



SCHOOL OF DENTISTRY

UNIVERSITY *of* WASHINGTON

Department of Restorative Dentistry

Monthly Restorative Review

Department Newsletter December 2024



Happy New Year !

From our family to yours, wishing you a wonderful holiday season. Enjoy a well-deserved rest after a year of hard work educating our dental students / residents, carrying out clinically-relevant research and providing local, national and international service. All of these efforts promote the University of Washington.

Have a Happy New Year !



Alvin G. Wee, DDS, PhD, Professor and Chair

Happy Birthday!

Dr. Yen-Wei Chen - Nov

Ms. Robyn Smidley - Dec

Dr. Jaehee (Jayden) Park - Dec

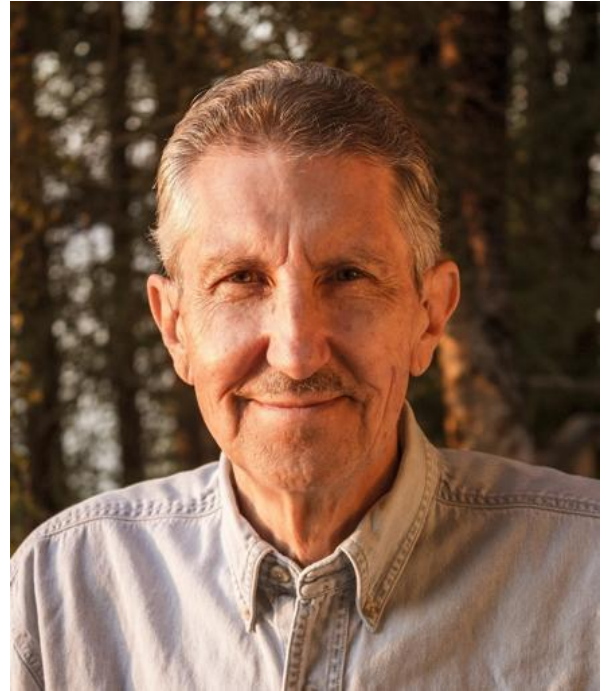
Please send Dr. Wee the month of your birth so that we can recognize it.



In memory of Dr. Bill Loew

Dr. Bill Loew was an invaluable member of the UW School of Dentistry. He was kind and patient, always willing to help and teach. Dr. Loew passed away October 10 of this year at the age of 83. His impact on the School of Dentistry and the lives of those who surrounded him will be felt for decades to come.

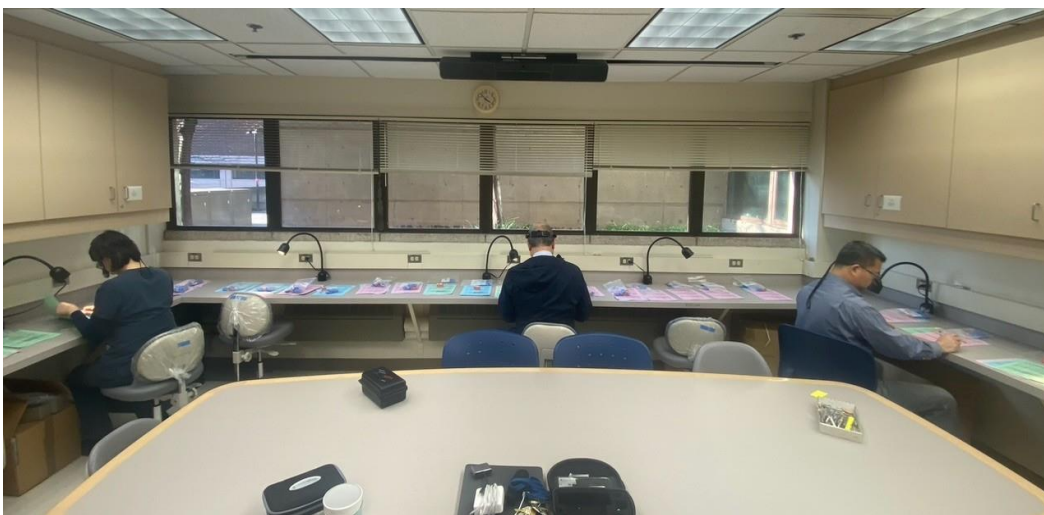
To read more about Dr. Loew and his contributions to the community, see the Fall 2013 issue of the Dental Alumni News Magazine:
https://dental.washington.edu/wp-content/media/alumni/dan_fall2013.pdf



Dr. Bill Loew

ADEX Mock / Competency Exam

We would like to thank **Dr. Yen-Wei Chen** for organizing the ADEX Mock / Competency Examination for the senior dental students (D4). He was assisted by Drs. Peng, Zhang, Maebo and Marashi. They spent many hours advising the dental students before the examination and then grading the students' preparations immediately after the examinations. Thank you all for your hard work in making this happen.



ADEX
Mock/Competency
Exam

Congratulations!

The Department of Restorative Dentistry voted in favor of **Dr. Amy Kim's** secondary appointment in our department as a Clinical Associate Professor, non-salaried. Dr. Kim is the executive director of the UW Advanced Education in General Dentistry Program that is projected to start in 2026. The program will be assisted by several of our department's faculty.



Dr. Amy Kim



Dr. Angela Chianglin

Dr. Angela Chianglin, Clinical Instructor within our department, will increase her time from 50% to 80% starting January 1, 2025. With this increase, she will be Course Director for the School Competency Assessment course and also Co-Course Director for the Equity and Access to Oral Health Care course managed by the Office of Educational Partnerships.

Dr. Marwan Fattouhi, UW 2024 Prosthodontic graduate and current Maxillofacial Prosthodontic resident at MD Andersen Cancer Center in Houston, gave a fantastic lecture for Dr. Sorensen's Graduate Occlusion course (Prosthodontic, Periodontology and Orthodontic) on "Orthodontic Treatment Planning with Traditional Stone Casts." His knowledge of orthodontics is truly impressive. The interdisciplinary seminars in our program, including Perio-Prosth-Ortho, help to make our program advanced.

Dr. John Sorensen

Orthodontic Setup
Marwan Fattouhi, DDS, MSD
Advanced Oral Oncology and Maxillofacial Prosthodontics
Department of Head and Neck Surgery
The University of Texas MD Anderson Cancer Center
Affiliate Assistant Professor
University of Washington
Department of Restorative Dentistry

THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center
Making Cancer History

THE UNIVERSITY OF WASHINGTON

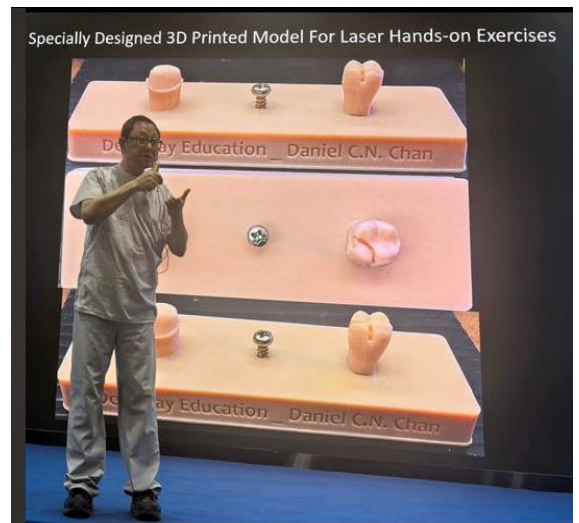
Courtesy of Dr. Ward M. Smalley and Dr. Morgan Gwin



Dr. Marwan Fattouhi

International Lecture

Dr. Daniel Chan conducted a one-day hands-on laser exercise event at Hangzhou Stomatological Hospital. He also lectured at two other affiliated establishments, a hospital and a university, in early November in Hangzhou, China.



Teaching

Nakanishi Dental Laboratory Visit

Drs. Hai Zhang and Wee visited Nakanishi Dental Laboratory on Dec. 4. Discussions on how they could support our proposed digital protocol for dentures, removable dental prostheses and occlusal splints were discussed. Further discussion on specific digital denture protocols that they support, the costs of each procedure, and turnaround times took place. It was a fruitful visit.



Nakanishi Dental Lab Visit

Publications

- Wei Wei Xu, **Chen YW**, Nagatomo KJ, YiFeng Liu, Jihai Zhou, Michel Dard, I.Y. Shen. Development of An Angular Stiffness Sensor to Measure Dental Implant Stability In Vitro. *Sensors* 2024. Accepted
- Ramachandran RA, Koseolu M, Cinka EI, Barao VA, Bayindir F, **Wee AG**, Yuan JC, Sukotijo C: Exploring the potential of machine learning models to predict nasal measurements through facial landmarks. *Journal of Prosthetics Dentistry* Dec 2024. Accepted
- Sang Z, Liang Z, **Huang G X**, et al. NIR sensitive ZnO QDs decorated MXene hydrogel promotes spinal cord repair via tunable controlled release of Zn²⁺ and regulating ROS microenvironment of mitochondrion. *Chemical Engineering Journal*, 2024,489 (1): 151343
- Xu YG, Wei N, Zhang JX, Wang C, Zhang YL, Hu WJ, **Chung KH**. (2024) Layperson assessment of smile lines and upper lip combined images in smile esthetics. *J Prosthet Dent* 2024 Mar 21:S0022-3913(24)00131-8. doi: 10.1016/j.prosdent.2024.01.037.

Publications

- Wadhvani CPK, Hess TA, Schoenbaum TR, Wadhvani YH, **Chung KH.** (2024) Dentists' perspective and experiences relative to accidental dropping of implant drivers and components intra-orally: a survey of practicing clinicians. *J Oral Implanatol* 50:39 - 44. doi.org/10.1563/aaid-joi-D-22-00215R3
- Lee HL, Chung CH, Hsu YT, **Chung KH,** Chien WC, Chiu HC. (2024) Influence of obstructive sleep apnea on the risk of dental caries: Insights from a 13-year population-based retrospective study. *JDR Clin & Translational Res* 10(1):84-91. doi: 10.1177/23800844241246198. Epub 2024 May 10.
- Wadhvani CPK, Albrektsson T, Wilson TG Jr, Schoenbaum TR, **Chung KH.** (2024) Residual debris within internal features of as-received new dental implants. *Int J Oral Maxillofac Implants* 2024 Jun 28;0(0):1-15. doi: 10.11607/jomi.11002.
- Sung CE, **Chung KH,** Lin FG, Huang RY, Cheng WC, Chen WL (2024) Periodontal conditions of teeth adjacent to dental implants following non-surgical mechanical therapy in patients treated for periodontitis: a retrospective study. *Clin Oral Implants Res* 35:1273-1285. doi: 10.1111/clr.14316. Epub 2024 Jun 11. PMID: 38860518
- Han Z, Wang C, Wei Y, Yang G, Hu W, **Chung KH.** (2024) Associations between the keratinized mucosa width and the underlying alveolar bone dimensions at partial edentulous molar sites: a retrospective cross-sectional study. *BMC Oral Health.* 24:796-805. doi: 10.1186/s12903-024-04590-2.PMID: 39010031
- Chiam SY, Lee HL, Bedrossian AE, Xu Q, Kuykendall W, Ren A, Hess TA, **Ramos V Jr, Chung KH.** (2024) Retention of titanium copings to implant-supported fixed dental prostheses. *J Prosthodont* 33:340 to 347.
- Wadhvani CPK, Rosen PS, Wilson TG Jr, **Chung KH.** (2024) A method for decontaminating a dental implant and components after abutment screw loosening: A clinical report. *J Prosthet Dent* 2024 Nov 4: S0022-3913(24)00694-2. doi: 10.1016/j.prosdent.2024.10.004.
- Wei YP, Han ZY, Hu WJ, **Zhang H,** Ren YY, Xu T, **Chung KH.** (2024) Alveolar ridge preservation at molar extraction sites: A systematic review and meta-analysis. *J Evidence-based Dent Practice.* *Accepted.*
- Hahn S, **Ramos V Jr,** An J, Wadhvani CPK, Rubenstein JE, Sutton A, **Chung KH.** (2024) Assessment of the internal connection of an angled screw channel system. *J Prosthet Dent.* *Accepted.*

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