clinical research and Public health (2nd prize))
276. Bonifazi L, Barausse C, Pellegrino G, Pistilli R, Ravidá A, **Wang H-L**, Felice P. 4mm extra-short implants in the rehabilitation of the posterior vertical atrophic mandible: A long-term retrospective study. Academy of Osseointegration (AO) 2023 annual meeting - [ePoster Clinical Innovation Session Presentation- P86](#)
277. Galli M, Li JY, Mendonca G, Meneghetti PC, Travan S, **Wang H-L**. Sleeveless guided implant placement compared to conventional approaches. Academy of Osseointegration (AO) 2023 annual meeting - [ePoster Clinical Innovation Session Presentation - P91](#)
278. H. Sabri , S. Barootchi, J. Majzoub, M. Vera Rodriguez, A. Bushahri, I. Wang, O. Kripfgans, H. Chan, W. Giannobile, **Wang H-L**. A 5-year Longitudinal Randomized Clinical Trial on The Clinical, Ultrasonographic, Radiographic, Volumetric, and Patient-reported Outcomes of Immediate Implant Therapy Academy of Osseointegration (AO) 2023 annual meeting - [Oral Clinical Session Presentation OC-1](#)
279. Pellegrino G, Barausse C, Bonifazi L, Pistilli R, Ravidá A, **Wang H-L**, Felice P. Clinical and radiographic results of zygomatic implants in the short, medium and long-term: A retrospective study. Academy of Osseointegration (AO) 2023 annual meeting - [Oral Clinical Session Presentation - OC-4](#)
280. Barausse C, Pellegrino G, Bonifazi L, Pistilli R, Ravidá A, **Wang H-L**, Felice P. A retrospective study evaluating the marginal bone level changes around 4mm extra-short implants placed after regenerative failures in the posterior mandible. Academy of Osseointegration (AO) 2023 annual meeting - [Oral Clinical Session Presentation - OC-6](#)

281. Alrmali A, Saleh M, **Wang H-L**. Four-dimensional vertical soft tissue building around permanent submerged implant. Academy of Osseointegration (AO) 2023 annual meeting - [ePoster Clinical Innovation Session Presentation CI-1](#)
282. Alrmali A, Saleh M, **Wang H-L**. Auto-dentin-platelet rich fibrin matrix. A promising biomaterial for ridge augmentation procedure. Academy of Osseointegration (AO) 2023 annual meeting - [ePoster Clinical Innovation Session Presentation CI-2](#)