

# W Dental Alumni news

## *The Campaign for Clinics:*

**IMAGINE OUR FUTURE**

**A new drive to upgrade our facilities and technology**

■ **WORLD'S TOP 10**

*Our ranking also climbs to No. 3 in United States*

■ **DEAN'S CLUB DINNER**

*Drs. Stiefel, Drangsholt will take the spotlight*

■ **NEW FEATURE**

*'Moments' photo gallery makes its debut*





# Campaign *for* **CLINICS**

Imagine Our Future

SCHOOL OF DENTISTRY / UNIVERSITY *of* WASHINGTON

# W

**Join us as we help our School  
acquire the facility upgrades  
and digital technology  
essential to its future excellence.**

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# DentalAlumninews

SPRING 2019

THE UNIVERSITY OF WASHINGTON DENTAL ALUMNI ASSOCIATION

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# DentalAlumniNews

Online: <https://dental.washington.edu/alumni-friends/connect/magazine/>

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**ON THE COVER:** Dr. Yen-Wei Chen (right) teaches the use of the intraoral scanner in his pre-clinic course.

## A season of renewal at our School

*“The day the Lord created hope was probably the same day he created Spring.” – Bernard Williams*

**H**ello, classmates and colleagues! What a winter we endured, but spring is here along with new beginnings and renewed hope. The upward trajectory of our School coincides perfectly with the change of seasons, as its future is bright.



Interim Dean Gary Chiodo continues to do a wonderful job guiding us out of the red and into the black, with continued progress in eliminating the operating deficit. And although some reductions at our School were enacted prior to his arrival, Dean Chiodo and our faculty

understand that we cannot cut our way out of the financial situation, and that increasing revenue will be the largest part of the answer. You'll be excited to hear that many of our most respected faculty members are working on this aspect of recovery as we speak.

I am also very happy to report the consolidation of the Advanced General Dentistry Clinic and the Fears Clinic within the faculty practice structure. This partnership marks the first phase of the new UW Dentistry clinic and is a starting point for Dean Chiodo's vision – to make the faculty practices the “go-to” dental clinics for all employees and students at the University of Washington.

As befits one of the premier dental schools in the country, Dean Chiodo feels that our facilities need to represent this as well. That is why the new Campaign for Clinics: Imagine Our Future is kicking off. (See **Page 27.**) This will target the updating of not only our school's physical and technological infrastructures, but with Dr. Daniel Chan's and Dr. John Sorensen's

Digital Dentistry Initiative will give our students an education at the cutting edge of the newest equipment and techniques in our field.

I would like to thank everyone who has supported and donated to the Dental Alumni Endowed Fund for Faculty the past two years. Our desire to support our faculty has been successful and we will continue to find ways to continue to support the great faculty at the School. But I also urge everyone to be sure to pay your membership dues, which is a great entry-level option of supporting our School. If you have not paid yet, please call the Dental Alumni Office at 206-616-0716 and do so over the phone. Dues-paying members and donors allow our Alumni Association to proudly sustain the Summer Undergraduate Research Fellowship, White Coat Ceremony, Mentor Program, Practice Opportunities Program, and Dental Alumni scholarships. Thank you for choosing to make a difference in the lives of the students and their dental school experience!

Lastly, I invite everyone to the Annual Dean's Club Dinner. Dr. Doris Stiefel and Dr. Mark Drangsholt, two of our esteemed alumni, will be receiving the major awards that evening. The dinner will be held at the Museum of Flight on Saturday, May 4, and if you attend, you can view the visiting exhibit from the Smithsonian – Destination Moon: The Apollo 11 Mission. Hope to see you all there!

JASON BOURNE (’01)

*UW Dental Alumni Association President*

### Going to ADA in September?

If you're planning to attend the annual meeting in San Francisco, don't miss our Dean's Reception from 5 to 7 p.m. on Sept. 7. We're still finalizing the location, but we'll keep everyone posted.

# Our team is here for you

Our Office of Advancement, Alumni Services, and Continuing Dental Education works to help you support and stay informed about our School of Dentistry, connect with one another, and assist you in your professional development. We're always happy to hear from you!



**RANDY NEWQUIST**  
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and External Affairs*  
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Randy, who has been at the UW since 1986, was our longtime Director of Alumni Services before becoming Assistant Dean in early 2018 and leading our office. He oversees our School's fund-raising operations and also remains closely involved in Dental Alumni Association activities.



**DOUG DAY**  
*Associate Director of Advancement*  
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Doug started at our School in 2016 after extensive experience in corporate sales and working with non-profits in fund-raising and philanthropy. He assists our alumni, faculty, and friends in their philanthropy with a focus on major gifts and planned giving, and also helps alumni to increase their level of engagement with the School.



**GREG CROAK**  
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Greg joined us in 2017 after working as Director of Graduate Affairs for Noble and Greenough School, a private high school in Boston. His primary focus is building relevant programming for recent DDS alumni while engaging corporate partners. Greg also serves on the University Advancement Equity team, which strives to make the UW more diverse, welcoming, and inclusive.



**SARAH MARTIN**  
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Sarah came to us in 2016 a few months after starting at the UW in Gift Services. Before that, she spent 10 years at the Kansas Historical Society in her home state managing the National Register of Historic Places program. An architectural historian and public historian by training, she also works part time as a consulting historian throughout King County. In our office, her roles include tracking gift activity, managing donor lists, supporting fund-raisers, and more.



**STEVE STEINBERG**  
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Steve joined us from the *Seattle Times* in 2008 after 35 years as a professional journalist, editing and writing for national magazines and newspapers including the *Dallas Morning News*. He writes and edits the *Dental Alumni News*, posts material on our School's website and social media, works with news media, writes news releases for external publication, produces videos, and assists the Dean's Office with communication.



**SALLY GEE**  
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Sally started at our School in 2002 working for Pediatric Dentistry, then moved to CDE a year later. She lived in France for nearly two years after graduating from the UW, then came home and worked for a printing software firm. As CDE director, she plans new courses, maintains accreditation, oversees marketing, and develops course ideas based on industry needs, participant requests, and dental organization partnership possibilities.



**JOY PARK**  
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Joy started with us as a UW student assistant majoring in anthropology in 2007, then became a CDE temp, then a full-time office assistant, and now program coordinator. She assists in CDE program planning, dealing with logistical details and compiling course materials, and monitors the CDE registration system.

# Imagine our future — and help shape it

**W**e are entering into a uniquely exciting time for our School of Dentistry as we launch the Campaign for Clinics to upgrade our physical facility and technology infrastructure. “Imagine Our Future” is our campaign theme and I invite all of you to imagine that future with me.

This is a future where our educational, clinical, and research infrastructures are state-of-the-art. I have spoken with many of you individually and been

encouraged by your vision for this future and your unequivocal support for reaching high. As I consider our future, I think of a subtext of “go big or go home.” The potential of “go big” beckons me irresistibly.

We certainly are poised for educational facility improvements even without this campaign. The new Health Sciences Education Building will be a 110,000-square-foot interdisciplinary classroom facility that will educate future dentists, physicians, nurses, pharmacists, and social workers. The State Legislature has already invested \$10.65 million in the planning phases, and the construction phase will be supported by a combination of state funds and philanthropy.

However, our clinics are in need of some love. I doubt that anyone who has spent time recently in them questions the need to think big regarding their future. The list of antiquated and failing equipment is quite lengthy; from a patient's perspective, the facility is not inviting. This will be the “heavy lift” for our capital campaign. We must replace dental chairs, operator stools, cabinetry, operatory walls, sinks, and all basic fixtures. All of that will be expensive for a clinical facility of our size spread across multiple floors.

We also must ensure that our clinical technology is current. This includes provisions for electric handpieces, digital dentistry, cosmetic procedures, microscopes, and planning for dental technology of the future. I also am intent on developing a funding stream for maintenance and advancement so that

we will never again have to fix and replace so much at once.

I am imagining that our future includes bold, world-class research. We have ranked third in the world for dental research organizations, but much of that impressive ranking rests upon the work of several research luminaries who have retired or moved on to other opportunities. We need to refresh and reinvigorate our research mission so that we have the equipment, laboratories, core facilities, and support staffing expected in a research institution of our reputation. As we do so, we will develop our future research luminaries from within and attract others who wish to be a part of such a strong research team.

All of these facility upgrades will certainly place increased demands on our information technology infrastructure. Planning for IT support of facilities and programs is most efficiently and effectively done when it is integral to any change planning. We will need to ensure that our IT systems are capable of going big along with our current and future growth.

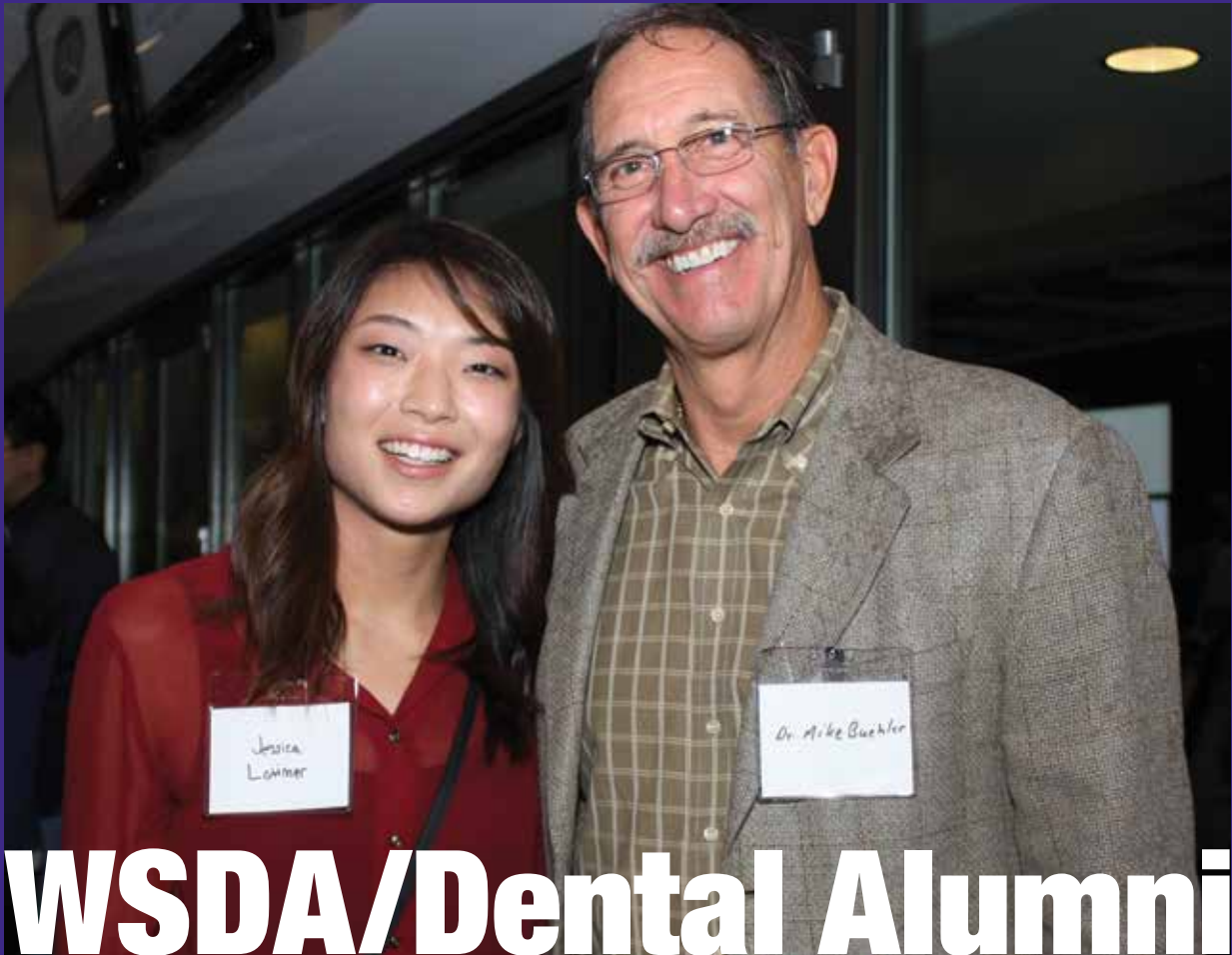
So, I invite all of you to join me in imagining our future and then engage with me to make what we imagine become reality. For most of us, this is a once-in-a-lifetime opportunity to shape the future of our School of Dentistry and of dentistry in Washington for decades. This is the time where we dream big and do the work to make that dream materialize.

Imagine our future! I do. It looks quite bright. It can be whatever we want it to be. We are affiliated with one of the world's best dental schools. It is time to begin the work needed to keep it that way.



A handwritten signature in purple ink, consisting of several overlapping loops and lines, appearing to read 'Gary T. Chiodo'.

GARY T. CHIODO, DMD, FACD  
*Interim Dean*



# WSDA/Dental Alumni Mentor Program

Mentors make a tremendous impact on our students.

They demonstrate professional behavior and ethics.

They give students real-world knowledge of dental practice that the classroom — and even school clinic — can't always provide.

They are a powerful force in directing the future of the dental profession.

## **DO YOU WANT TO MAKE A DIFFERENCE?**

Contact Greg Croak at the School of Dentistry:  
[gcroak@uw.edu](mailto:gcroak@uw.edu) or 206-616-0716.



# School 3rd in U.S., 10th in world

Buoyed by a continued rise in U.S. and world rankings, Interim Dean Gary Chiodo led our School into spring as continued improvement in the School's fiscal stability highlighted a series of encouraging developments.

The School ranked third in the United States, behind only Michigan and Harvard, and tied for 10th in the world in the 2019 QS World University Rankings by Britain's Quacquarelli Symonds educational organization. Last year's rankings were No. 4 in the United States and No. 14 in the world, and the 2019 rankings marked the fourth straight year the School has improved its standing.

"I believe that our stellar pre-doctoral and graduate programs are primary reasons for these rankings," Dean Chiodo said. "Our world-class research programs also contribute substantially to our successes. We are fortunate to have outstanding, accomplished, and dedicated faculty and staff who make all of this happen."

The School also reported substantial progress in improving its fiscal stability. Having slashed its annual operating deficit by more than 80 percent in fiscal year 2018, the School is projecting further reductions in that deficit in FY 2019, which ends June 30. The School is now on course to balance its budget in FY 2020, achieving a top priority set by the UW administration.

"Under the financial and strategic leadership of Dean Chiodo, the School will continue looking for ways to control costs supporting its clinics and programs while taking advantage of opportunities where new investment and renewed focus can provide positive returns," said Gary Farris, Assistant Dean for Finance and Resources. "These efforts are expected to pay growing dividends in FY2019 and fu-

**"We have a clear, cohesive strategy for improving our finances while maintaining our clinical and educational quality."**

– Interim Dean Gary Chiodo

ture fiscal periods."

In a year-end message to faculty, staff, and students, Dean Chiodo said: "I anticipate that we will see further improvement in our fiscal position and in all aspects of our operations. As I told the UW Board of Regents recently, we have a clear, cohesive strategy for improving our finances while maintaining our clinical and educational quality."

In that message, he outlined five areas of short-term focus:

- Achieve revenue growth in all clinical areas.
- Look for opportunities to reduce expenses without compromising quality.
- Request supplemental funding where it is clearly justified.



*The faculty practice has returned under a new name.*

• Drive accountability for department-level performance to department leadership.

• Optimize operations to achieve maximum efficiency and effectiveness.

This February saw the realization of a key element of the Dean's strategy to improve revenues: the relaunch of our faculty dental practice, which had been put on hold last June while the School formulated a new practice agreement and had it vetted by the UW Attorney General's Office.

The phased relaunch started with the Advanced General Dentistry Clinic. The practice's general dentistry component and the Dental Fears Research Clinic are expected to follow soon after.

The faculty practice also received a new name: UW Dentistry Campus Dental Clinic. At the same time, Dean Chiodo announced the appointment of Patti Howell, our School's Director of Academic Affairs, to also direct UW Dentistry marketing. The strategic campaign will seek to attract UW faculty, staff, and students as patients.

Howell brings extensive experience as a marketing consultant and executive to her new duties. She has executed product development, branding, merchandising, and launch activities for brands such as Starbucks Coffee, Swiss Army, Eddie Bauer, and others.

While controlling expenses and maximizing efficiency remain key objectives, Dean Chiodo also made it clear that budget cuts could not be a long-term strategy for success. In an October message to the School, he reiterated, "This is not how we achieve fiscal stability without sacrificing the quality of our teaching and clinical services and reducing productivity. In fact, I am considering strategically hiring in areas where staffing cuts have damaged productivity to an extent that exceeded any cost



*Plans call to maximize production at the Sand Point clinic, which has up-to-date clinical facilities.*

savings. Strategic staffing provides the opportunity to improve our efficiency by cross-training existing staff to move more nimbly across clinics and maximize our resources to the greatest extent possible.”

In that message, the Dean also dispelled any uncertainty surrounding the future of the Sand Point clinic, which houses the Center for Pediatric Dentistry and the Northwest Center for Oral and Facial Surgery, the faculty practice of our Department of Oral and Maxillofacial Surgery. Although the Center for Pediatric Dentistry had sustained operating losses after the Sand Point facility opened in 2010, Dean Chiodo said that it made little sense to abandon a premier clinical site while still paying debt service.

“Therefore, rather than decrease services at this clinic, I intend to make it as productive as possible,” he said. “It now operates at about 65 percent capacity and I plan to add the support staff and make other changes needed to get that figure to 95 percent.” One such change, he said, would be to make it a satellite clinic for the general dentistry component of UW Dentistry, along with expanding its hours of operation and extending them to Saturdays.

Soon afterward, Dean Chiodo reinforced that commitment with the announcement that Dr. Travis Nelson would be appointed Acting Chair of Pediatric Dentistry (see Page 11).

The Dean has also focused strongly on our School’s curriculum, soliciting feedback from faculty and students. He

discussed the results of curriculum reviews with faculty members at an October retreat and said later: “They clearly point to the need for changes, most notably in the clerkship model. One key takeaway is that we are not where we want to be on comprehensive care and continuity of care.”

He added: “Our immediate challenge is to identify the steps we can take to modify the curriculum with an eye toward implementation by next June. To that end, we have an immediate and ambitious goal – implementing patient-centered care with a dental student primary care provider model.” He also appointed a task force to determine how best to implement such a model. More complex changes, he said, could be implemented in 2020. To orchestrate the changes needed by June, he engaged Dr. Avina Paranjpe to oversee the didactic components and Dr. Sami Dogan for the clinical elements.

Having begun his term last August by expressing his desire to maintain consistent communication and transparency within the School, Dean Chiodo reinforced that priority at the October retreat, telling faculty that he would like to have quarterly meetings with them. Those meetings will be timed so that faculty will receive operational updates that include budget details. “Our faculty are key to our fiscal recovery, and they cannot participate in a meaningful way unless we provide them with current financial information,” he said.

In his October message to the School, the Dean also cited another

urgent need: facility and technology upgrades. After internal discussions and review, our School is now launching its Campaign for Clinics: Imagine Our Future (see Page 27), which includes the Digital Dentistry Initiative.

The Dean concluded his October message on this positive note: “I believe we are unquestionably on the right track, and I have great expectations for this academic year. My individual conversations with you thus far in my tenure have been illuminating and rewarding and I look forward to continuing those discussions. It becomes clearer to me every day why so many people take such pride in this school and why that pride is so justified.” ■

## Accreditation provisos lifted

In early March, the American Dental Association’s Commission on Dental Accreditation (CODA) notified the School that previous reporting requirements attached to our accreditation status have been lifted. All our dental educational programs are now “accredited without reporting requirements.”

In 2018, CODA began requiring the School to provide detailed financial updates out of concern about our annual operating deficits. They also wanted more information about the UW administration’s financial support for the School. CODA Standard 1-5 states: “The financial resources must be sufficient to support the school’s stated purpose/mission, goals, and objectives.”

Dean Chiodo traveled to Chicago in early January to brief CODA on the School’s success in meeting its challenges. He was accompanied by Dr. Sara Gordon, Associate Dean of Academic Affairs; Gary Farris, Assistant Dean for Finance and Resources; and Margaret Shepherd, UW Chief Strategy Officer. They outlined the substantial progress that has been the product of much hard work and sacrifice by our School’s faculty and staff. ■

# Dr. Travis Nelson named to lead Pediatric Dentistry

Dr. Travis Nelson was named Acting Chair of our Department of Pediatric Dentistry, effective Nov. 1. He had been serving as Clinic Chief of the department's Center for Pediatric Dentistry.

Dr. Nelson took over leadership of the department from Dr. Thomas Dodson, who had served as interim Chair since mid-2016. Dr. Dodson filled that role in addition to his duties as Chair of our School's Department of Oral and Maxillofacial Surgery. During this time, Dr. Nelson took on a significant portion of operational leadership for Pediatric Dentistry. As Acting Chair, he oversees the pre-doctoral and residency programs, departmental operations, and human resources.

"Dr. Nelson's performance as Clinic Chief and his dedication to the Pediatric Dentistry program have been exemplary," said Interim Dean Gary Chiodo in his letter to UW President Ana Mari Cauce proposing the appointment. In a message to the School, he added, "I am delighted that Dr. Nelson is assuming this critical role at a time of exciting growth and development at the School of Dentistry. He is a stellar clinician for some of our most complex patients and a truly valuable member of our faculty."

Dr. Nelson has received wide recognition for a clinic he started at the Center for children with autism in 2012. It is believed to be one of the only dental clinics of its kind, and it has enjoyed significant success in treating these children while using behavioral techniques. Dr. Nelson and colleagues published a study of their findings in 2017 in the *Journal of the American*



Dr. Travis Nelson

**"Dr. Nelson is a stellar clinician for some of our most complex patients and a truly valuable member of our faculty."**

— Interim Dean Gary Chiodo

#### *Dental Association.*

Dean Chiodo said that Dr. Nelson would play a key part in transforming the Sand Point clinic in Seattle's Magnuson State Park that houses the department. The clinic is also shared by the Northwest Center for Oral and Facial Surgery, the faculty practice for the Department of Oral and Maxillofacial Surgery. The Dean said he plans to take steps to increase Sand Point's existing clinical productivity and add a general dentistry faculty practice clinic there as well.

"With the leadership team of Dr.

Nelson and Dr. Dodson in place, we are positioned to move forward with elevating this premier site to its highest and best operations," he said. The Sand Point clinic, which opened in 2010, is a state-of-the-art facility with abundant free parking.

Dr. Nelson joined the department and the School's faculty in 2010 as Acting Assistant Professor. He was appointed Clinical Assistant Professor in 2013 and Clinic Chief in 2016, when he was promoted to Clinical Associate Professor. He also holds an appointment on the attending staff at Seattle Children's Hospital.

"I am thrilled with the strong commitment that the administration has made to the future of our program, and I am honored to be asked to serve during this critical time in our School's history," Dr. Nelson said. "We will work together to ensure that the University of Washington continues to serve the children of this state and graduates clinicians who are equipped to care for the most vulnerable patients in our region."

A 2003 graduate of Walla Walla College, he received his DDS from Loma Linda University in California in 2007, then his master's degree and certification in pediatric dentistry and a master's degree in public health from the UW in 2010. He is a diplomate of the American Board of Pediatric Dentistry and has been a co-investigator on seven research grants and a principal investigator on two grants. He has also written or collaborated on more than two dozen journal articles as well as several book chapters and other educational materials. In addition, he is an ad hoc reviewer for publications including the *Journal of the American Dental Association*, *International Journal of Paediatric Dentistry*, *Special Care in Dentistry*, and the *Journal of Dental Education*. ■

# 35TH ANNUAL DEAN'S CLUB DINNER

*Saturday Evening, May 4, 2019*

MUSEUM OF FLIGHT

SEATTLE

## *Honorees*

DR. DORIS STIEFEL

2019 DEAN'S CLUB HONORARY LIFETIME MEMBER AWARD

DR. MARK DRANGSHOLT

2019 DISTINGUISHED ALUMNUS AWARD

CLASS OF 2019

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at (206) 685-9350, or register online at  
[events.uw.edu/deansclub2019](http://events.uw.edu/deansclub2019)*

# Honors for Drs. Stiefel and Drangsholt

At the Dean's Club Dinner on May 4, Dr. Doris Stiefel will receive the Dean's Club's highest honor and Dr. Mark Drangsholt will receive the Distinguished Alumnus Award.

## *Dr. Doris J. Stiefel ('54)*

**2019 DEAN'S CLUB HONORARY  
LIFETIME MEMBER**



Dr. Stiefel was named Distinguished Alumnus in 2003, and her groundbreaking achievements in becoming our School's first woman graduate were remarkable on their own. However, it is her unique record of service to our School as longtime director of its DECOD program that

inspires this latest award.

Dr. Stiefel was appointed by Dr. Ed Truelove, then Chair of Oral Medicine, to direct the Dental Education in Care of Persons with Disabilities program in 1975, during its second year. She and Dr. Truelove labored tirelessly to gather support for the special-care dentistry program, which not only provided patient care but trained dental students and then dental professionals in this demanding but critical specialty.

Under her direction, DECOD also conducted research on gingivitis and other issues of particular concern for patients with special needs, such as the oral health status of persons in specific disability groups, including those with mental illness, spinal cord injury, developmental and other conditions.

Contrary to much of prevailing practice in special-care dentistry, DECOD pursued comprehensive outpatient maintenance rather than infrequent and massive treatment in the operating room. This approach gained a devoted following among patients and their caregivers.

Dr. Stiefel became known for her willingness to go anywhere and speak to anyone to garner support. She also served as president of the Academy of Dentistry for the Handicapped, which eventually evolved into the Special Care Dentistry Association. She retired as DECOD director in 1994.

Her pioneering efforts were honored with the creation of the Doris J. Stiefel Endowed Fund, which supports DECOD and offers stipends to pre-doctoral dental or dental hygiene students who have an interest in special-care dentistry. She has earned a place of true distinction in our School's history, and in the hearts of her colleagues, DECOD's patients, and their caregivers.

## *Dr. Mark T. Drangsholt ('84, Oral Medicine '95)*

**2019 DISTINGUISHED ALUMNUS**



When he became our School's Chair of Oral Medicine in 2010, Dr. Drangsholt faced the daunting task of filling the giant shoes of his predecessor, Dr. Truelove, who spent 38 years as department chair and was an international figure in oral medicine.

Not only did Dr. Drangsholt step up to that challenge, but he also has continued to build his department's reputation and his own stature as a prominent clinician-scientist, especially in the area of temporomandibular disorders, orofacial neuropathic pain, and in areas beyond dentistry, in personalized science and medicine.

In addition to his BA, DDS, and certificate in oral medicine, Dr. Drangsholt holds an MPH and PhD in epidemiology, all from the UW. He initially completed a GPR at Michael Reese Hospital & Medical Center in Chicago and practiced general dentistry for 10 years. He joined our faculty as a clinical instructor in 1985 and rose to become full professor in 2012. His current oral medicine practice focuses on the diagnosis and non-surgical management of oral-facial disorders, both in the School's clinics and at UW Medical Center.

Dr. Drangsholt's research beyond the orofacial region more recently has focused on N-of-1 research design (in which patients serve as their own control), which is used in personalized science and medicine. He has published 80 peer-reviewed scientific articles, book chapters, reviews and letters to the editor.

In addition to administration, teaching, research, and service, he mentors graduate students in multiple research projects about novel diagnostic measures of pain, and measuring the global disability of orofacial diseases. He has given over 140 presentations around the world and is president of the American Board of Oral Medicine. He is past president of our Dental Alumni Association and has actively participated in our School's governance, currently as chair of our elected Faculty Council.



## Three receive Rothwell Awards

Dr. John Townsend, Dr. Avina Paranjpe, and Dr. Robert Nieman of our faculty were honored in December as recipients of the annual Bruce R. Rothwell Teaching Awards, our School's highest faculty recognition.

Dr. Townsend, Lecturer Emeritus in the Department of Restorative Dentistry, received the Rothwell Lifetime Achievement in Teaching Award. During his career, he has served on the faculty at both the UW and McGill University in Montreal, and chaired a department at each school. At our School, he has been a key figure in the Graduate Prosthodontics program, and has received four Outstanding Instructor Awards bestowed by students. He also received the rare honor of selection by graduating students to be keynote speaker for the School of Dentistry's 2014 commencement.

Dr. Paranjpe, Associate Professor in the Department of Endodontics, received the Rothwell Distinguished Teaching Award. She too has been nominated several times previous-



*Dr. Avina Paranjpe (center) with Dr. Mark Drangsholt and Dr. Patricia Rothwell*

*Dr. John Townsend (center) with Dr. Mark Drangsholt and Dr. Patricia Rothwell*

ly, and in 2018 received a fellowship to attend the 2018-19 American Dental Education Association Leadership Institute. This program is designed to groom dental faculty members as future leaders in dental and higher education. Dr. Paranjpe was also selected as the 2018 ADEA/American Association of Endodontists Foundation Scholar for the Leadership Institute.

Dr. Nieman, an instructor with the Advanced General Dentistry Clinic who has also been nominated multiple times, received the Rothwell Distinguished Teaching Award for Outstanding Service. A former director of the school's General Practice Residency (GPR) program, he served as an attending dentist in that program and in the Advanced General Dentistry clinic, which serves medically complex patients, for nearly 40 years.

The Rothwell Awards commemorate the late Dr. Bruce R. Rothwell, who chaired the Department of Restorative Dentistry at the UW from 1993 until his death from kidney cancer in 2000 at the age of 52. Renowned as a forensic dentist,



*Dr. Robert Nieman (center) with Dr. Mark Drangsholt and Dr. Patricia Rothwell*

he served as a consultant to the King County Medical Examiner's Office and in the 1980s worked with UW colleague Dr. Tom Morton to identify victims in the Green River serial murder case. He was posthumously honored by the American Society of Forensic Odontology.

Dr. Rothwell also directed the School of Dentistry's GPR program and was noted for his expertise in teaching, research and care of medically compromised patients. He devised Rothwell's Solution, a painkilling mouthwash still in use to help patients undergoing radiation and chemotherapy for mouth cancers.

The awards were presented by Dr. Patricia Rothwell, who was Dr. Rothwell's wife, and Dr. Mark Drangsholt, Chair of the Department of Oral Medicine and chair of the award selection committee. ■

# Time to bid WREB farewell?

Everyone who has taken the Western Regional Examining Board (WREB) licensure test can agree: It's a stress-fest.

The exam tests would-be dental licensees not only on their knowledge and hand skills, but their nerves as well. Students must find the right patients for their procedures and get those patients – who sometimes hail from out of state – to the exam. And the students must perform up to expectations over a tension-packed week, knowing that their future livelihood is on the line.

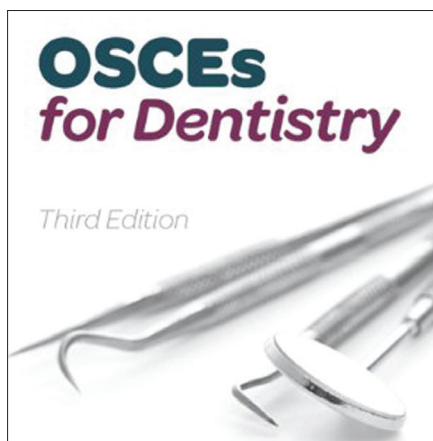
The WREB, which was first given in Oregon in 1977, has been challenged for this reliance on live patients. Critics call it haphazard, unfair, even unethical. Educational researchers say that it does not actually predict clinical competency.

Aware of these issues, the American Dental Association decided about 12 years ago to consider a licensure exam without live patients. And the result may go into practice at our School and others as soon as 2020.

The Dental Licensure Objective Structured Clinical Examination (DL-OSCE), a multiple-choice exam held under ADA auspices with no live patients, will be a nationwide alternative to live patient exams such as the WREB. Because each state must decide for itself whether to accept the DL-OSCE, it's not yet clear how widely accepted it will be.

The DL-OSCE assesses clinical judgment and skills, using standardized clinically-based questions. Success requires critical thinking and depth and breadth of clinical judgment; students must know not only the correct clinical methods of treatment, but when and where to employ them.

The Dental Licensure Objective Structured Clinical Examination (DL-OSCE), a multiple-choice exam held under ADA auspices with no live patients, will be a nationwide alternative to live patient exams such as the WREB.



The new test differs from the National Dental Board Exams, also administered under the ADA's auspices, because the dental board exams focus on factual recall, while the DL-OSCE emphasizes judgment and applications. The ADA will also roll out the new Integrated National Dental Board Exam (INDBE) over the next few years to replace the traditional Part I and Part II exams, and views the INDBE and DL-OSCE as a complementary set of competency assessments.

Dr. David Carsten ('84), a dental

anesthesiologist who teaches at Oregon Health & Science University, and David Waldschmidt, PhD, head of testing for the ADA, delivered a presentation on the DL-OSCE at our School last September. A member of the ADA's DL-OSCE steering committee, Dr. Carsten noted that Canada has been using a national OSCE for more than 20 years, and that U.S. students have the option of taking the Canadian test if their state recognizes it for licensure. (Washington does.) Canada has found a positive correlation between OSCE performance and performance in the final year of dental school, he said. "It's a fair and unbiased assessment," he added.

Originally developed for medicine, OSCE exams are widely used in health sciences as clinical competency assessments. UWSOD has held its own in-house OSCE as a graduation requirement since 2015, modeled after the Canadian exam.

Dr. Carsten also covered these aspects of the DL-OSCE:

- Questions focus on clinical applications. Most questions have a critical answer, a critical error, multiple distractors, and ancillary correct answers.
- It can assess a wide range of skills and doesn't endanger patient health. It tests both clinical and theoretical knowledge.

- DL-OSCE is being developed by experts, mostly dental specialists. Questions are chosen by general dentists. Content will be reviewed annually and updated as needed. Dr. Sara Gordon, our Associate Dean of Academic Affairs, is on the ADA DL-OSCE test construction committee.

The ADA wants to field-test the DL-OSCE in 2019, with a pilot exam expected late in the year, then have a

full rollout, administered by computer, in 2020. The exam will probably be administered in commercial testing centers.

However, not everyone is ready to embrace the DL-OSCE, starting with Dr. Marty Anderson of our Restorative faculty. Dr. Anderson, who has been teaching a WREB preparatory course for more than two decades, acknowledges that didactic tests can effectively measure the level of a student's knowledge, but adds this:

"No part of the DL-OSCE involves patient clinical management. The DL-OSCE is purely didactic and simply does not test what it claims to test. Further, the development of a dental OSCE for the United States by the ADA will be unnecessarily costly and irresponsible."

Dr. Anderson also challenges the contention that patient safety is an issue with WREB, saying the test has provisions to ensure safety. However, he does raise another safety-related concern about DL-OSCE: "There is a small but consistent number of candidates who, despite graduating from an accredited program, are still unable to demonstrate acceptable competence when working independently. These students are unable to perform a simple restoration on a patient even after multiple attempts." Clinical board exams such as WREB, he adds, keep such students from practicing until they can demonstrate at least minimal clinical competence on a patient.

He also notes that the WREB does not rely exclusively on live patients. "Much of the WREB examination is done on typodonts, for prosthodontics and endodontics," he says. The clinical examination, however, covers such essential elements as local anesthesia and pain management; moisture control and soft tissue management; communication and patient management; disease management and removal; instrumentation and material handling skill; and anatomic and functional understanding for operative dentistry.

And if the WREB exam is stressful, so is any other dental exam, he says. And that goes with the territory. "Stress management is part of the dental profession," he says.

How much of the WREB is retained under a new integrated licensure exam is still undetermined. Critics of DL-OSCE want to ensure that any exam fully and fairly assesses the hand skills that are so fundamental to dental practice.

That will be up to state dental boards across the country – and it's fair to say that dental educators and students will await their decisions with profound interest. ■

## We still rely on those old skull ties

Thanks to our donors who continue to send human skulls to Dr. Sue Herring of Oral Health Sciences for instructional use at our School of Dentistry! Since our last issue, she's received a skull from Dr. Larry Forsythe ('71, GPR '72), Dr. David Woodcock ('71), Dr. Charlie Gilmore ('81, Ortho '83), and Dr. John Hess.

Dr. Herring, who also teaches in our Department of Orthodontics, uses the skulls as one of several instructors in a School of Medicine pre-doctoral course on medical and dental anatomy. She also uses them in her School of Dentistry postgraduate course on head and neck anatomy.

The School's collection of skulls is aging, and skulls have grown prohibitively expensive in a time of shrinking budgets, Dr. Herring said. She noted that decades ago, dental students often bought skulls, and those would be prime candidates for donation if they're no longer in use. She also said that the newly donated skulls are almost always in better condition than the rest of the collection.

The skulls must be actual human specimens – not plastic – and in reasonably good condition, with no major parts missing or broken, she said.

Skulls may be sent directly to Dr. Herring at the School of Dentistry's Department of Orthodontics, 1959 N.E. Pacific St., Box 357446, Seattle, WA 98195. If a tax deduction is desired, donors should state their valuation of the skull in an email or in writing. (Dr. Herring's email is [herring@uw.edu](mailto:herring@uw.edu).) The School can then provide an official acknowledgement of the donation.



**SAVE THE DATE!**

**SPRING GALA 2019**

**DATE:**  
April 6 from 7 to 11 p.m.

**LOCATION:**  
Sodo Park, 3200 1st Ave. S, Seattle

**THEME:**  
Roaring '20s (cocktail attire)

**TICKETS AVAILABLE ONLINE:**  
[www.uwsodgala2019.com](http://www.uwsodgala2019.com)

**Hosted by the Class of 2020 and sponsors:** Washington State Dental Association, Washington Dental Insurance Agency, ADEC, Henry Schein, UWSOD Dental Alumni Association, Permanente Dental Associates, Nakanishi Dental Lab, Burkhart Dental, The Dental Group LLC, and Delta Dental

**All proceeds go to support student outreach events.**





## ASDA is active at our School

Our School's chapter of the American Student Dental Association (ASDA) has a tradition of vigorous leadership. Two recent examples: As a student, Dr. Sohaib Solaiman ('17) was elected national ASDA president and was an outspoken advocate on issues including licensure exams and student loan repayment. Dr. Brittany Dean ('12) was ASDA national vice president and recently concluded a four-year term on the ADA's New Dentist Committee.

The chapter's current leaders are continuing that tradition with efforts aimed at keeping their group growing, active, and relevant. President Clara Felker ('20) and President-elect Kaylee Salesky ('21) say their chapter's activities include advocacy, outreach to pre-dental students, professional development, social events, fund-raising, wellness programs, and volunteering.

"We're also trying to strengthen our relationship with the Washington State Dental Association, and we especially want to support mentorships," Felker says.

"This next year we plan to spend a lot more time and energy on recruiting," Salesky says. "We plan to have a social after the annual late-spring barbecue for first-year members, and we are adding elected positions to some of our bigger leadership positions to promote more efficient leadership transition and earlier involvement for

the first-years."

The chapter also sponsors mentoring sessions with third-year and fourth-year ASDA members helping the students who follow behind them. "This next year, we hope to take this a step further and start a YouTube channel with tutorials on projects or drilling exercises done in various classes," Salesky says.

To expand its work with pre-dental students, the chapter stages events such as Dive into Dentistry Day, which attracts attendees not only from Washington but Idaho and Montana as well. It's a full day in which 50 to 60 students practice drilling, filling, wax-ups, and impressions. They also meet with faculty members and practice mock admissions interviews.

Lunch-and-learns are a signature activity, with private practice education an especially popular topic. Students are exposed to different modes of practice, and also hear from commercial firms, which are charged a fee to appear.

Volunteer work is another important aspect of the chapter's agenda, but it's not dentistry-related. Rather, it's a way to take a break from the pressures of dental school while still serving the community in meaningful ways – working at a local food bank, joining in clothing drives.

In that same vein, the chapter offers wellness programs, both physical

and mental, with some events mixed in just for fun – workouts, bowling, mindfulness and meditation sessions, and information about UW counseling resources. ASDA also offers educational resources, study materials, and free health insurance.

Ultimately, ASDA serves as a gateway into the American Dental Association and organized dentistry. Its members get a taste of the kind of networking they can look forward to at district conferences, where they meet with students from other dental schools. The chapter also sends members to three big events each year: ASDA's national and district leadership conferences and its annual session.

With advocacy a key priority for ADA, ASDA members test the waters there too. Key issues for the chapter include licensure, tuition, student loans (including tax deductions and repayment programs) and the limited nature of loan forgiveness, which is generally tied to practicing in underserved areas.

Keep an eye on these ASDA members – and don't be surprised when someday you see them making news with WSDA or ADA. ■

*Above: UW ASDA chapter officers include (from left) Christine Yeh ('21), Community Service Chair; Taylor Wilkins ('20), Advocacy Chair; Clara Felker ('20), President; Ryan Tam ('20), Professional Development; and Kaylee Salesky ('21), President-elect.*

**EDITOR'S NOTE:** Starting in this issue, we're launching a new photo gallery called **Moments**. It's designed to create more space for photos of events that capture our readers' interest every year. We hope you enjoy it!

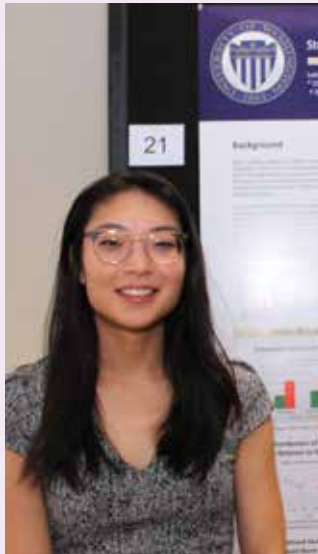
## Research Day

**UW HEALTH SCIENCES CENTER ■ JAN. 29, 2019**

Pre-doctoral and graduate dental students gave poster presentations of their research at our 24th annual Research Day. Second-year student Claire Mills won first place in the pre-doctoral student competition, followed by classmates Philip Walczak and Nousha Panahpour Eslami. Ana Marie Chang, a PhD candidate in the Department of Oral Health Sciences, won the graduate student competition. Dr. Cecilia Giachelli of the UW Department of Bioengineering gave the day's keynote talk, exploring research collaborations between her department and our School. ■



*Dr. Cecilia Giachelli*



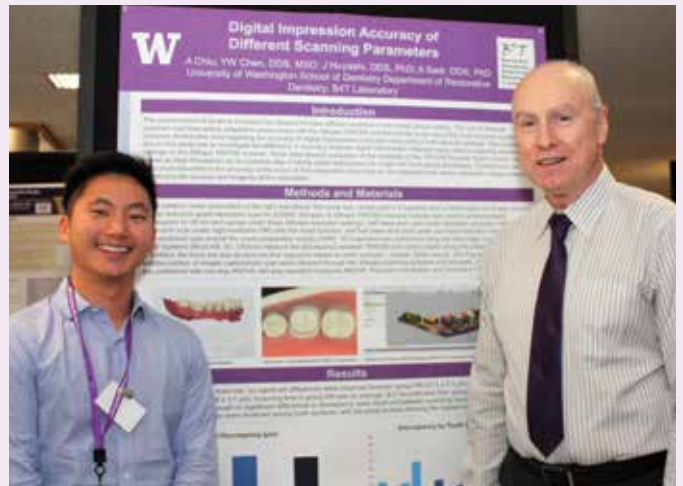
*Third-year student Jessica Latimer*



*Ana Marie Chang*



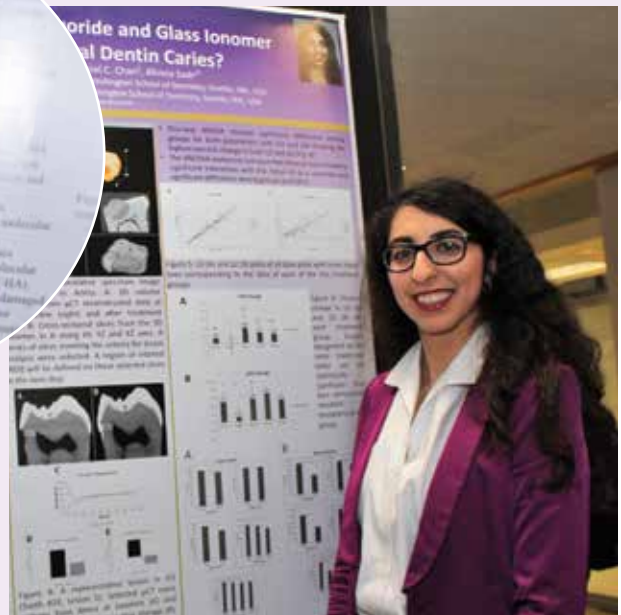
*Claire Mills*



*Second-year student Asher Chiu and Interim Dean Gary Chiodo*



*Philip Walczak*



*Nousha Panahpour Eslami*

## Alumni golf tournament

**THE GOLF CLUB AT NEWCASTLE ■ SEPT. 14, 2018**

Another perfect day for the annual outing! The threesome of Drs. Geoff Johnston ('16), Thom Contreras ('16), and David Nam ('98) took first place. Drs. Al Munk, Mark Svore, Brett Fidler, and Mark DiRe, all Class of '75, took second, and Drs. Mike Kern ('93), Tom Herrick ('93), and Jean-Paul Banh ('14) took third. Drs. Beth Shaw ('08) and Scott Shaw ('08) won long-drive honors. Dr. Jeremy Chaison ('06), our Dental Alumni Association president-elect, was closest to the pin on No. 12. Thanks to Heartland Dental, sponsor of the post-tournament dinner, and our hole sponsors: Zions Bank, Washington Dentists' Insurance Agency, Nakanishi Dental Laboratory, Inc., Kitsap Bank, HomeStreet Bank, and Burkhart. ■



*Drs. Thom Contreras and Geoff Johnston, along with Dr. David Nam (not pictured), came in first.*



*Drs. Mark Svore, Al Munk, Brett Fidler, and Mark DiRe.*



*Dr. Brian Carey ('13)*



*Drs. Shokofeh Tabaraie, Jennifer Tung, Emi Chaison, and Nikki Chin, all '06*



*Drs. Tom Herrick ('93), Mike Kern ('93), and Jean-Paul Banh ('14)*

## Alumni golf tournament **CONTINUED**

*Drs. Dallas Easter, NamThien Vu, Shane Drew, and Blake Quigley, all '14*

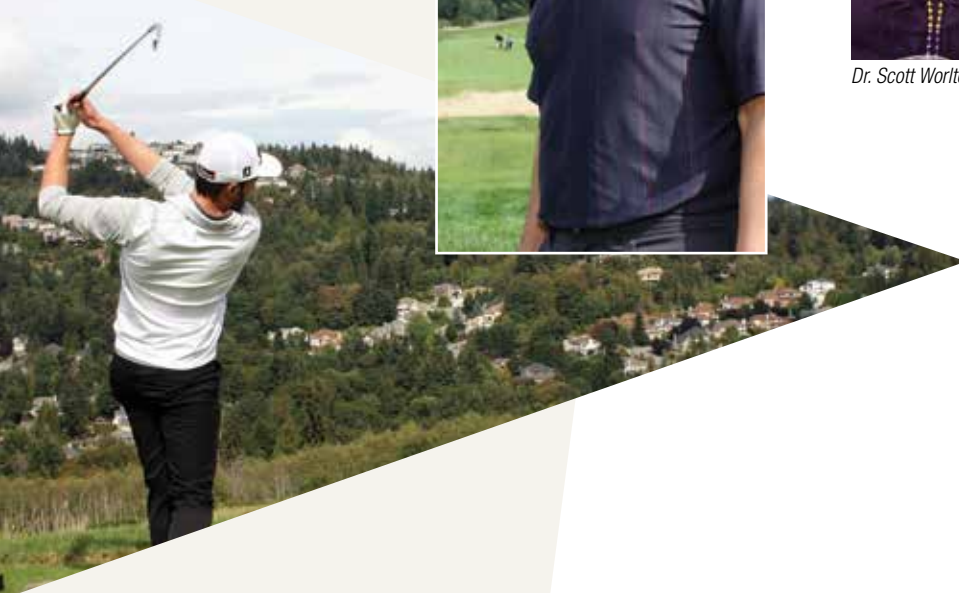


*Drs. Rami Salha, Nate McKenna, Levi Reynolds, and Robby Primrose, all '17*

*Dr. Brian Filbert ('90)*



*Dr. Geoff Johnston tees off on No. 10.*



## Football gathering

**UW HEALTH SCIENCES ROTUNDA  
SEPT. 29, 2018**

Alumni, their families and friends, students, and faculty gathered at Health Sciences for pre-game festivities and to hear remarks by Michael Kneip, former Husky footballer and now head football coach at Bellevue High School. As always, the event featured a tasty buffet, live jazz, and door prizes. Afterward, the crowd headed for Husky Stadium and watched the UW dismantle BYU, 35-7. ■



*Michael Kneip*



*Dr. Scott Worlton ('79, center), wife Pam Worlton, and brother Rick Worlton*



*Dr. Gerald Smith ('83) and wife Connie Copetos*



Affiliate faculty member Dr. Steve Albright (left) with our Dental Alumni Association President, Dr. Jason Bourne ('01) and his daughter Cameron



Those hand skills are essential at the buffet!



Dr. John Deviny ('74, second from right) and wife Cheryl with second-year students Trayvon Foy and Kelsey Smith



Dr. Robert Weber ('98, left) and friends Brendan Grant and Dan Moran



Dr. Gordon Yamaguchi ('77), son Dr. Garret Yamaguchi ('08), daughter-in-law Dr. Stefanie Yamaguchi ('10), and their children, Elle and Sofia



Dr. Craig Chilton ('77, center) with son Dean (left) and faculty member Dr. James Newman



Dr. Teresa Yagi ('86) and her friend Melvin Cooley

# WSDA/Dental Alumni Mentor Reception

**HUSKY STADIUM TOUCHDOWN TERRACE ■ OCT. 11, 2018**

The annual Mentor Reception is a feature of the program that matches Washington State Dental Association member dentists, many of them UW dental alumni, with UW pre-doctoral dental students. Great turnout at Husky Stadium this year! ■

*Charmaine Bui ('20) and her mentor, Dr. Nick Parque*



*Dr. Bob Dillard, Lindsey Theda ('20), and Tiffany Do ('20)*



*Elaha Bashizada ('21) and her mentor, Dr. Seung Yu*



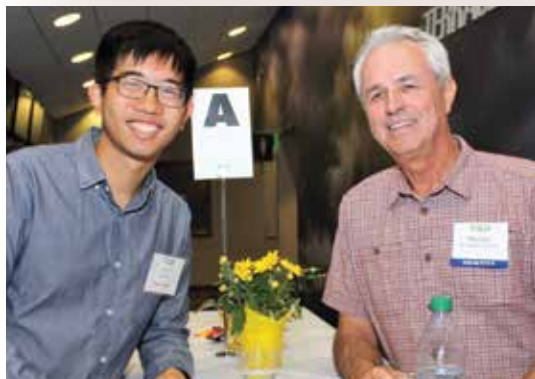
*Stephanie Campbell ('19) and Dr. Daniel Seetin ('11)*



*Victor Bauer ('20) and Dr. Dave Minahan ('75), WSDA Past President*



*David Park ('20) and his mentor, Dr. Dan O'Brien*



*Eric Sun ('20) and Dr. Michael Crowley*



*Dr. Chris Delecki, WSDA President, and Clara Felker ('20) and Micah Bovenkamp ('20)*



Ashley Huynh ('22) and her mentor, Dr. Jace Beattie ('10, Ortho '12)



Dr. Steve Albright and Emmaleigh Cox ('20)



Dr. Kevin McCoy ('12) and Dr. Danny Tremblay ('12)



Dr. Ashley Ulmer and James Lovelace ('21)



## Seattle/King County Clinic

**KEYARENA AT SEATTLE CENTER ■ SEPT. 20-23, 2018**



Emmaleigh Cox ('20) and Natalie Johnson ('20)

Hundreds of volunteers, including alumni, faculty, staff, and students, provided \$1.6 million worth of services to 2,158 patients during this annual event, Puget Sound's biggest pop-up free clinic. Patients also could obtain medical and vision care, and receive referrals for follow-up care. ■



Dr. Diane Daubert of our Perio faculty



Dental co-directors Dr. Jeff Parrish ('79, right) and Dr. Mike Karr ('80) with Seattle Center project director Julia Colson

Volunteers Kathy Olin and Leslie Williams with support dog Chester



Dr. Emily Yopez ('17) and Dr. Jimmy Zhu ('16)



# Ortho 70th anniversary alumni reunion

**SEATTLE YACHT CLUB ■ AUG. 25, 2018**

Our Department of Orthodontics celebrated its 70th anniversary in style, with a reunion welcoming all alumni. ■



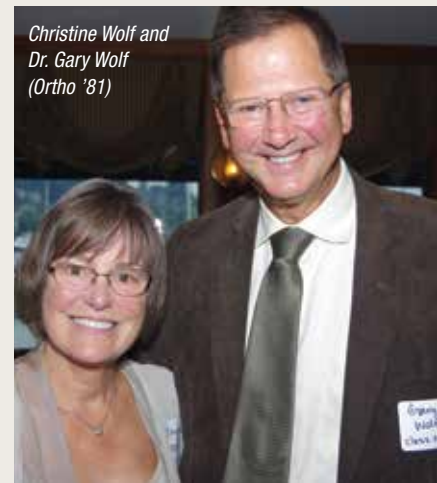
*Dr. Michael Miroue (Ortho '75), Annelle Miroue, and Dr. Greg Huang (Ortho '89), Department Chair*



*Dr. E. David Engst ('72, Ortho '77), Dr. Don Joondeph (Ortho '70), and Andrea Joondeph*



*Danny Gedalia, Dr. Fedora Katz (Ortho '17), and Cooper Engst*



*Christine Wolf and Dr. Gary Wolf (Ortho '81)*



*Dr. John Moore ('74, Ortho '79), Judith Turpin, and Dr. David Turpin (Ortho '66)*



*Dr. Blake Davis ('12, Ortho '14), Samira Davis ('12), and Sam Lake ('79, Ortho '81)*



*Dr. Tung Nguyen, Dr. Bill Proffit (Ortho '63), Dr. Greg Huang (Ortho '89), and Dr. Nick Pandis*



*Diane Shapiro, Dr. Peter Shapiro (Ortho '73), and Dr. Andy Houg (Ortho '60)*



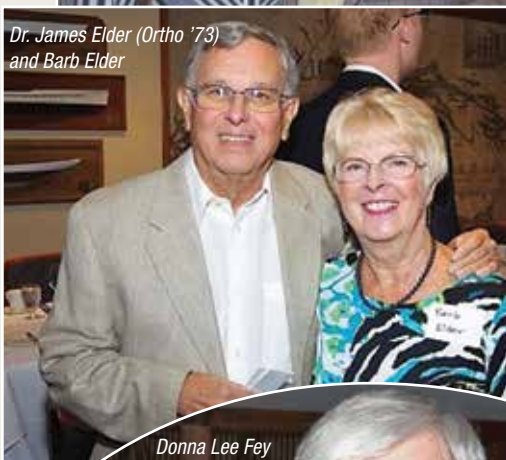
Dr. Mariana Mugerza (Ortho '16) and Dr. Sid Vora (Ortho '13)



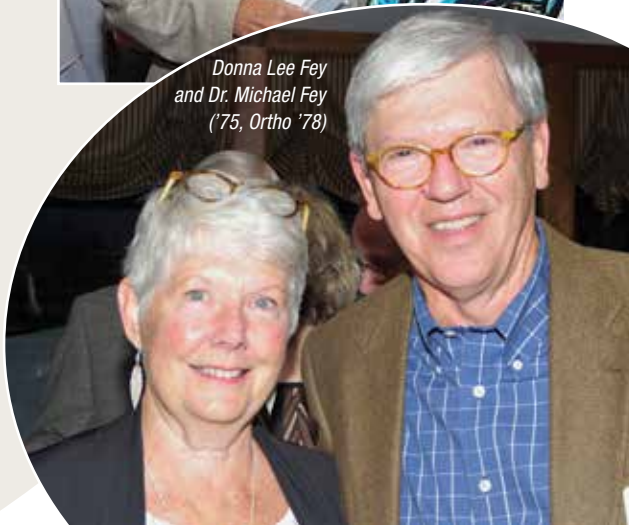
Cristy Damon and Dr. Ward Damon ('69, Ortho '75)



Dr. James Elder (Ortho '73) and Barb Elder



Donna Lee Fey and Dr. Michael Fey ('75, Ortho '78)



Students gather for a spirited moment with Rep. Michelle Caldier ('01) on the Capitol steps.

## Dental Action Day

**WASHINGTON STATE CAPITOL IN OLYMPIA ■ JAN. 31, 2019**

Faculty, students, and WSDA member dentists converged on Olympia to meet with legislators and their staffs to discuss critical issues involving our School and organized dentistry. ■

PHOTOS BY SCOTT EKLUND/WSDA

Flanked by Dr. Kimberly Espinoza (left), our DECOD program director, and Dr. Amy Winston (GPR '04) of Seattle Special Care Dentistry and Swedish Medical Center, Interim Dean Gary Chiodo makes a point in a legislative office meeting.



Students chat with WSDA dentists as they await their next meeting.

The day's busy schedule kept students constantly on the go.





Dr. Sue Coldwell (left), Michelle Brot, and Triscuit

# Alaska Airlines Dawg Dash

**UW CAMPUS ■ OCT. 14, 2018**

The 33rd annual event, now a Husky institution, raises funds for Homecoming Court Scholarships, which go to students who demonstrate outstanding UW and community impact. The 10K run and 5K run/walk never fail to draw thousands of participants, including our faculty, staff, and students. ■



From left: Dr. Sara Gordon, Dr. Linda LeResche, and Carol Harvey are ready to dash.



Our School's team gathers on the steps of Suzzallo Library.

## Beginning a Practice: Practice Opportunities



Dr. Jason Bourne

**SOUTH CAMPUS CENTER  
JAN. 9, 2019**

Students turned out for our Dental Alumni Association's annual event to learn about the challenges of starting a practice and about some of what might be available. Speakers included Dr. Jason Bourne ('01), our Alumni Association President; Dr. Mark Drangsholt ('84), Chair of Oral Medicine; Dr. Laurianne Sakai ('16), Dr. David Zhu ('07), and Dr. Tyler Lee ('12). ■



Dr. Tyler Lee



Yes, Uncle Sam wants you if you're a graduating dental student.



Dr. Philip Anderson (right) receives his award from School of Nursing Associate Dean Butch de Castro, a member of the MLK event planning committee.

## Martin Luther King Jr. Tribute honors Dr. Anderson

**UW HEALTH SCIENCES CENTER ■ JAN. 17, 2019**

Dr. Philip Anderson ('72) of our Restorative Dentistry affiliate faculty received a Community Volunteer Award during the 20th annual MLK observance at Health Sciences. In addition, Dr. Donald Chi ('06) of our Oral Health Sciences faculty moderated a discussion of the role of health equity in serving the community. ■



# Imagine Our Future

## A new Campaign for Clinics seeks long-overdue upgrades

BY STEVE STEINBERG DENTAL ALUMNI NEWS EDITOR

The new UW Health Sciences building now planned for our School and the five other Health Sciences schools (Medicine, Pharmacy, Nursing, Public Health, and Social Work) will be something to behold. The 110,000-square-foot facility will have modern, flexible spaces and technology to facilitate interdisciplinary learning and continuing education.

If the rest of the funding comes through this year, the new building could be completed as soon as 2022. But it will be primarily a classroom facility with only limited clinical capacity. That means that our School of Dentistry must still rely on our current 70-year-old clinical facility for the foreseeable future. And that's not an option unless major improvements are made.

"We do not need a new dental school," says Interim Dean Gary Chiodo, "but we need to seriously fix the one we have."

### AGING CLINICAL SPACE

"The clinical space is not at all what we want it to be," he says. "Walking through the D-1 Simulation Clinic and our clinical spaces, you can see that the equipment is past its expiration date. It's worn out, old, uninviting."

He enumerates some of the issues: Torn dental chair upholstery makes proper cleaning a challenge. Cabinets are cracked and gouged. Sinks are scratched. There are privacy issues: Operatory partitions are only shoulder height, so students and patients must keep their voices way down.

"We need to replace all the chairs, cabinetry, and partitions in D-3 and D-4," Dean

Chiodo says. "Our patients understand that they are coming

**"We do not need a new dental school, but we need to seriously fix the one we have."**

— INTERIM DEAN GARY CHIODO

*Above: Kicking off the campaign on March 9 at Husky Stadium, Dean Chiodo said, "We can and we should be No. 1. We absolutely can do this."*

# “State-of-the-art technology must start in the Simulation Clinic and continue seamlessly into the patient clinics.” – DEAN CHIODO

to a dental school for their care; however, when they arrive, the appearance of our facility is not inviting. We need to make our environment as appealing as any other dental clinic.”

Our School’s technology must be upgraded as well, he says: “We need to add electric hand pieces, so students will be learning with both the electric and air turbine technology. State-of-the-art technology must start in the Simulation Clinic and continue seamlessly into the patient clinics. This includes CAD/CAM technology related to digital dentistry.” (See related story on Page 29.)

All of this renovation and technology comes at a cost, which has virtually no chance to be covered by the Legislature. Philanthropy must meet the need, which is why, on March 9, at a special event at Husky Stadium, our School officially launched its new Campaign for Clinics. The theme: Imagine Our Future.

With a crowd of alumni, faculty, and students on hand, Dean Chiodo showed slides depicting some of the disrepair in the School’s clinics to underscore the urgency of the campaign. However, he also emphasized that “it’s not just the physical infrastructure [that needs upgrading] – it’s also the information technology, the substructure. Our capital campaign is 100 percent devoted to fixing this.”

UW Provost Mark Richards, who followed Dean Chiodo to the podium, called our School “a fantastic program. It’s a crown jewel of the University of Washington.” Citing the UW’s growing focus on population health, which involves our School, he said, “We couldn’t be at a better time for the School of Dentistry to be poised for true greatness.”

He also praised Dean Chiodo’s leadership and added, “We’re absolutely certain that this wonderful future we imagine for the School of Dentistry will be realized with your help.”

UW President Ana Mari Cauce was unable to attend but sent a message which Dean Chiodo read to the crowd. It said in part: “The School of Dentistry is already a magnet for outstanding faculty, stellar staff and talented students. With this campaign,



*Dozens of clinic chairs urgently need replacement, not only for patients but for providers as well.*

together, we will ensure they have the tools and facilities to unleash their full potential and maximize their impact on the world.”

Washington State Dental Association President Chris Delecki also spoke, saying, “I understand how important it is for faculty and staff to be in one of the best facilities and best work environments.” Patients, too, deserve a better facility, he said, regardless of their income or insurance coverage.

“A focus on infrastructure will help us recruit and retain the best faculty and students,” added Dr. Mark Drangsholt, Chair of Oral Medicine and Chair of our Faculty Council.

## MUCH IS AT STAKE

To be sure, the Campaign for Clinics is an ambitious proposition. But it would be unimaginable for our School to do nothing, Dean Chiodo says.

“Our standing in the United States and in the world is at stake,” he says. “No matter how good our curriculum and faculty may be, you cannot continue to maintain this standing if the equipment is dated, technology antiquated, or clinic uninviting. This is an issue that’s urgent to address.”

At the same time, Dean Chiodo hopes alumni and friends of our School will share his excitement at the prospect of taking the next step forward for our students and faculty. He en-

thus over the possibilities for the Simulation Clinic:

“You can actually put on haptic goggles, and the instructor can instruct all students at once, and you don’t even have to be in the room. That technology exists now. Short of that, there’s also technology that’s been out there for a while – a virtual patient and instruments. Students look through the goggles and pick up a virtual instrument and do a procedure on a virtual tooth, and the feel is exactly the same



*The D-1 Simulation Clinic, the hub of our School’s pre-clinical instruction, could greatly benefit from digital technology upgrades.*

## “A focus on infrastructure will help us recruit and retain the best faculty and students.”

– DR. MARK DRANGSHOLT, CHAIR OF ORAL MEDICINE AND CHAIR OF THE FACULTY COUNCIL

as the real thing. And when you finish the procedure, you get a readout of the parameters of what you did.

“So the expectation is that if you’re going to do a crown preparation with a 5- to 7-degree axial taper and a millimeter and a half of occlusal reduction, you finish it virtually and the readout shows you exactly how close you got to those parameters. Plus, the instructor can set parameters so it’s color-coded in terms of what’s enamel, dentin, and cementum, but you can also color-code for caries. So you can see how well the student did on caries removal without getting a pulp exposure and still designing the preparation appropriately. It’s amazing!

“Those are the kinds of things we need to think about long-term. If we’re successful in this campaign with getting the funding we need for critical improvements, that will bring us to current standards and we will maintain our national and global rankings, and deservedly so. However, I want to plan for the future and establish a funding resource so that we may stay in front of developing technology and never again be in a position of needing to replace, remediate, and improve so much so fast.”

### SHOPPING SMARTLY

The Dean has already begun talking with suppliers about operatory improvements and will shop for good deals not only on those but on the other equipment as well.

“We’re looking at the dental supply companies providing

this equipment to the School at the academic rate,” he says. “They want their instruments and equipment in the hands of students so that’s what they’re used to, and when they graduate, that’s what they’ll buy. Another benefit is that they build their equipment to stand up to students. Students are not easy on equipment!”

He sees yet another benefit to equipment upgrades: a standardized appearance throughout our clinics that could help faculty as well as students.

“As the UW Dentistry faculty practice grows in D-4, if there’s a need for more operatory space and students aren’t using all the operatories in D-3, we can let faculty use that space as it’s available,” he says. “Our operatory space is adequate. It’s a good footprint, and we can work with it. Our brand as ‘UW Dentistry’ has cachet and we have the opportunity to realize the maximum benefit of that brand.”

“The UW has long had a reputation of training some of the finest dentists in the nation,” said third-year student Gavin McNelis, president of our Student Council, at the kickoff event, “and we need to stay on that path.” He also quipped, “If it’s within your means, consider throwing some Dawgs a bone.”

Dean Chiodo closed the kickoff event by reiterating our School’s steady march upward in national and world dental school rankings. He concluded: “We can and we should be No. 1. We absolutely can do this.” ■

# Digital Dentistry Initiative:

## What our future looks like

**I**nterim Dean Gary Chiodo says he frequently hears this question from our alumni and other WSDA member dentists: “What are you doing to teach digital dentistry?”

Not as much as our School could be doing, he believes – but that’s going to change, and soon. A new initiative, spearheaded by Drs. Daniel Chan and John Sorensen of Restorative Dentistry, seeks to augment our digital equipment



*Dr. Daniel Chan*



*Dr. John Sorensen*

and beef up that portion of the curriculum. The Digital Dentistry Initiative is a major part of our new Campaign for Clinics.

Digital dentistry is already familiar terrain to today’s practicing dentists. Computers and other digital technology have reached into almost every corner of the profession, starting with computer-aided design/computer-aided manufacturing (CAD/CAM), which has profoundly affected restorative

# “The Digital Dentistry Initiative is one of the most exciting things I’ve seen since I’ve been here.”

— DR. DANIEL CHAN, CHAIR OF RESTORATIVE DENTISTRY

procedures, patient satisfaction, and quality. Patients now can get a permanent crown fabricated and placed in just one appointment when the dentist uses an intraoral scanner to send 3-D images to a CAD/CAM milling machine.

Digital technology is also employed in caries diagnosis, implant dentistry, and occlusion and TMJ analysis and diagnosis, among other aspects of practice. All of this makes it more important than ever that our students have a solid grounding in this field before they graduate. Dean Chiodo has repeatedly stated that our graduates will be asked about this service on the first day that they enter practice.

## FOCUS ON PRE-CLINIC

“This is all about modernizing our pre-clinical instruction, which is the foundation for clinical practice,” says Dr. Sorensen, who is director of the B4T laboratory and Research Director for our Graduate Prosthodontics program. There, he’s seen how interest in digital dentistry has burgeoned in recent years, with four out of five graduate resident theses in the past two years related to digital technology and the dental materials used for CAD/CAM.

“Maybe 40 percent of our pre-docs are exposed to digital dentistry now,” he says. He’d like to see the instruction start as early as pre-dental courses.

Work began about a year ago on the initiative itself, although “we’ve actually been working on the IT end of this

*Tools of the digital dental trade (from top): An intraoral scanner and monitor, a four-axis wet milling machine, lithium disilicate blocks for crown fabrication, and a 3-D printer.*



for several years,” says Dr. Chan, our Chair of Restorative Dentistry. Second-year students have already been practicing with an intraoral scanner in Dr. Yen-Wei Chen’s pre-clinical course for the last few years, but it’s time for the next big step.

Dr. Chan and Dr. Sorensen have mapped out three major phases of implementation. The first would be to acquire the necessary E4D Technologies hardware and Compare® software. Students using it would scan their tooth preparation, after which the software evaluates their work. The self-analysis software provides a color-coded 3-D analysis of preparation wall taper, over- or under-preparation, and quality of margin preparation.

“To prepare our students for practice after dental school, our goal is to have students be exceptional at self-assessment, since the single most important skill is self-evaluation,” Dr. Sorensen says. “The objective evaluation system takes pressure off of the faculty by making the grading system independent and unbiased.”

The second phase would entail CAD/CAM training in chairside milled restorations, including crowns, veneers, and onlays. The technology can help students improve their esthetic analysis and smile design skills, and that’s just for starters.

“For digital implant prosthodontics, implant software can go through the entire process from A to Z, starting with site assessment and treatment planning,” Dr. Sorensen

# “This is all about modernizing our pre-clinical instruction, which is the foundation for clinical practice.”

— DR. JOHN SORENSEN, RESEARCH DIRECTOR, GRADUATE PROSTHODONTICS

says. “The user can perform a virtual surgery and create a surgical guide for the real thing. Users can pre-design and mill temporary and permanent restorations. With our faculty and students working together, we will have almost complete in-house control.”

The third phase comprises hiring a specialized digital dental technician who will work with and teach the students in creating in-house CAD/CAM lab work for their patients.

Students will witness firsthand the design and milling as well as shading, staining, and glazing. The digital technician will monitor and maintain scanners. A separate IT support position would also be required, especially given how rapidly the technology is advancing.

The shopping list also includes E4D software for single-crown design and restoration, another milling machine, and two more intraoral scanners. “Ideally, we’d have a scanner for every hexagon in the Simulation Clinic,” Dr. Sorensen says. In the D-2 and D-3 pre-doctoral clinics, students could do a crown prep in a morning appointment, then work with the lab technician on fabrication, then place the crown in the afternoon.

Another important tool is the 3-D printer, which can fabricate surgical guides that make procedures reproducible and reliable. Also, the 3-D printers and milling machines can design and fabricate abutments for crowns, Dr. Sorensen adds.

“We can use E4D software for Fixed Prosthodontics and Operative Dentistry courses – things like a two-surface composite prep,” he says. “It’s also applicable for Removable Prosthodontics. Instead of having the lab send us a wax-up of a metal frame for dentures, it sends us three or four screen captures for approval.”

## NOT JUST FOR RESTORATIVE

Dr. Chan also says digital dentistry would be taught not only inside but outside his own department. “It would also be used by Orthodontics, Periodontics, and Oral and Maxillofacial Surgery,” he says. It’s especially well-suited to Orthodontics because of its superior minor tooth movement and retainer production capabilities, he notes.

Digital dentistry proponents say the other advantages speak for themselves. “It lets us work in 3-D and gives us more control in



*The oral scanner maps the oral cavity in precise three-dimensional detail more accurately than old-fashioned impressions.*

all aspects of prosthodontic and implant dentistry,” Dr. Sorensen says. “In a clinical study here at the UW with Drs. Chen and [Alireza] Sadr, we found that nearly 80 percent of posterior digital ceramic restorations needed no occlusal or proximal adjustment. It’s a big improvement over the old way. And when you design in advance, you can cut the chair time in half – and

patients love it.”

The time savings are also huge for design and fabrication of full arch implant-supported provisional prostheses, he says. The Graduate Prosthodontics residents and Periodontics residents have collaborated in digital planning, surgical guides, and fabrication of immediate full arch provisional prostheses for more than five years.

Faculty practice will benefit too. “We also have big plans to bring these digital technologies to the UW Dentistry clinic,” Dr. Sorensen says.

Dr. Chan also sees a significant environmental benefit, given that students often need to take two or three impressions to get a good cast. “Using the old-fashioned plaster casts, every year we have to dump tons of plaster,” he says. The intraoral scanner eliminates that problem.

“The Digital Dentistry Initiative is one of the most exciting things I’ve seen since I’ve been here,” he says. ■

## Want to know more?

For more details about the Digital Dentistry Initiative, contact Dr. Chan at [dcnchan@uw.edu](mailto:dcnchan@uw.edu) or Dr. Sorensen at [jsoren@uw.edu](mailto:jsoren@uw.edu).

To support the Campaign for Clinics, please contact one of these members of our Advancement Office team: Randy Newquist at [randyn@uw.edu](mailto:randyn@uw.edu), Doug Day at [daydoug@uw.edu](mailto:daydoug@uw.edu), or Greg Croak at [gcroak@uw.edu](mailto:gcroak@uw.edu).

## Dr. Ken Morrison 1917-2019

Dr. Ken Morrison, our School's first Chair of Restorative Dentistry and an early member of our faculty, passed away on Feb. 9 at his home in Seattle. He was 101.

Dr. Morrison became Chair of a new department created in 1970 with the merger of the School's Department of Fixed Partial Dentures and Department of Operative Dentistry. He was also an alumnus, having received an MSD and Restorative Dentistry certification here in 1952 after obtaining his DDS at the University of Toronto in 1943.



*Dr. Ken Morrison*

His colleagues included some of our school's most notable figures, including Dr. Gerald Stibbs, Dr. Saul Schluger, Dr. Eugene Natkin, and Dr. Gerald Harrington.

"He was the consummate clinical operator," said Dr. Marty Anderson of our Restorative faculty. "Moreover, I came to admire his administrative and intellectual skills as a teacher and leader in our dental school."

Calling Dr. Morrison trustworthy, honest, open, and sincere, Dr. Anderson added: "Ken was a consensus builder who was open and truthful with his faculty and staff. We all worked together and could exchange differing or opposing points of view in sometimes heated debate, with mutual respect and without fear of retribution. ... He was admired by his faculty, staff and his students. It is an honor to have known him as a teacher, colleague and good friend."

"Dr. Morrison played an instrumental role in building a great department, and will be missed by all those who knew and worked with him," said Interim Dean Gary Chiodo.

A native of Canada, Dr. Morrison joined our faculty in 1948 and became Professor and Chair of the Department of Fixed Partial Dentures in 1965. He also practiced privately in Seattle. He was a member of numerous dental societies, mentored study clubs, and authored more than 20 abstracts and research publications.

Dr. Morrison's family requested that those who wish to honor his memory contribute to our School's new Campaign for Clinics or to the Department of Restorative Dentistry. ■



**Dr. Jeffrey McLean** of Periodontics and his colleagues at the Forsyth Institute have received a five-year, \$2.4 million grant from the National Institute of Dental and Craniofacial Research to continue research on their recently discovered ultra-small parasitic bacteria with tiny genomes associated with oral mucosal diseases. Dr. McLean and his cohorts have successfully cultivated and sequenced TM7x, the first member of the uncultivated TM7 phylum from humans. It is part of a microbial community known informally as "bacterial dark matter," which has been extremely difficult to cultivate in the lab.



**Dr. Mark Schubert**, Professor of Oral Medicine, was scheduled to retire at the end of March. In addition to his teaching duties here, Dr. Schubert devoted more than 25 years of service to the Mountain West AIDS Education Training Center as Dental Director. In that position, he provided HIV-related education, outreach, and capacity building to dental health providers in the Northwest Region. Dr. David Spach, the Center's director, said, "His long-term dedication in this field has helped so many health professionals to better diagnose, manage, and prevent oral complications in persons living with HIV."

**Dr. Rolf Christensen** of Oral Medicine, who will assume Dr. Schubert's role at the Center, has played an active role in the professional response to proposed Washington legislation requiring the state's various health commissions to develop requirements for prescribing opioids. In 2017, he worked with the Dr. Robert Bree Collaborative to co-author the "Dental Guideline on Prescribing Opioids for Acute Pain Management." He was also recently appointed to the Antimicrobial Stewardship Advisory Committee of the Washington State Department of Health, and will present in June at the Pacific Northwest Dental Conference.

**Dr. Iain Hart** joined the GPR faculty in January after completing a residency in 2018. A native of Kelowna, B.C., he attended McGill University Faculty of Dentistry. ■



DR. AMY KIM

*Clinical Associate Professor of Pediatric Dentistry*

## Finding rewards in a packed schedule

Our faculty members often wear more than one hat, and few can claim a more impressive assortment of headgear than Dr. Amy Kim.

In addition to her Pediatric Dentistry post, she has served since 2017 as Associate Director of our award-winning Regional Initiatives in Dental Education (RIDE) program. She holds an appointment in our Department of Periodontics and also played a key role with the UW's Center for Health Sciences Interprofessional Education (CHSIE). This Health Sciences-wide initiative has significantly influenced the university's interprofessional education curricula, including Dentistry's, in the last several years.

On top of that, she's an active researcher who serves as an alternate member of the UW's Institutional Review Board and leads a band of colleagues in a program called Early Childhood Oral Health Training, or EchoTrain. This year-old federally funded interprofessional training program seeks to improve access to dental care for children ranging in age from the first year of life through 5 years. To date, the team has produced 13 videos and six learning modules.

Dr. Kim, who has completed more than three dozen research projects, is also principal investigator for an Access to Baby and Child Dentistry (ABCD) grant from the Washington state Health Care Authority. ABCD, which is credited with helping achieve major strides in our state's pediatric oral health in the last two decades, is close to her heart. She's especially excited about future prospects of expanding ABCD-type provider training and beefing up reimbursement for special-needs pediatric dentistry.

It's been quite a journey for the former English literature major who earned her BA at the University of Michigan. "I always loved literature. It was something I wanted to pursue. ... I didn't think I would end up in health care." The aspects of medicine requiring a strong stomach didn't appeal to her, but dentistry was a different matter. "You help people stay healthy and improve their self-esteem," she says, and she's also put those writing skills to good use while drafting research papers and grant proposals.

"I grew up in a family where higher education was very important," she says. She was born in Seoul, South Korea,

to parents who each held both an MD and a PhD, and her brother is also a physician. The family left in late 1979, when she was in third grade. Settling initially in California, they moved to Michigan when her father entered a medical re-training program at Michigan State University. After Amy completed her BA and decided on dentistry, she stayed at Michigan for dental school.

After graduating, she worked in clinical research and spent time in private practice. In 2010, she headed for the

UW as a research coordinator with our Northwest PRECEDENT program. From there, it's been a tale of expanding collaborations and new responsibilities.

With RIDE, she initially concentrated on recruitment and admissions. Her role evolved more into leadership with the retirement of Dr. Wendy Mouradian, RIDE's founder, and Dr. Frank Roberts' elevation to program director. "It is such a cool thing to be part of," she says. "I get to see [the students] evolve from applicant to graduate and become leaders in the community."

When looking for RIDE candidates, she says, the biggest thing is finding students who don't just talk the talk. "A simple desire to practice in Eastern Washington and other rural areas isn't enough. They need to show a sustained record of commitment to service."

She recently concluded a two-year term as CHSIE co-director, a rotating post. Now she co-directs an interprofessional course for 600 Health Sciences students, including dental students.

In addition to producing new clinical instructional content, EchoTrain's team is also discussing possible rotations by Shoreline Community College dental hygiene students at our Center for Pediatric Dentistry. Dr. Kim is also working with the UW School of Medicine to add more oral health content to the curriculum.

And she deeply appreciates the opportunities she's had here, thanks to those who hired her for all those different jobs – the former deans and people like Dr. Mouradian and Dr. Roberts. She also expresses gratitude to the Pediatric Dentistry leadership, especially Dr. Travis Nelson, that supports her in ABCD and research work. "I'm grateful to all of them," she says. ■





## DR. KERRY ISHIHARA

### *Dental missions fueled by faith*

**E**arly in his career, Dr. Kerry Ishihara ('84) of Hawaii heard a dental missionary speak at his church, and he marveled at the dentist's dedication.

"I thought that I would want to do that someday," Dr. Ishihara says, but at the time, it was hard to find any space in his crowded schedule. Aside from his busy private practice in Wahiawa, about 20 miles from Honolulu, Dr. Ishihara also served in the Army National Guard. That had followed his initial four-year tour of duty in South Korea and Hawaii to repay his undergraduate ROTC scholarship. On top of that, he and wife Joni were raising two daughters. He did volunteer with Aloha Medical Mission, Hawaii's only free dental clinic, treating uninsured, low-income patients. But he never relinquished his desire to serve abroad as a dental humanitarian.

In 2006, he retired from the Army after 21 years. His daughters were grown. It was time.

He started volunteering for overseas trips, all of them faith-based. As with so many other dentists, his desire to serve those in need is yoked to deep religious belief.

"I am supportive of the good that humanitarian missions do for people around the world, but my Christian faith compels me to bring more than health care," he says. "The opportunity to bring the Gospel of Jesus Christ to people who never heard of Him compels me to do faith-based mission trips." Recently he traveled to Myanmar with Health Teams Inter-

national, a Christian organization that conducts missions to countries all over the world. He's had the pleasure of sharing some of those trips with his dental school classmate and good friend Dr. Bob Sekijima.

Although largely basic, the work is demanding. "Though some restorative work is done, most mission trips involve extracting teeth," he says. "Most people in these countries cannot afford to have dental work done. There is no preventive dentistry and so we are there to alleviate any pain and/or infection during the time we are there. The weather is very challenging often, especially in Southeast Asia – very humid and very primitive conditions. Often we work with patients sitting on chairs or lying on a table. Bob has a portable dental unit that has a hand piece and suction capability for when we run into difficult cases."

There can also be the inevitable frustration that accompanies care with limited or no opportunities for follow-up. "In Cambodia, a patient came to us with swelling in the lower right mandible," he says. "We extracted two teeth and tried to obtain drainage through making an incision. I think I must have curetted a pound of granulation tissue." It turned out that the patient had some kind of cancer in his jaw, but the dental team never had a chance to learn the outcome.

Dr. Ishihara started thinking about a dental career in high school after seeing how much his own family dentist enjoyed his work. After he earned a degree in biology at the UW, he entered our School. He retains fond memories of his instructors here, including Dr. James Brudvik, Dr. Jack Nichols, Dr. David Drennon, Dr. David Pitts, Dr. Bob Faucher, Dr. Ian Hamilton, Dr. Marty Anderson, and Dr. Sally Smith. He has also supported our School generously over the years.

He retired from private practice last July, and he and Joni are enjoying their extra freedom – that golf game needs some work! – and watching their daughters' careers thrive. Kelli, 29, is an Army physician in her third year of general surgery residency. Torri, 27, teaches math at a Hawaii middle school but is currently deployed with the National Guard in Kosovo.

"I tell them that in every generation, there are people who need to serve to support and defend our great country," he says. "I was just as proud at their commissioning ceremonies as at their actual graduation."

With more time available now, he has tripled his time at the Aloha Medical Mission Clinic and is eyeing more trips abroad – "as God leads."

He shares an important lesson he has taken from his mission trips: "As Americans, we have been blessed by God to have the type of lifestyle that the rest of the world does not have. Yet the people that I have been able to serve are still joyful and happy. Every American needs to see how other people in the world live so that we can know how fortunate and blessed we are." ■

*Above: Dr. Kerry Ishihara and his wife, Joni*

# volunteer honor roll

Since its founding in 1946, the UW School of Dentistry has benefited significantly from the generosity of countless individuals who have helped ensure that the School remains an institution of distinction. Through supporting students, inspiring faculty, developing innovative programs, and improving the School's facilities, the leaders listed in the annual Volunteer Honor Roll have demonstrated a commitment to excellence in the study and practice of dentistry, and in oral health research.

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Alexander Pozhitkov  
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Sue Vetter



Rosario Palacios

# The History Project

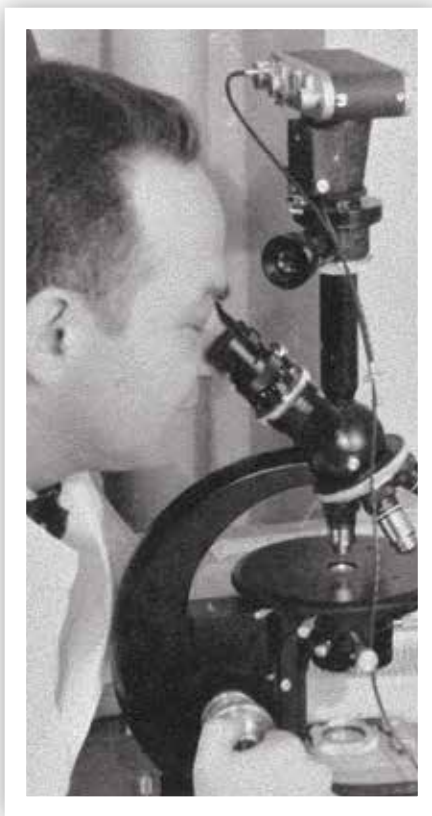
## Remembering our School, our people, our times

The History Project captures the memories of our alumni and selected senior or emeritus faculty members, with excerpts appearing in the Dental Alumni News. To see the full versions, please go online to <https://dental.washington.edu/>. Click on “Connect” in the “Alumni & Friends” pull-down menu, then look for “History Project.” If you’d like to share your memories, please send a note to [ss55@uw.edu](mailto:ss55@uw.edu) with “History Project” in the subject line.

### Dr. Leo M. Sreebny

#### Former director, UW Center for Research in Oral Biology

Dr. Leo M. Sreebny, 97, a native of the Bronx, New York, received his dental education during World War II in the Army Specialized Training Program. He earned his DDS in 1945, a master’s degree in pharmacology in 1950 and a PhD in pathology in 1954 from the University of Illinois. In 1957, Dean Maurice “Jack” Hickey recruited Dr. Sreebny to our School to establish a Department of Oral Pathology and to encourage research in the basic sciences relevant to modern dental treatment. Dr. Sreebny also held a joint appointment in the Department of Pathology of the UW School of Medicine. Soon after his arrival, he established a Clinical Pathology Lab to assist dentists and physicians with the diagnosis, treatment, and prevention of oral diseases. Additionally, he developed a curriculum for the teaching of oral histology and oral pathology. In 1961, as a reflection of the expansion of the department, an increase in its teaching responsibilities and the greater diversification of its research, the Oral Pathology Department changed its name to the Department of Oral Biology, and is now the Department of Oral Health Sciences. In 1967, Dr. Sreebny was awarded a grant from the National Institute of Dental Research to establish a regional dental research center, which was named the Center for



From a 1959 yearbook: Dr. Sreebny at the microscope.

Research in Oral Biology. He served as the Center’s director until 1975, when he left to become Dean of the School of Dental Medicine at the State University of New York at Stony Brook.

**Dean Hickey:** Jack Hickey was the most liberal and far-reaching dean, with

a huge imagination about what a dental school should be. He had an MD in addition to a DMD, and he fought in the war as an oral surgeon. He then accepted the job of dean at Columbia University [School of Dental Medicine]. He came to Washington in 1956. It was incredible to work for him, and he was just a nice human being. If you came to him and you put up a case, he rarely said no, and he usually offered to help. Now, that’s an unusual dean.

**Colleagues:** John Ingle was a remarkable department head and was involved with my recruitment to the UW. Ken Morrison was the superb Chairman of the Department of Restorative Dentistry. Alton Moore was the founder and distinguished Chairman of the Department of Orthodontics. I first met Al when he and I were both at the University of Illinois School of Dentistry. Sam Dworkin brought another dimension to the school. He was involved with clinical testing and with public health, and that was another great development in the School. Oh, Saul Schluger, he was a school character. He was a quintessential New Yorker. He never got over his ties, both clinical and emotional, in favor of New York City. All these people had imaginations, and it was an amazing environment in those days.

## Establishing a new department:

I was a bit scared, having never done this in my life, but I was very excited. I was about 35 years old. I was given an office and labs in the basement of the building. The first man I hired was George Yamani, an oral pathologist who was board certified and could do all the work with the biopsies from the School. George was the first person of Asian descent (Japanese) on the School faculty. I also hired Cyril Enwonwu, a dentist and a superb biochemist with a degree in nutritional biochemistry and metabolism from the Massachusetts Institute of Technology. His primary interest was in protein-calorie malnutrition. Dr. Enwonwu was an Igbo from the Biafran state of Nigeria. He was here on a visa when the civil war broke out between Biafra and the Nigerian government in 1967. The Nigerian government was trying to get him back. So, I asked [U.S. Sen. Henry] Jackson to intervene, and Jackson introduced a bill to make him a citizen of the United States. At varying times, other distinguished members of the Department included Pat Keller, a biochemist; Ivens Siegel and Ken Izutsu, pharmacologists; Arnold Tamarin, a histologist; Russell Ross, a pathologist; Dorthea Johnson, an oral biologist; Murray Robinovitch, a periodontist; and Robert Redman, a pathologist.

Then I had to hire an administrative assistant. I'd never interviewed anybody for a job like that. A number of people came in who weren't qualified. Then this lady came in and she seemed OK. I asked her, "Do you take shorthand?" She said, "You're so antiquated! You can

speaking into a microphone, and I can record it." So, I hired her, Darlene Treneer, and she was incredible. She worked for me for about 10 or 12 years, and then she worked for the head of the medical school, and then the president of the university. She was really fabulous.

**Establishing the Center for Research in Oral Biology (CROB):** The Health Sciences Division of the UW was an exciting place to work, because many things were being established. There was no hospital and only a few



Dr. Leo Sreebny lives in Seattle today.

research centers. Most of the discussions were focused on the development of the University Hospital. At about the same time, in Bethesda, Maryland, the National Institute for Dental Research (NIDR) was promoting the formation of regional research centers. Centers were being considered at the Universities of Michigan, Pennsylvania, Alabama and North Carolina. I wondered, could we establish a regional center at the University of Washington?

I consulted with a lot of people on

campus: in the dental school, the clinical and basic sciences of the medical school, the College of Engineering, even the School of Fisheries, just to see if I could whip up some enthusiasm to work with diseases that could have relevance to oral problems. The response was wonderful. People here were quite receptive to this concept. So, I decided to apply for such a grant. In my application, I said, "Look, I've never done this before, and I have no idea if it will work, but these are the interests expressed to me, and I really think we can do this."

... Representatives of the NIDR came and visited us, and I was shocked when we got the award. It was an amazing and wondrous experience!

I was an idea man, and it was my image that – fortunately or unfortunately – the Center reflected. Dan [Middaugh], on the other hand, was a detail genius. I recruited him to be the assistant director of the Center. You gave him anything to do, he came up with the specifics and was excellent at it.

The Center for Oral Biology, like other Centers of the University of

Washington, expanded the research capabilities of these units in their select fields and they provided opportunities for students to pursue advanced degrees. They also increased the public awareness and understanding of their respective missions. For example, the CROB was particularly involved with Seattle's development of a policy regarding the fluoridation of its water supply. The Center also sponsored the first international conference on the salivary glands and their secretions. ■

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**With a new curriculum** and rising patient numbers, our School needs affiliate faculty volunteers more than ever.

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**For information on joining our affiliate faculty, please contact Christina Wee in our Dean's Office at [cwee@uw.edu](mailto:cwee@uw.edu).**



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The UW School of Dentistry relies on the annual contributions from our many Business Partners in support of students, faculty and programs. We encourage alumni and friends to consider these organizations that give so generously to our School.

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# Support rests on solid foundations

**B**uilding support for any program starts with a good foundation. For our Department of Pediatric Dentistry, two good foundations are even better.

The Anderson Foundation and the Beverly J. Jewell Memorial Foundation are two of our Business Partners whose support has helped underwrite much-needed dental care for the children of our community. These include children with special needs, from underserved populations, or at high risk of dental disease.

## THE ANDERSON FOUNDATION

The Anderson Foundation, begun in 1953 by William and Jeanne Anderson, has always focused its philanthropy on education, health and medical research, and social services. In 2012, the Anderson Foundation began supporting our School's Center for Pediatric Dentistry after having supported our DECOD special-care program for adults with developmental or acquired disabilities. A tour of The Center had left a deep impression on William and Jeanne's great-granddaughter, Katharine, who used to take children to dental appointments at the UW when she worked at the university's Experimental Education Unit. "There was little question that this was a project that was worth the Foundation's support," she says.

Katharine says Charles Anderson, who with his sister Dorothy managed and funded the foundation after their parents passed away, firmly believed in helping vulnerable children and young adults, people in underserved populations, and those with physical challenges. Since dental health is so closely tied



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**"Partnerships with the Anderson Foundation and the Jewell Memorial Foundation have enabled UW Pediatric Dentistry to provide needed dental care to children who would otherwise have gone without treatment. We are incredibly grateful for their generous support."**

– Dr. Travis Nelson, Acting Chair of Pediatric Dentistry

to physical health, The Center's work aligns closely with the foundation's mission, she believes: "It is the Foundation board's hope that early intervention and treatment will allow those served at The Center for Pediatric Dentistry to lead healthier lives."

## THE BEVERLY J. JEWELL MEMORIAL FOUNDATION

The Beverly J. Jewell Memorial Foundation was established by Peter Moore to honor the wishes expressed by his aunt before she passed away. During a career in construction and as successful property investors in

Tacoma and Scottsdale, Ariz., Beverly Jewell and her husband, Harold, had given generous support to organizations that addressed children's medical needs. That support continues through their foundation with contributions to programs including St. Jude's Children's Research Hospital, Shriners Hospital, summer camps for children with cancer and medical disabilities, and Operation Smile for children needing cleft palate surgery.

In 2010, the Jewell Memorial Foundation extended its circle of support to the UW with contributions to the Peter K. Domoto Fund, which was created in 2002. The fund honors the work of Dr. Domoto, the iconic former chair of the Department of Pediatric Dentistry, who was known for his efforts to improve children's access to dental care. The fund provides care for children who don't qualify for aid and who are referred to the UW by community resources. It also helps dental students learn about the impact of dental disease and inadequate access to care.

"When my father, Earl Moore, was alive he was on the board," Peter Moore says. "He was a UW graduate and also a WSU graduate in veterinary medicine. He had a strong interest in oral health and felt the Domoto Fund provided important services for those in need."

"Partnerships with the Anderson Foundation and the Jewell Memorial Foundation have enabled UW Pediatric Dentistry to provide needed dental care to children who would otherwise have gone without treatment," says Dr. Travis Nelson, Acting Chair of Pediatric Dentistry and director of The Center for Pediatric Dentistry. "We are incredibly grateful for their generous support." ■



*A sampling of current studies at the School of Dentistry (some abstracts may be condensed)*

## **Fibrous Dysplasia**

**PI: Dr. Andrea Burke**

**Funding: Oral and Maxillofacial Surgery Foundation**

Fibrous dysplasia is a rare mosaic disease of bone marrow stromal cells, caused by post-zygotic somatic activating mutation in the gene *GNAS*. Normal bone and marrow are replaced by fibro-osseous tissue, which may lead to fractures and deformity. The population with craniofacial fibrous dysplasia (CFD), including lesions in the face, jaws, skull or skull base, is the largest subgroup. Expansile bony lesions may lead to facial asymmetry and distortion of features, bone pain and headaches, sinus or dental problems, or rarely, impairment of vision or hearing. Few clinicians outside tertiary care centers have experience with CFD, and most literature is in the form of case reports (CR). CR indicate that craniofacial surgery should be performed to treat functional problems or for cosmetic purposes, to mitigate patient's experience of social stigma and improve self-esteem. CR support bone biopsy, re-contouring procedures, and resection +/- reconstruction. National Institutes of Health investigators have examined cases of CFD surgery, and noted that regrowth after surgery is common, with subjects requiring multiple operations, leading to pain and other morbidity. This suggests that observation is also a viable treatment for CFD, with annual monitoring of lesions to maintain function.

There are no comprehensive studies regarding the indications for surgery vs. observation, and whether either treatment choice is more effective in the long term. Furthermore, reports of quality of life (QOL) of individuals with CFD are lacking and the impact of surgery on QOL is presumed, not established. Previous work determined that life satisfaction in FD patients did not correlate with quantitative disease burden. Some research also suggests that the objective amount of disfigurement does not drive decisions to have surgery. Thus, we hypothesize that CFD subject dissatisfaction and QOL are not correlated with the amount of disease. Our study will answer the question: Are patients who have surgery for CFD more satisfied and generally happier (have improved QOL and less stigma) than patients who choose observation? Our overall goal is to assist CFD patients with informed-decision making and to provide better standards of care regarding surgery.

## **Efficacy of an Environmental Intervention to Prevent Dental Caries Relapse Among Latino Children Treated for Early Childhood Caries**

**PI: Dr. Joana Cunha-Cruz**

**Funding: NIDCR**

Sugar-sweetened beverages (SSBs) are a common risk factor for tooth decay (Early Childhood Caries, or ECC) and obesity. Both are serious problems, particularly for Latino children, as they are more likely to drink SSBs and less likely to drink water. Our primary aim is to test the efficacy of home delivery of water bottles with family-based parental counseling on relapse of ECC, weight gain and SSB consumption compared to usual care (parent health nutrition education). Our rationale is that families lack the capability (skills, self-efficacy) and opportunities (child-friendly water bottles, social support), but are motivated to reduce SSB consumption, particularly after the trauma of hospitalization. Our oral health goal is to slow the rate of relapse of ECC so that teeth can exfoliate normally or allow for time for the child to develop coping skills for less-costly in-office dental treatments without sedation. ECC impacts quality of life, causing pain, eating, and sleeping problems. The care standard of surgical care under general anesthesia fails to address the cause of ECC, and the disease frequently relapses. In addition, hospitalization and general anesthesia divert scarce treatment resources away from public health efforts to prevent the ravages of the disease. Drinking water instead of SSBs can reduce children's total daily sugar intake, thereby reducing both ECC and obesity. This study will provide the best evidence to date of whether changing the family home environment and empowering caregivers can promote water intake, in lieu of sugar sweetened beverages, to reduce ECC and obesity in children. We address gaps in knowledge in nutrition in the home and theory on means to change dietary habits. The proposal for research is a unique multidisciplinary collaboration between University of Washington and the Yakima Valley Farm Workers Clinic serving immigrant Latino families. The results will serve as a step toward trials to generalize findings and scale up effective interventions.

*For details on any study at the School of Dentistry, contact Dr. Linda LeResche, Associate Dean of Research, at [leresche@dental.washington.edu](mailto:leresche@dental.washington.edu), or Mary Beth Cunningham at [mec@u.washington.edu](mailto:mec@u.washington.edu), or the principal investigator.*

## class notes

### ■ CLASS OF 1950

**Dr. Collins Utter**, Salem, Ore.: Retired in 1981 after 31 years in practice and enjoying life to the utmost!

### ■ CLASS OF 1961

**Dr. Roger A. Meyer**, Greensboro, Ga.: Still working part time in my surgery practice. We welcomed our sixth grandchild in April. Enjoying Husky success in football from afar!

### ■ CLASS OF 1964

**Dr. George Gundersen**, Tumwater, Wash.: Enjoy life on the farm in Tumwater. Diana and I had our 60th wedding anniversary this last June.

### ■ CLASS OF 1970

**Dr. James E. Fitzgerald**, Colfax, Wash.: Life after dentistry: one dog, two cats, three llamas, and 12 chickens. And in love at age 73!

**Dr. Robert L. Sherman**, Hamstead, N.C.: We got knocked around by Hurricane Florence. No power for a week and lost some large trees, sadly, but no leaks in the house. Need a new dock now.

### ■ CLASS OF 1972 (PERIO)

**Dr. Roger V. Stambaugh**, Bellingham, Wash.: I am now Kathy's personal gourmet chef. Attended the Culinary Institute of America in Napa, Calif. for several courses, as well as Italy. I went on to take all the baking classes offered by the King Arthur School in Skagit Valley, and am now doing grain research at the Bread Lab.

### ■ CLASS OF 1975

**Dr. Jeff S. Abolofia**, Burien, Wash.: Still working ... still love it!

### ■ CLASS OF 1979

**Dr. Marianne R. Day**, Lincoln, Neb.: I sold my solo practice of

nearly 30 years in 2016. Moving to Lincoln, I accepted a position as an Assistant Professor in the Adult Restorative Dentistry Department at UNMC College of Dentistry. I am course director for Dental Anatomy and Fixed Prosthodontics II. On the personal side, I am still married to Grant Watson, who works for Nebraska University as Capital Construction Manager. Our daughter lives in Seosan, Korea and our son is in the Army. For recreation, I have taken up long-distance bike touring and hope to complete a century ride (100 miles) this summer.

### ■ CLASS OF 1980

**Dr. Gary Heyamoto**, Woodinville, Wash.: I'm semi-retired now, having sold my practice and contracting back until October. After that, who knows? I'll be 65 and free to pursue another career (LOL).

**Dr. Phillips B. Trautman**, Camano Island, Wash.: I am volunteering as an affiliate faculty member at the UW School of Dentistry.

### ■ CLASS OF 1991

**Dr. Carrie York**, Mercer Island, Wash.: Moved practice to a new office location in September 2018. My practice is still on Mercer Island. My twins are juniors in college.

### ■ CLASS OF 2003 AND CLASS OF 2009

**Dr. Paul Amato** ('03) and **Dr. Rebecca Piha** ('09), Seattle: Our twins, Avi and Jake, started kindergarten and Sebastian started pre-school. Lots of changes in the Amato-Piha family.



## reunions

### ■ CLASS OF 1978

Our 40th class reunion was held in September in Chelan, Wash. We had 37 classmates who attended the event. On Friday we gathered at Siren Song Winery for wine, appetizers, and great conversation. On Saturday, some classmates headed by Steve Harrop and his wife went for a bike ride. We also had a group that played golf and

told stories at Bear Mountain Ranch. Others did some shopping in town or went wine tasting. That evening we had a wonderful dinner at Campbell's Resort, which allowed everyone to catch up on what was happening in our lives. Sunday was brunch at Sorrento's Restaurant, then everyone said their goodbyes. Overall, it was a great weekend for fun and reminiscing. – Mike Hardy



# in memoriam

We are saddened to note the passing of classmates, colleagues and friends. For a fuller accounting of their lives, please go online to <https://dental.washington.edu/alumni-friends/in-memorial/>.

**DR. DONALD C. ROSE**  
**CLASS OF 1951**

Dr. Donald C. Rose of Gig Harbor, Wash., died on June 11, 2018. He was 94. He practiced dentistry in Tacoma, Wash., for 39 years.



**DR. DAVID C. SAHLIN JR.**  
**CLASS OF 1952**

Dr. David Carl Sahlin Jr. passed away on Jan. 15, 2019 at the age of 90. He practiced dentistry for five decades in the Tacoma area and retired at the age of 74.

**DR. KENNETH N. MORRISON**  
**RESTORATIVE CLASS OF 1952**

Dr. Kenneth N. Morrison died on Feb. 9, 2019, at the age of 101. He was the first UW Chair of Restorative Dentistry (see Page 32).



**DR. PERRY S. HATCHER**  
**CLASS OF 1954**

Dr. Perry S. Hatcher, 90, a longtime resident of the Skagit Valley in Washington state, passed away peacefully on April 23, 2018 in Mount Vernon, as a result of complications from Alzheimer's disease. He was a member of the UW Alumni Association.



**DR. JAMES R. CALAHAN**  
**CLASS OF 1956**

Dr. James R. Calahan passed away on July 16, 2018 in Poulsbo, Wash. He was 86. He spent 40 years practicing dentistry in Seattle's Madison Park neighborhood. He chaired several committees of the Seattle-King County Dental Society and served as a delegate for three years.

**DR. RICHARD L. VAN DERSCHULDEN**  
**CLASS OF 1957**

Dr. Richard L. Van Derschelden passed away on Jan. 31, 2019.



**DR. JOHN A. BLUHER**  
**CLASS OF 1958**

Dr. John Alfred Bluher, "The Flying Frontier Orthodontist," passed away suddenly on Jan. 21, 2019 in Cody, Wyo. He was 84. He was a pioneer in orthodontics and received

the Milo Hellman award and international recognition for his outstanding original research on TMJ.

**DR. ROBERT C. STROM**  
**CLASS OF 1958**

Dr. Robert C. Strom passed away on Dec. 27, 2018 in Kapaa, Hawaii. He was 87. He practiced dentistry for 40 years at the Snoqualmie Valley Dental Clinic. He often volunteered his services and taught at the School of Dentistry.



**DR. DONOVAN J. DECKER**  
**CLASS OF 1960,**  
**ORTHODONTICS CLASS OF 1964**

Dr. Donovan John "Jay" Decker, MSD, passed away on Feb. 7, 2019. He was 83. He maintained a private orthodontic practice in Seattle's Sand Point neighborhood through 2007. He continued his research through the mid-1990s and wrote numerous peer-reviewed journal articles. As an affiliate professor in the School of Dentistry's Department of Orthodontics, he taught courses on orthodontic techniques and the biomechanics of tooth movement through 2018.



**DR. SHERMAN L. CLOWARD**  
**CLASS OF 1966**

Dr. Sherman Livingston Cloward passed away peacefully on July 18, 2018 in Provo, Utah. He was 78.



**DR. RONALD A. BRYANT**  
**GRADUATE PROSTHODONTICS CLASS OF 1976**

Dr. Ronald A. Bryant died from a rare prostate cancer on Dec. 23, 2018. He was 70. He was a former faculty member at the School of Dentistry and Baylor Dental College. He was one of 35 prosthodontists in the world to have earned board certification in prosthodontics and implant dentistry. He also was an Accredited Fellow of the American Academy of Cosmetic Dentistry and held memberships in many associations, including the Washington State Dental Association and Seattle-King County Dental Society.

## SPOTLIGHT COURSE

### FRIDAY, MAY 10

#### CE1861: Law/Lewis Lecture in Pediatric Dentistry

##### Treating Caries with Glass, Steel, Silver, Fluoride, Iodine, Xylitol, Dairy, Liver, and Fish!

Non-restorative caries treatment, a new paradigm of dentistry, is enabled by silver diamine fluoride (SDF) and bolstered by fluoride varnish, ART/ITR, SMART, and Hall crowns. "Leaving caries in the tooth" with or without a restoration is now standard of care. These changes have brought about new opportunities and new challenges. While SDF and complimentary techniques are faster and less invasive, defining a billing philosophy is tricky and monitoring outcomes is fundamentally different than for restorations. Nevertheless, they can be combined. Attendees will learn why SDF is Dr. Horst's gateway drug to high-viscosity glass ionomer cements (HV-GICs). Meanwhile, great progress has been made in defining which preventives actually work, including nutrients. Hands-on experiences will include application of SDF and HV-GIC, and a science experiment on the relevant dynamics of saliva pH – complete with surprises to enhance learning.

**LOCATION:** The Mountaineers Club, 7700 Sand Point Way NE, Seattle

**TIME:** Registration and Continental Breakfast: 8 - 8:30 a.m.

**COURSE:** 8:30 a.m. - 4:30 p.m.

**TUITION** (includes lunch; \$25 more after May 8)  
 \$289/Dentist  
 \$189/Hygienist, Dental Assistant, Office Staff  
 \$260/Current Dental Alumni Association Member



**INSTRUCTOR:** Jeremy Horst, DDS, PhD

Jeremy Horst is a pediatric dentist in private practice and a quantitative biologist at UC San Francisco. His mission is to decrease suffering from tooth decay by driving developments in minimally-invasive dentistry. Dr. Horst was an early leader in introducing SDF into the United

States. He continues to do clinical and laboratory research to investigate its strengths and limitations, and develop better treatments and preventives for the future. Clinically he focuses on maximally effective, minimally invasive techniques to stop dental caries and create an easy relationship to dentistry for children and people with special health-care needs.

**REGISTER:** Download course application from our website at [www.uwcde.com](http://www.uwcde.com) or register online at <http://cyzap.com/portal/uwcde/>

**CREDITS:** 7

### FRIDAY, APRIL 5

#### CE 1871: Oral Medicine Update 2019: Diagnosis and Nonsurgical Management of Orofacial Disorders in Dental Practice

Mark Drangsholt, DDS, MPH, PhD; David Dean, DDS, MSD; Michael Martin, DDS, PhD; and Oral Medicine Faculty at the School of Dentistry  
 The Mountaineers Club  
 7 credits

### SATURDAY, APRIL 27

#### Ergonomics: Neck, Back & Beyond and Fitness 101 for Dental Professionals

Bethan Valachi, PT, DPT, MS, CEAS  
 Lewis & Clark Event Center  
 Centralia, Wash.  
 7 credits

### FRIDAY, MAY 31

#### High Impact Communication: Words to Use and Words to Lose

Lois Banta, Dental Consultant  
 Washington AGD Educational Center  
 SeaTac, Wash.  
 7 credits

### SUNDAY-MONDAY, JUNE 16-17

#### CE1897: 2019 International Congress on Adhesive Dentistry/Evidence-Based Adhesive Dentistry

Drs. Daniel Chan, and John Sorensen and Profs. Junji Tagami, Masashi Miyazaki, Mutlu Özcan, and Sema Belli/Drs. Ray Bertolotti, Grant Chyz, Yen-Wei Chen, and Alireza Sadr  
 UW South Campus Center  
 11 credits

### FRIDAY-SATURDAY, JULY 19-20

#### Safety and Simplicity in Root Canal Instrumentation: Myths, Metal and Motion

#### Current Status and Future Advances for Dental Composites, Including Techniques for Optimizing Light Curing and Bonding

Anne L. Koch, DMD and Jack L. Ferracane, DDS, MS, PhD  
 Sunriver Resort  
 Sunriver, Ore.  
 9 credits

### FRIDAY-SATURDAY, AUG. 23-24

#### Atraumatic Extractions for the General Practitioner

Steven Rasner, DMD, MAGD  
 Washington AGD Educational Center  
 SeaTac, Wash.  
 16 credits

### FRIDAY, OCT. 25-SATURDAY, NOV. 2

#### CDE Land Tour to Portugal

Lisbon, Obidos and Douro Valley, Porto, and Minho  
 12 credits

For registration information, visit [www.uwcde.com](http://www.uwcde.com) or call 206-543-5448.

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# UW DENTAL ALUMNI FUN IN THE FALL!

Join your classmates for an exciting alumni event — perfect opportunities to gather a team for the golf tournament or to gather a group for the football get-together and game against Hawaii.

## **UW DENTAL ALUMNI GOLF TOURNAMENT**

**Friday, Sept. 13, 2019**

Tee time: Noon

Tacoma Golf and Country Club

Tacoma, Wash.

Four-person scramble format, shotgun start

Cost includes greens fees and prizes

*All are welcome to participate!*

## **UW DENTAL ALUMNI FOOTBALL EVENT & GAME**

**Saturday, Sept. 14, 2019**

**UW Huskies vs. U of Hawaii Rainbow Warriors**

**Game and brunch:** \$150 per person

**Brunch only:** \$35 per person

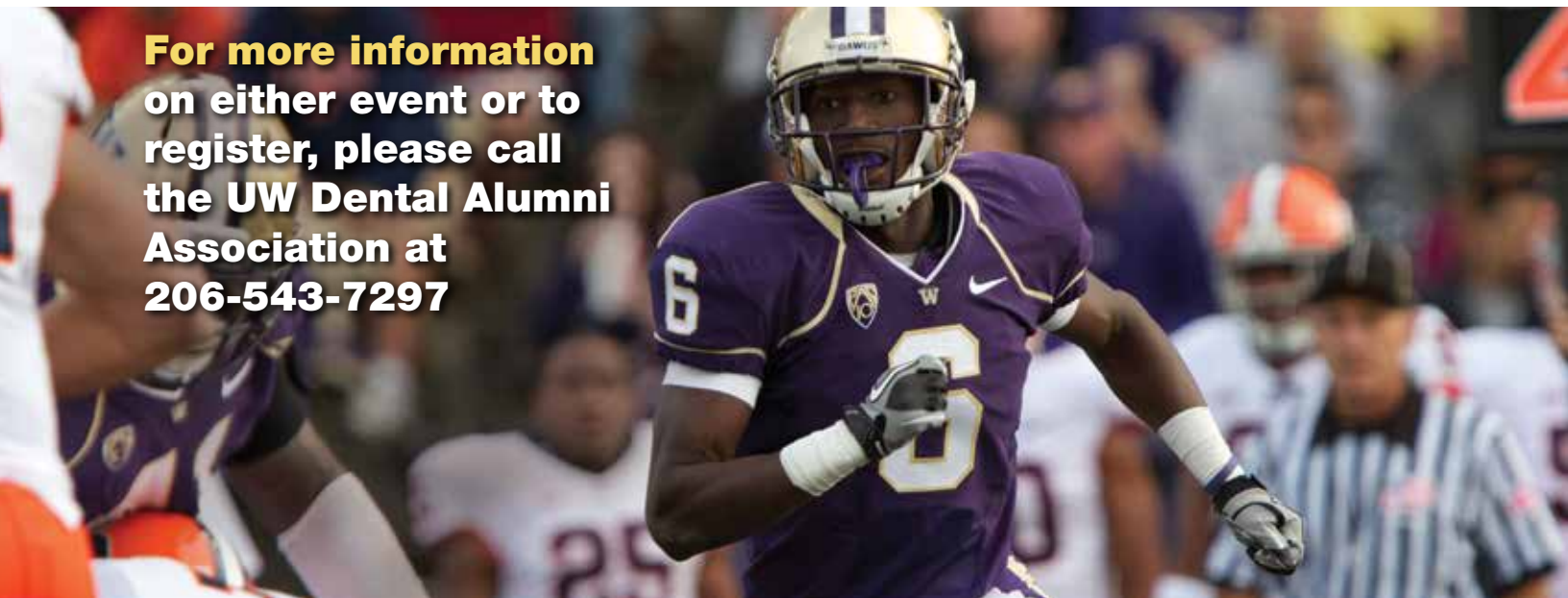
**Parking pass:** \$30 per car

**Brunch:** I Wing Rotunda, UW Health Sciences Center;  
time TBD

**Game:** Husky Stadium; time TBD

*Event and game times and prices subject to change*

**For more information  
on either event or to  
register, please call  
the UW Dental Alumni  
Association at  
206-543-7297**



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## alumni calendar of events

### ■ WEDNESDAY, APRIL 3

Classes of 2008-2019 Reunion Event  
Time: 6:30 - 8:30 p.m.  
415 Westlake Event Center  
415 Westlake Ave., Seattle

### ■ SATURDAY, APRIL 6

SOD Spring Gala Dance  
Sponsored by Class of 2020  
Time: 7 - 10 p.m.  
Sodo Park, 3200 1st Ave. S, Seattle

### ■ MONDAY, APRIL 15

Dental Alumni Full Board Meeting  
Time: 6:30 - 8:30 p.m.  
Washington Athletic Club, Seattle

### ■ SATURDAY, MAY 4

Annual Dean's Club Dinner  
Time: 6 - 9:30 p.m.  
Museum of Flight, Seattle

### ■ MONDAY, MAY 13

School of Dentistry Dean's  
Reception  
Time: 6:30 - 8 p.m.  
Anthony's Restaurant at the Falls  
Spokane, Wash.

### ■ SATURDAY, SEPT. 7

SOD ADA Dean's Reception  
Time: 5 - 7 p.m.  
San Francisco (location TBD)

### ■ FRIDAY, SEPT. 13

Dental Alumni Golf Tournament  
Time: Noon tee-off  
Tacoma Golf & Country Club  
Tacoma, Wash.

### ■ SATURDAY, SEPT. 14

Dental Alumni Football Event  
Time: TBD  
I Wing Rotunda/Husky Stadium  
UW vs. Hawaii

*For more details on these or other UW Dental Alumni Association events, please call 206-543-7297.*

*Information is also available on the School of Dentistry website's alumni page at <http://dental.washington.edu/alumni-friends>*