

# Dental Alumni news

## Interim no more

UW gives  
Dean Gary Chiodo  
a solid vote of  
confidence

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*Major gifts help  
boost our clinics*

### ■ DEAN'S CLUB DINNER

*Drs. Shinn, Turpin  
will be honored*

### ■ ON THE FRONT LINES

*Dr. Rolf Christensen  
battles opioid abuse*



# **Campaign** *for* **CLINICS**

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**SPRING 2020**

# DentalAlumninews

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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# It's all about the legacy

**A**s we edge into spring, our School's Campaign for Clinics is in full swing. Spearheaded by Dean Chiodo, this "Imagine Our Future" vision of updated and attractive clinics relies on donations from many sources, but our most important participant is you, our beloved dental alumni.

The impetus of donors to choose to support the School of Dentistry is as diverse as the donors themselves, but my choice to support is simple: legacy. I'm sure we can all look back at our time at the School



and remember many of the wonderful moments. As for myself, these include late nights studying or in the D-1 or D-2 lab working on wax-ups/fixed pros/denture setups, being side by side with my amazing classmates, working our tails off. Inspiring lectures by legendary faculty like Dr. Oda, Dr. Truelove, Dr. Toolson, and Dr. Anderson.

Friday night socials in the student lounge. Intramural team sports with my colleagues always looking forward to the matchups against the medical student teams. I'm sure there are some lows that we all can remember as well. Mine include the (many) struggles in specific classes, the incredibly stressful National Boards process, and certain instructors that may have put students "through the wringer" more than others.

But looking back at my time at the School of Dentistry, I realize that the sum of these experiences left a lasting imprint on me as a dentist and as a person. Bonding with classmates, hard work, learning from the best, and having my character tested have made me not only the clinician I am today, but the individual as well. I owe my career and occupational well-being to the UW, and so I have chosen to give back to our School, so it can hopefully have the same effect on other students.

I hope many of you, my dental colleagues, think about what kind of legacy the School of Dentistry has left with you, and what kind of legacy you plan to leave in return. There are many opportunities to help leave a legacy at the UW, including teaching at the School, board or

committee involvement, and financial giving.

As I learned from my department chair while in my orthodontic program, if a donation is your preferred method, then this needs to become a budget item. Whether this is simply being a dues-paying Dental Alumni Association member (which costs less than two lattes a month – less than a Spotify membership), or pledging for a naming opportunity for the Campaign for Clinics, putting this in your practice or personal budget prioritizes your commitment to our School and secures a legacy for future graduates.

When I learned about naming opportunities in the Campaign for Clinics, my attention went straight to one in particular – the student lounge. Some of the most important bonding times with my classmates happened in that room, and whether it was a casual lunch discussion, an impromptu Foosball game, or a Friday night social, every experience in the student lounge brought us closer together. So I have chosen to make my pledge, and hopefully allow the student lounge to continue to be a place of refuge, catharsis, and camaraderie for years to come.

A special congratulations to now "full" Dean Chiodo, as his Interim title has been removed by the UW. I'm sure you have heard many people sing their praises of his work at the School, and Dr. Chiodo well deserves this affirmation. We all should be proud that he will continue to lead our School into the future.

As my term as President of the Dental Alumni Association comes to a close and I write my farewell President's Message, I would like to make my final statement addressed to our Advancement and Alumni team: Randy Newquist, Steve Steinberg, Doug Day, Greg Croak (who made great contributions before moving to the Foster School of Business not long ago), and Sarah Martin. Thank you for your dedication, passion, and excellence in running our association. You are invaluable to our School, are the heart and soul of our group, and have been a joy to work with over the past two years. Keep up the outstanding work!

JASON BOURNE ('01)

*UW Dental Alumni Association President*

# 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**  
*Assistant Dean of Advancement  
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*  
206-543-6017  
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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.



**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**  
*Director of Communications*  
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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.

# Time for "SMART" strategic plan

**W**hen I arrived as interim dean in August of 2018, I promised myself that I would go flat-out to do the very best job possible so that I would be asked to remain. It looks like I got my wish.

Being the 15th dean of our UW School of Dentistry is a privilege and honor that truly represents a capstone for my professional life. However, this is not about me; it is about our School and the work we have in front of us.



I will take a moment to look backwards and reflect on what we have accomplished over the last 18 months. When I arrived, we were deeply in debt and continuing to generate substantial deficits. While we still have a debt that must be repaid to UW, we now have a bottom line that is revenue positive and moving in the right direction. This excellent progress represents the hard work of our faculty, staff, and students as well as the engagement and support of our legislature and the dental community.

So, now let's look forward. Much work remains if we are to cultivate a sustainable financial model, advance our rankings, rebuild our mission areas, protect our programs, grow, and confidently move forward. All of that sounds like strategic planning to me and indeed, it is time to start that process.

As your interim dean, I had a short list of strategic initiatives but held off on a strategic planning process because a new dean could come along and see things quite differently. Now that I am the real-deal dean, we need to get busy with serious strategic planning. My commitment to all of you is to engage in this process as a community and by building consensus. Those who are tasked with making the plan a reality must be directly involved in crafting the plan. Those who are affected by the outcomes of the plan must participate in shaping the plan.

However, here is a cold, hard fact about strategic plans – they often look great on paper

but fail. In my 42 years working in three fantastic organizations, I have seen them succeed and I have seen them fail. It seems to me that the recipe for failure is to write a plan that combines guesswork about what the world will look like many years into the future with aspirations that lack key tactics and deliverables. Those plans read well but tend to get written only to reside on a shelf.

The recipe for successful plans looks to the future but integrates short, intermediate, and long-term goals. At the risk of sounding formulaic and overly simplified, I have always found that goals need to be "SMART" – Specific, Measurable, Achievable, Relevant, and Time-bound. These are the parts of the strategic plan that list specific goals along with the tactics needed to achieve them. That level of detail, as a practical matter, applies primarily to short-term goals. My approach for a complex organization, such as our School, is to engage in this process for each of our mission areas of education, clinical care, research, and public outreach. We have some of the best experts in those areas, and they will have a seat at the communal strategic planning table.

I am not one to rest when we still have much work to do and improvements to accomplish. My strength in this role depends, in part, on how well we work together to articulate and realize our short, intermediate, and long-term strategic goals. My promise to you is that I will be an effective and enthusiastic partner in taking our School to higher achievements and recognition. I started by saying that this job is a privilege and an honor. It is those things and, at the same time, it is quite humbling. This race is a marathon, not a sprint – and we are off and running.

A stylized, handwritten signature in dark ink, appearing to read 'G. Chiodo'.

GARY T. CHIODO, DMD, FACP  
*Dean*



DON'T  
JUST  
STAND  
THERE.



STAND HERE.



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

There's never been a more exciting time to help shape the course of dental education at the UW. If you can give us a half-day a week or more, join our ranks and help create the next generation of outstanding Husky dentists!

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



# Dean Chiodo: interim no more

Dr. Gary Chiodo, who became interim dean of our School of Dentistry in August 2018, will no longer be interim and will serve a full five-year term, University of Washington Provost Mark Richards has announced. The appointment was expected to be confirmed by the UW Board of Regents in mid-March.

UW President Ana Mari Cauce and Provost Richards decided to make the appointment after conducting a survey of the school's faculty, staff, and students. Members of the school's alumni and volunteer boards were also consulted in the survey.

Dean Chiodo will serve at least the remainder of a standard five-year term, Provost Richards said in an email to the school. The Dean will also be appointed Professor – Clinical Dental Pathway.

The provost, who called the survey feedback “overwhelmingly positive and constructive,” said, “President Cauce and I believe that Dr. Chiodo has demonstrated the leadership needed to maintain the School of Dentistry's quality while keeping it on a course of fiscal stability. Using the input from the survey, I look forward to working with Dr. Chiodo to align key priorities in his capacity as dean.”

Dean Chiodo came to the UW from Oregon Health & Science University, where he was assistant director of the Center for Ethics in Health Care and professor emeritus in the Department of Community Dentistry. From 2012 to 2014, Dr. Chiodo was interim dean at the OHSU School of Dentistry, where he addressed financial challenges. He stepped into the dental dean's office at the UW at a time when our School had faced a series of rising annual operating deficits that at one time reached \$11 million.

In the most recently concluded fis-



*Dean Gary Chiodo will serve a full five-year term.*

cal year, our School's operating deficit fell below \$1 million, and the School is on track for a fiscal year 2020 with no deficit. The School also has continued to maintain its high standing in global rankings. Last year, it placed second in the world in the ShanghaiRanking Consultancy's Academic Ranking of World Universities and this year was 12th in Britain's Quacquarelli-Symonds University Rankings.

“I am absolutely thrilled to be a part of the School of Dentistry team going forward,” Dean Chiodo said. “Although much remains to be done, we have made tremendous gains in the past 18 months. When I look at our faculty, staff, students, alumni, and dental community, I know that there is no place I would rather be and there is no team with whom I would rather work.”

From 2014 to 2017, Dr. Chiodo served as vice president and system compliance officer/organizational integrity with PeaceHealth, a nonprofit chain of hospitals, medical clinics and laboratories in Alaska, Washington, and

Oregon. At OHSU, he was a longtime faculty member in the Department of Public Health Dentistry, attaining the rank of full professor in 1992. He has received OHSU's Distinguished Faculty Award for Leadership and the Ecumenical Ministries of Oregon HIV Honor Award.

The dean obtained his bachelor's degree in biology from Portland State University in 1974 and his DMD from the University of Oregon Health Sciences Center in 1978. He earned a certificate in health care ethics from the UW School of Medicine in 1992, and he spent two decades practicing at a Portland public health dental clinic that treated the majority of identified HIV-positive persons in Oregon and southwest Washington.

“We can now move forward with strategic planning for our School and imagine a very bold and audacious future,” he said after Provost Richards' announcement. “It is truly my honor and privilege to be a part of that, and I am sincerely humbled.” ■

# School continues to rank among world's elite

Our School of Dentistry continued its ranking among the elite dental schools in the United States and the world in the 2020 Quacquarelli-Symonds (QS) World University Rankings. The ratings of dental schools were released March 4.

The School was ranked fourth in the United States, behind only the University of Michigan, Harvard University, and the University of California at San Francisco. Globally, the School tied for 12th, with King's College London leading the listings. Last year, our School ranked third in the United States and 10th in the world.

QS, a British educational organization, bases its rankings on its global surveys of academics and employers, which it uses to determine a school's international reputation. QS also factors in research impact along with a metric that assesses productivity and citation impact of a scientist's or scholar's publications. ■

## Save the Date!

### 2020 SPRING GALA

**Alumni:** You're invited to join our students, residents, faculty, and staff at the Class of 2021's Spring Gala.

This year's theme, "Dripping in Gold," is inspired by the Met Gala. You'll enjoy an evening of dancing, gelato, and breathtaking views of the Puget Sound and the Seattle skyline from the 73rd floor of the Seattle's tallest building. There will be a live DJ, photo booth, hors d'oeuvres, silent auction and raffles, and more. So leave the scrubs at home and come dressed ready to walk down our Husky purple carpet like a celebrity!

**Date:** Saturday, April 4

**Time:** 7 – 11 p.m.

**Location:** Sky View Observatory at Columbia Tower,  
700 4th Ave., Seattle

**Tickets:** <https://www.uwsodgala2020.com/>

# School mourns student lost in plane crash

Tyson Dennert, a second-year student at our School of Dentistry, was killed along with eight other members of his extended Idaho family in a plane crash last Nov. 30 near Chamberlain, S.D.

Dennert, 26, and the other victims had taken off for Idaho from Chamberlain during a Thanksgiving holiday weekend hunting trip. Three other people on the single-engine turboprop survived the crash, which occurred shortly after takeoff.

"We are all devastated by this tragedy," said Dean Gary Chiodo after hearing the news. "Tyson was a wonderful young man and fine student who enjoyed the respect and affection of his fellow students and our faculty and staff. Our hearts go out to the rest of his family."

Other victims of the crash included

Dennert's father-in-law, Kirk Hansen, and Hansen's brother, Jim Hansen. The crash also claimed the lives of their father, Kirk Hansen's children, and Jim Hansen's son and grandson. One other victim was Kyle Naylor, a second-year dental student at the

University of Nevada, Las Vegas who was also Kirk Hansen's son-in-law. Three other relatives were hospitalized with injuries.

Dennert left behind his wife, Jessica, and their two toddlers, with another child expected.

Dennert, who grew up in Idaho Falls, Idaho, at-

tended Northwest Nazarene University and Brigham Young University in Idaho, then moved on to Brigham Young University in Utah, where he graduated in 2018. Classmates here said he was a serious, dedicated student who could also

flash a sharp, dry humor. "You could always count on him for a smile and a laugh," one said.

"He had so much integrity," another classmate said. "You knew that whenever he had to make a decision, it would always be professional."

Classmates said he was an active member of the Church of Jesus Christ of Latter-day Saints who, having learned Spanish for a volunteer mission to Mexico, would teach the language to other dental students. Dennert also volunteered for student outreaches such as the Health and Homelessness initiative.

He was a proficient athlete, having played football and basketball in high school. At our School, he quarterbacked his class's team to an intramural football championship. With all his activities, though, his classmates said that his wife and children came first. "He always took time for his family," one said. ■



Tyson Dennert

# New licensure exam to get pilot test at UW

Our Class of 2020 will be the first group of dental students in the United States to try out the American Dental Association's new Dental Licensure Objective Structured Clinical Examination (DLOSCE) in April, paving the way for a national pilot test with 1,000 students in the fall.

The new exam, administered entirely on computers, presents an alternative to the Western Regional Examining Board (WREB) test, which has been around since 1977. Although the WREB exam employs typodonts for its prosthodontics and endodontics portions, much of it requires live patients.

The pilot tests will not count for licensure. Rather, the students here can still choose to take the WREB in March or the existing Canadian OSCE for Washington licensure. Every member of our Class of 2020 is expected to take the WREB exam.

The DLOSCE is designed to test clinical micro-judgements on a broad range of dental procedures and situations in diagnosis and treatment planning, restorative dentistry, oral surgery, periodontics, removable and fixed prosthodontics, implants, endodontics, and orthodontics. While the questions were developed by teams of subject

2015, we have given our own OSCE to fourth-years, who are required to pass it in order to graduate.

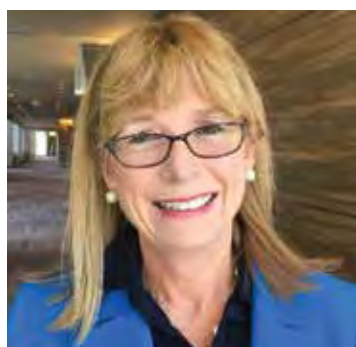
At the same time, the Part I National Board Dental Exam (NBDE), which tests recall of biomedical and preclinical knowledge, will depart on July 31. On Aug. 1, a new Integrated National Dental Board Exam (INDBE) will debut to take the place of Part I and Part II NBDE exams. The Part II exam will continue to be available for two more years during the phase-out.

According to the Joint Commission on National Dental Examinations, the new integrated board test "emphasizes the relevance of the basic sciences through test items that link science and clinical application," with less reliance on rote knowledge and information recall. The new test is also shorter – 500 questions, compared with 900 on the old test.

Dr. Gordon, who served on the standard-setting team for the integrated exam, said, "It's so much more clinically relevant than the old Part I exam. The questions will all be put into a clinical context – dentists need to demonstrate knowledge and understanding of metabolism, medications, a patient's medical history, and so on, to provide care correctly and safely."

The INDBE is expressly suited for dental schools with an integrated curriculum, which the UW has had since 2015. In this format, students do not learn discrete topics – pathology, biology, histology – in isolation, but rather about each part of the body at once.

"For example, in their first-year Cardiac, Pulmonary, and Renal course, they learn all about how these systems work, from cell structure and organ anatomy through the diseases that afflict these organs and the therapies used to treat them," said Dr. Gordon. "An integrated curriculum emphasizes big-picture understanding that will stick with them through their careers." ■



**"The American Dental Association and the American Dental Education Association are hoping that this will be a big step towards easier interstate dental license portability."**

– Dr. Sara Gordon, Associate Dean for Academic Affairs

Over the years, that aspect of the test has drawn criticism, prompting the ADA to begin considering an alternative without live patients about 13 years ago. Students must find their own patients, and a no-show on exam day is the stuff of nightmares.

Dr. Sara Gordon, our Associate Dean for Academic Affairs, who is on the ADA's DLOSCE Working Committee, said the initial pilot exam will be administered at a Seattle-area testing center. The fourth year UW students, who agreed to be the pilot test subjects, will each receive \$200 to \$400, depending on how well they do.

experts who worked with the ADA's experts in psychometrics, the test has been criticized for not assessing patient clinical management and hand skills in real-life situations as the WREB does.

The decision on whether to accept the new DL-OSCE for licensure will be left to each state's dental licensing authority. "The American Dental Association and the American Dental Education Association are hoping that this will be a big step towards easier interstate dental license portability," Dr. Gordon said.

Students at our School should be well prepared for the new exam. Since



# 36TH ANNUAL DEAN'S CLUB DINNER

*Saturday Evening, May 16, 2020*

CHIHULY GARDEN AND GLASS  
SEATTLE

## *Honorees*

DR. DAVID TURPIN

2020 DEAN'S CLUB HONORARY LIFETIME MEMBER AWARD

DR. SHERWIN SHINN

2020 DISTINGUISHED ALUMNUS AWARD

CLASS OF 2020

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*UW Dental Alumni Association*

*For more information, call Dentistry Advancement  
at (206) 685-9350, or register online at  
[events.uw.edu/deansclub2019](https://events.uw.edu/deansclub2019)*

# *Drs. Turpin and Shinn to be honored*

At our Dean's Club Dinner on May 16, Dr. David Turpin will receive the Dean's Club's highest honor and Dr. Sherwin Shinn will receive the Distinguished Alumnus Award.

## *Dr. David L. Turpin (Orthodontics '66)*

**2020 DEAN'S CLUB HONORARY LIFETIME MEMBER**



Over the decades, our Department of Orthodontics has gained a reputation as one of the world's finest centers of orthodontics research and training. The list of its luminaries over time is truly impressive, including names such as Vincent Kokich, Peter Shapiro, Don Joondeph, Alton

Moore, and Richard Riedel.

Dr. David Turpin has long since established himself as a worthy member of this distinguished company. Serving on the Orthodontics faculty since 1971, he has been a research stalwart and has held posts including editor of the *American Journal of Orthodontics and Dentofacial Orthopedics* and member of the Executive Committee of the World Federation of Orthodontists.

He is the department's outgoing Moore-Riedel Professor, and in August 2018 helped mark the department's 70th anniversary by organizing an international symposium in Seattle to help orthodontists and orthodontic educators refine their evidence-based research skills. Lectures covered not only clinical topics but also advances in technology plus insights into clinical research and the publication process, plus critical appraisal of clinical trials.

As remarkable as his record has been, Dr. Turpin has taken it a step above and beyond. During a span of more than 45 years, he has given almost \$200,000 to our School of Dentistry, including a \$50,000 legacy gift to support the Kokich-Shapiro Endowed Professorship. In December 2018, another \$50,000 gift for the Moore-Riedel Endowed Chair played an instrumental role in elevating the fund to an endowed chair. Their cumulative giving has placed Dr. Turpin and his wife, Judy, on the rolls of University of Washington Benefactors and our School's Partners in Excellence. With most of their financial support directed toward the Department of Orthodontics and the Moore-Riedel Endowed Chair and the Kokich-Shapiro Endowed Professorship, the Turpins have helped ensure that the department's excellence will continue well into the future.

## *Dr. Sherwin R. Shinn ('74)*

**2020 DISTINGUISHED ALUMNUS**



Dentists make a difference in people's lives, but few can boast of doing it on a scale that remotely approaches Dr. Sherwin Shinn's.

In 1990, Dr. Shinn began volunteering his services on dental humanitarian trips around the world. In the years since, he has journeyed to more than 40 countries. He coordinates volunteer teams to provide dental care, teach oral hygiene, train and supply local providers, and improve maternal and infant health by upgrading conditions in rural labor and delivery rooms.

What makes his impact so far-reaching is that he has not just visited, treated patients, and left. He has helped establish dental services in Nepal, Bolivia, Costa Rica, Guatemala, The Cook Islands, Haiti, Micronesia, St. Lucia, Jamaica, and Uganda. These services have helped more than half a million people.

Dr. Shinn, a pediatric dentist, co-founded International Smile Power and For World Wide Smiles, two oral health outreach organizations. Here in Washington, he has worked with Lindquist Dental Clinic for Children, a community-based, private nonprofit clinic with multiple locations that treats thousands of children from low-income families.

His work abroad has often been done under the most challenging conditions imaginable. On one trip to Uganda, his team had to set up in an open-air shed on the edge of a volcanic crater lake. The wind blew sulfur dioxide fumes from the volcano into the dental team's faces and noses, and the fumes reacted with sweat and quickly became sulfuric acid.

His humanitarian dedication has earned recognition including the American Dental Association's 2013 National Humanitarian Award, 2017 Champion for Children Award, 2003 WSDA Citizen of the Year, and the 2003 national Jefferson Award, the nation's highest recognition for public service.

As he told the ADA when he received his award: "It's humbling to see how people are afflicted and know that you have the capability to fix it."

# Ferguson scholarship fund seeks donations to meet goal

A renewed effort has been launched to fully fund the Richard P. Ferguson Endowed Scholarship at our School of Dentistry, in hopes that the endowment can reach its \$100,000 goal. So far, just over \$40,000 has been raised for the endowment since fund-raising began last year.

The Ferguson scholarship will honor the memory of one of our School's most iconic alumni, who passed away in 2017. Dr. Ferguson was the first African-American student to matriculate at the School, where he entered the Orthodontics residency program after attending The Ohio State University and earning his DDS at Meharry Medical College in Nashville, Tenn. He received his Orthodontics MSD in 1972.

He became one of the most prominent members of the Washington state dental community. Dr. Ferguson, who practiced orthodontics in Seattle, served as president of the Washington State



Dr. Richard Ferguson

## How to donate

To support the scholarship, please go to

**<https://dental.washington.edu/alumni-friends/give/make-a-gift/>**

and look for the Richard P. Ferguson Endowed Scholarship.

Dental Association, the Washington State Association of Orthodontists, and the Seattle-King County Dental Society. He was also secretary of the Pacific Coast Society of Orthodontics.

He was a founder and steering committee member with the Seattle Vocational Institute Dental Assistant Program and the Seattle Central College Dental Hygiene Program, as well as the South Seattle Community College Expanded-Function Dental Auxiliary Program. He also served in the U.S. Air Force, where he was a consultant to the U.S. Surgeon General. During World War II, he served in the U.S. Army.

At the School of Dentistry, he was a powerful voice for inclusion and diversity. He served on our Admissions Committee for more than two decades, helping to recruit and interview students from under-represented communities. He also worked in the Partners in Diversity program, becoming the initial lead donor to the Partners in Diversity scholarship, and with the African American Mentoring Network.

Not only did he work for greater diversity in WSDA, but he and his wife, Phyllis, played key roles in the election of the American Dental Association's first woman president, Dr. Geraldine Morrow, in 1991. Dr. Ferguson also founded the Washington State Black Health Care Professionals and was a member of the International College of Dentists and Seattle King County Dental Society.

In 2012, he received the Volunteer Service Award at the annual UW Health Sciences Martin Luther King Jr. observances. In 2005, our Dean's Club gave him its Honorary Lifetime Member Award.

Urging alumni to contribute to the scholarship fund, Dean Gary Chiodo said: "Occasionally in our lives, we have the privilege of collaborating with those who accomplished much and gave much in return. Dr. Richard P. Ferguson was such a man. He entered dental school at a time when there were not many dental students who looked like him. That did not stand in his way and he achieved doctoral and post-doctoral degrees. His success and engagement in our profession have led to the establishment of the Richard P. Ferguson Endowed Scholarship, which exists to assist students from underrepresented populations. This fund is a true testament to his work and values." ■

## Off to school with their heads!

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. Kim G. Roberts ('84), Dr. William Boyington ('73), Dr. Rodney Nordberg ('79), Dr. Edward Bowman ('68), Dr. Alan Carr ('68), Dr. Stephen Henderson ('68), Dr. Richard Westin ('58), Dr. (Capt.) Ross Silver, and Dr. David Chuljian ('85).



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 skulls must be actual human specimens – not plastic – and in reasonably good condition, with no major parts missing or broken. Skulls may be sent directly to Dr. Herring at the Department of Orthodontics, 1959 N.E. Pacific St., Box 357446, Seattle, WA 98195. If a tax deduction is desired, donors should state the skull's valuation of the skull in an email (to [herring@uw.edu](mailto:herring@uw.edu)) or in writing. The School can then officially acknowledge the donation.





*Dr. John Sorensen and his colleagues are exploring the new digital frontiers of prosthodontics.*

## Sorensen lab shows the digital future

If you want a glimpse of restorative dentistry's future – prosthodontics in particular – a good place to start is in Room 164 of our School's B-wing.

That's where Dr. John Sorensen has set up his B<sup>4</sup>T lab with Restorative Dentistry colleagues Dr. Alireza Sadr, Dr. Yen-Wei Chen, and Dr. Hai Zhang, along with prosthodontist Dr. Manuel Bratos (Grad Pros '16) of Madrid and mechanical engineer and implant design specialist Ali Tavassoli.

The lab's name tells the story: B<sup>4</sup>T stands for biomimetics, biomaterials, biophotonics, biomechanics, and technology. These researchers' business is digital dentistry, and they're working to bring 21st-century technology fully into the clinic.

A quick guide to the four B's:

- **Biomimetics** is the restoration of teeth to their original form and function using synthetic materials.

- **Biomaterials** are natural or synthetic materials that interact with biological systems.

- **Biophotonics** relates to light and imaging, in particular optical coherence tomography (OCT). It's similar in principle to the ultrasound scanning so familiar to expectant parents.

However, instead of sound waves, it employs a laser. The light's reflection back to its source is used to create two- or three-dimensional images. In 3-D, the dentist can get a clear look internally at interfaces, cracks in tooth structure, cracks in ceramic restorations, and the margins.

- **Biomechanics** is the study of the mechanical nature of biological processes.

The ground the lab covers includes new ceramics, digital dentures, new implant designs and components, and full arch designs supported with either natural teeth or implants.

Digital dentistry's starting point is the intraoral scanner. It's far from universally adopted; Dr. Sorensen believes it's used in less than 14 percent of dental clinics. It's pricey, at \$40,000-plus per scanner, although competition has been driving costs down. Questions about its accuracy have been posed, but the B<sup>4</sup>T team and other researchers have shown that for single tooth or implant restorations, the accuracy is as good as or better than elastomeric impressions.

The intraoral scanner almost instantaneously creates 3-D reconstructions

of dental structures. CAD software then creates a virtual model for designing a highly precise restoration. A physical model can be 3-D printed and the restorations milled from zirconia or glass ceramics, or 3-D printed.

In a clinical study being conducted at the Regional Clinical Dental Research Center, Drs. Sorensen, Chen, and Sadr have reviewed 50 digitally-created posterior lithium disilicate ceramic restorations. They found that the speed of the prep scan and opposing scan are as fast as conventional impressions and the bite scan can be done in just six seconds.

To evaluate outcomes, the restorations were divided into thirds. For the final third, 88 percent required no interproximal or occlusal adjustment, and the marginal fit of all restorations was rated excellent.

"We've demonstrated that intraoral scanners are as good as or better than impressions," Dr. Sorensen said.

Using OCT technology that Dr. Sadr brought from Japan to the UW, the researchers have done 3-D analysis of crown margin fidelity, internal adaptation, and interfacial adhesive gaps, and can detect cracks in both ceramic and tooth structure. They also found mean marginal gaps of under 75 microns; anything under 100 microns is considered outstanding. "Without a doubt, these technologies can produce restorations that are as good as or better than conventional methodologies," Dr. Sorensen said.

However, Dr. Sorensen still has a firm grip on the fundamentals. "We get all caught up with the digital technology, but it is just a tool in our patient treatment," he said. He likes to quote a former student, Dr. Armand Bedrossian (Grad Pros '18), who once told him: "You know, Dr. Sorensen, all this fancy digital technology is great. But you've still got to know how to do dentistry." ■

## Alumni Golf Tournament

**TACOMA COUNTRY & GOLF CLUB ■ SEPT. 13, 2019**

Our Dental Alumni Association joined Pierce County Dental Society for the annual golf outing on a pleasantly overcast day. The foursome of Sam Hinz, Vince Leverett, Jason West, and Ray Kao won first place with a best-ball score of 54. Thanks go to our sponsors: Washington Trust Bank, Heritage Bank, Olympic Eagle Distributing, Kitsap Bank, Custom Dental Aesthetics, Big Sky Northwest, South Sound Gamma Knife, Bank of America, Burkhart Dental, Charles Wright Academy, Columbia Healthcare Banking, Garfield Refining Co., The Knutzen-McVay Group, Nakanishi Dental Lab, and Washington Dentists' Insurance Agency. ■



*Dennis Hopkins and Thomas Safley,  
both Class of 1980*



*Lane Meyer, Ryan McNamara,  
Travis Hackney, and Tom Vo,  
all Class of 2005*



*Denny Wohlford ('65), Bob Allen ('66), Jon Kvinsland ('66), and Cameron Stroyan*

*Scott Taylor, Aaron Cahoon, Scott Cahoon ('76), and Chris Cahoon*



*Nick Mays, Scott Jones ('14), Colin Mooney, and Dan Schruth ('12)*



Matt French of  
sponsor WDIA



Zachton Lowe ('06), Jeremy Chaison ('06), Adam Berry ('05),  
and Steve Inaba ('05)



Tiffany Weymouth and Leigh Sinni of sponsor Washington Trust Bank

## Football brunch

**UW HEALTH SCIENCES ■ SEPT. 14, 2019**

With The University of Hawaii coming to Husky Stadium, our Alumni Association's annual pregame football event featured a luau theme. Dean Gary Chiodo gave an update on our School, and we had a special guest speaker: Dr. Paul Homer, who played fullback for the UW from 2006 to 2009 before going on to earn his medical degree. Afterward, the Huskies went out and feasted on the Rainbow Warriors, 52-20. Many thanks to our event sponsors, Garfield Refining and Washington Dentists' Insurance Agency! ■

Guest speaker Dr. Paul Homer



Practice partners Stephen Ottosen ('94, Endo '96, left) and Kevin Nygard ('12)  
treated their office staff to the outing



Carol Curtis and Raleigh Curtis ('72)



## Football brunch CONTINUED

Elaine Parks, Daryl Miller ('67), and Steve Parker



David Thompson and Diane Doppel (Ortho '90)



Griffin Bourne and dad Jason Bourne ('01)



J.C. Piha and Paul Amato ('03)

Dean Gary Chiodo



Kaily Boyle, Garret Yamaguchi ('08), and Kenji Yamaguchi





## Oral Medicine retirement celebration

**UW KANE HALL ■ NOV. 1, 2019**

Colleagues, alumni, and staff gathered to honor four outstanding members of the Oral Medicine faculty on the occasion of their retirement: Dr. Ed Truelove, Dr.

Earl Sommers (Oral Medicine '77), Dr. Mark Schubert ('74, Oral Medicine '81), and Dr. Linda LeResche. The honorees each received a painting by Dr. Kenyu Takamoto (Oral Medicine '94), a member of the department's affiliate faculty. ■

PHOTOS BY GIAN DIM

*Lisa Hess and Dr. Tim Hess ('94)*



*Dr. Linda LeResche*



*Dr. Sam Dworkin with Dr. Mark Drangsholt ('84, Oral Medicine '95), Department Chair*



*Dr. Earl Sommers*



*Dr. Mark Schubert*



*Dr. Michael Martin (Oral Medicine '94) and Dr. Ashland Doomes*



*Dr. David Dean and Dr. Patrick McKenzie*



*Dr. Ed Truelove*



## Dean's reception at ADA meetings

**SAN FRANCISCO ■ SEPT. 9, 2019**

Alumni gathered to meet Dean Gary Chiodo at a reception during the American Dental Association's annual meetings. ■



From left: Dr. Van-Anh La ('18), Dr. Ramil Mateo ('16), Dr. Ellen Sharma ('16), Dr. Prince Sharma ('16), Dr. Rica Mackert ('16), Dr. Joe Vaughn (GPR '16), Dr. Beau Bent ('16)



Dr. Dennis Brender ('84, left) and Dr. Dayton Lum ('84) and their wives, Jean Brender and Joan Lum



Associate Director of Advancement Doug Day, Dean Gary Chiodo, and Dr. Teresa Yagi ('86)

## Carol Brown retirement party

**UW SOUTH CAMPUS CENTER ■ SEPT. 5, 2019**

Faculty, staff, and students gathered to offer their good wishes to Carol Brown, our beloved longtime Director of Student Services, on the occasion of her retirement. ■



Christina Wee (left) of the Dean's Office joins Carol Brown at her retirement celebration.



Dilawarjit Kaur ('19) and her husband, Gurjeet Singh



## Restorative affiliate faculty recognition

UW HEALTH SCIENCES ■ SEPT. 30, 2019

After treating affiliate faculty members to dinner, the Department of Restorative Dentistry honored those with at least 25 years of service – every one of them a UW dental alumnus. Afterward, they and the other affiliates received updates on department activities. ■



Dr. Chan and  
Dr. Dennis Nordlund ('76)



Dr. Chan and  
Dr. Louis Isquith ('69)

Dr. Chan and Dr. John Yae ('87)



Dr. Chan and Dr. Nelson Vitous ('70)



Department Chair Dr. Daniel Chan and  
Dr. Ernest Barrett ('69)



Dr. Chan and Dr. Melvyn Trenor ('72)

Dr. Yen-Wei Chen  
updates affiliate faculty  
members on the department's  
Digital Dentistry Initiative.





## Orthodontics wire sculptures

DEPARTMENT OF ORTHODONTICS ■ JAN. 6, 2020

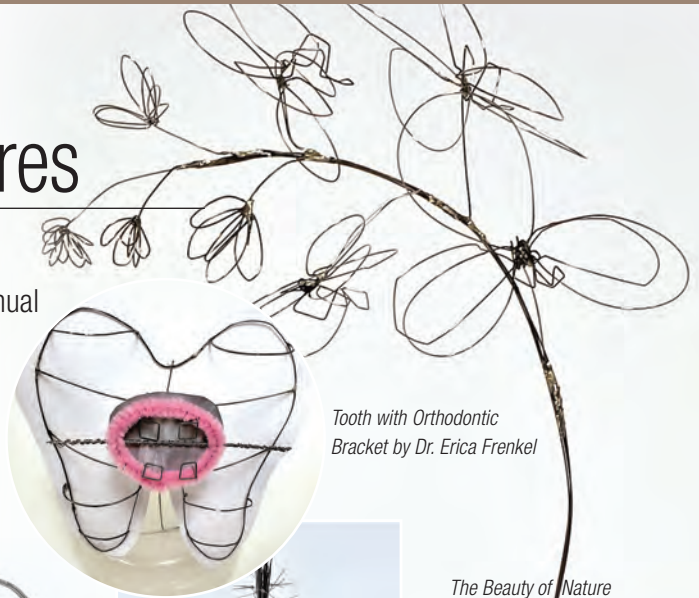


*First Tracks* by Dr. Lauren Hagel Blanchard

Five students shared recognition in the annual wire sculpture competition conducted by the Department of Orthodontics. Held since 1966, the popular contest for first-year residents requires entrants to use primarily orthodontic materials, such as wire, rubber bands, and dental acrylic. ■



*Bailey* by Dr. Sara Finkleman



*Tooth with Orthodontic Bracket* by Dr. Erica Frenkel



*The Beauty of Nature* by Dr. Anna Morrow

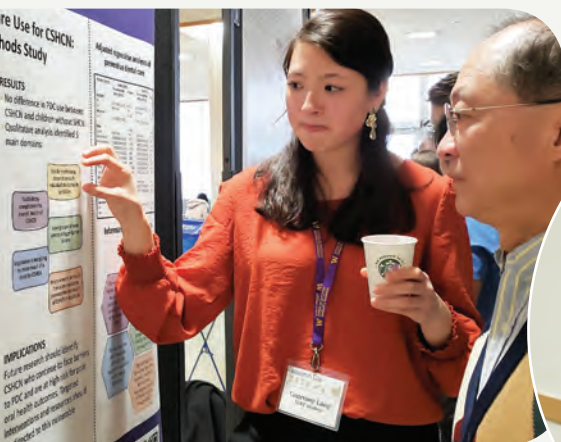
*Fresh Balsam* by Dr. Jessica Collins



## Research Day

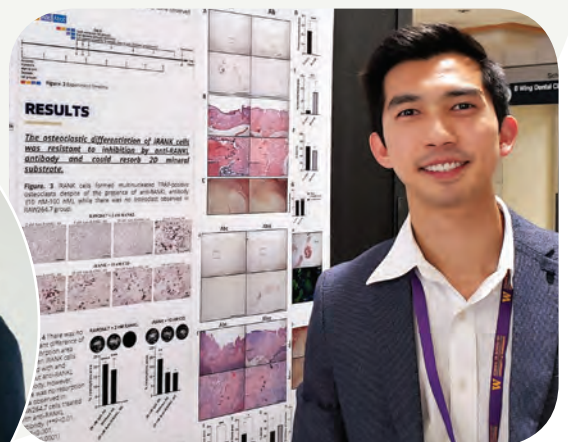
UW HUB/UW HEALTH SCIENCES ■ JAN. 28, 2020

Apichai Yavirach, a student in our Department of Oral Health Sciences, and Courtney Lang, a second-year predoctoral student, won top recognition for their poster presentations at our School's annual Research Day. Yavirach earned top honors among graduate students, while Lang won the predoctoral competition. Dr. Peter Milgrom, professor emeritus of the Department of Oral Health Sciences, was the day's keynote speaker. ■



Courtney Lang with Dr. Albert Chung of our faculty

Dr. Peter Milgrom spoke on "Evolution of the standard of dental care: research lab to market."



Apichai Yavirach



## Seattle/King County Clinic

**SEATTLE CENTER ■ FEB. 14, 2020**

Once again, dozens of our alumni, faculty, students, and staff turned out to provide dental care at Seattle's biggest free clinic, which also provides medical and vision care. Held from Feb. 13-16 this year, the clinic treated more than 3,300 patients. ■



At the triage desk (from left): Dr. Barry Feder, Dr. BJ Peterson, and Dr. Mike Karr ('80)



Dr. Brittany Dean ('12), dental co-director



Dr. Elizabeth Alpert (GPR '18), the clinic co-director, and Dr. Jeff Parrish ('79)



Dr. Scott Cahoon ('76)



Dr. Jean-Paul Banh ('14) and dental assistant Jazmin Cruz

## Dental Action Day

**OLYMPIA, WASH. ■ JAN. 23, 2020**

Faculty and students joined WSDA dentists on their annual visit to our state capital to update legislators on issues of concern to professional dentistry and our School. ■



A rainy day in Olympia can't wash away our students' smiles.

Students meet up with Rep. Michelle Caldier (R-26th Dist.) of our Class of 2001 in the House gallery.



PHOTOS BY SCOTT EKLUND/RED BOX PICTURES



## WSDA Mentor Reception

**UW BURKE MUSEUM ■ JAN. 10, 2020**

Students gathered with WSDA member dentists at the newly opened Burke Museum for the annual dental mentor get-together. ■



*Isaac So of the Class of 2021 and his mentor, Dr. Danny Tremblay ('12)*



*Anna Hanover of the Class of 2023 and her mentor, Dr. Tracy Sullivan*



*Dr. Henry Chin ('77) and his mentee, Samuel Chong of the Class of 2021*



*Chan Do of the Class of 2021 and his mentor, Dr. Jennifer Luna*



*Kelvin Ha of the Class of 2023 and his mentor, Dr. Hyojun Kim*

## Wands Fellowship Luncheon

**SEATTLE ■ OCT. 1, 2019**

Dean Gary Chiodo hosted the annual luncheon for Dr. David Wands and the 2019-20 recipient of his endowed Grad Pros fellowship, Dr. Dianne Gan. Also attending were Grad Pros program director Dr. Van Ramos and Dr. Dana Buglione, the 2018-19 Wands Fellow. ■



*From left: Dr. David Wands, Dr. Dana Buglione, Dr. Dianne Gan, Dean Gary Chiodo, Dr. Van Ramos*

# You're Invited!

Our School of Dentistry celebrates its 75<sup>th</sup> anniversary next year, and we want you to join the party.

For a special issue of the *Dental Alumni News*, we'd like you to write to us with your favorite memories of dental school. Send one memory, or send several. Photos are great, too – the higher the resolution, the better.

We'll print a selection in the magazine, and include all of them online. **Please email your memories and photos to Sarah Martin at [smartin4@uw.edu](mailto:smartin4@uw.edu).**

*Help us celebrate this milestone in style!*





# It's campaign season

## The Campaign for Clinics: Imagine Our Future has started well, but still has far to go

**B**olstered by a number of major gifts, our Campaign for Clinics: Imagine Our Future has gotten off to a strong start. Just before the *Dental Alumni News* went to press, the campaign received a further boost from a \$100,000 challenge gift by Dean Gary Chiodo (see related article below).

However, Dean Chiodo notes that the campaign still has a great deal of ground to cover if it is to achieve its goal of fully modernizing our School's clinical infrastructure, which needs extensive repair and updating.

"This is an absolutely critical need that must be met if we wish to retain the outstanding faculty and researchers who are responsible for our School's high global ranking," he says. "We must also continue to recruit faculty members and researchers of the same quality, and of course we want to continue to attract the very best students. We must also make our clinics more inviting to create the kind of patient experience we want for our teaching mission and our UW Dentistry faculty practice."

Dean Chiodo also says that the campaign's related Digi-

tal Dentistry Initiative (see Page 29) is a vital part of the equation, to give our students the exposure to technology they need to be fully prepared to practice in today's dental clinics.

Here is a look at the leading gifts that have been made so far.

### Estate of Dr. Joseph and Carole Spinola \$2 million bequest to our School of Dentistry

**A**s our School of Dentistry's Campaign for Clinics: Imagine Our Future closed out 2019, a major boost arrived in the form of a \$2 million gift from the estate of Dr. Joseph Spinola, an alumnus and longtime faculty member, and his wife, Carole.



Dr. Joseph Spinola

The gift included \$750,000 for the Campaign for Clinics, \$500,000 for the Dean's Fund for Excellence, and \$250,000 to help defray our School's share of costs for the UW's new Hans Rosling Center for Population Health, which opens this summer. Another \$500,000 went to the Department of Endodontics, where Dr. Spinola was an early member of the faculty.

Dr. Spinola, who graduated from our School in 1956 and taught here for 45 years, passed away in January 2017. Carole Spinola passed away the preceding September. The couple had made their home in Kirkland, where Dr. Spinola practiced privately while teaching part time at the dental school. He retired from the faculty in 2001 as Clinical Asso-

### Our Dean steps up

Dean Gary Chiodo has made a \$100,000 gift to the Campaign for Clinics that he's challenging our alumni to match. Another gift of \$100,000 would be more than welcome, of course, but the Dean will also match a series of four \$25,000 gifts. Gifts at this level will earn naming rights for a clinic operatory, and if classmates would like to make a gift as a group, the operatory can bear the name of their class. Alumni, the ball is in your court!



### Bien-Air

#### \$1 million-plus gift of electric hand piece controllers

The year of 2019 also saw a major gift from Bien-Air: electric hand piece controllers for almost every operatory in the School, plus the D-1 Simulation Clinic. The world's largest maker of electric motors for dentistry made the donation through its David Mosimann Foundation, which also provided installation services. The in-kind value of the gift, with an eventual total of about 200 units at the end of the phased installation, will finally be valued at more than \$1 million.

"I was absolutely adamant that we needed to implement electric hand pieces here," said Dean Chiodo when the gift was announced. "The decision point was not if we would implement electric hand pieces, but when."

Students buy their own hand pieces, which they keep af-

ter graduating. While the old air-turbine connections remain in place, the electric models are substantially quieter, which improves the ambience of the predoctoral and other clinics and makes the dental experience less intimidating for patients, especially fearful ones. The electric models also run about 33 percent faster, at up to 400,000 rpm, and have more torque and cause less vibration. They can also be programmed for restorative, endodontic, scaling, and implant placement options.

Graduate Endodontics was receiving Bien-Air's more advanced iOptima system, which features enhanced programmability for different file systems via an iPod Touch.

"We are very excited and honored to be partnering with the UW," said Marla Mattinson, Director of Academic Relations for Bien-Air USA. "This is the technology [the students] will one day use in their own dental practices, so it is crucial for them to become experienced with it starting their first day of clinical dental procedures." ■

ciate Professor Emeritus.

"The generosity of the Spinolas is humbling and sincerely appreciated," said Dean Chiodo when the gift was announced in mid-December. "Their gift will be transformational for our School of Dentistry."

Dr. Spinola, who received his undergraduate degree in microbiology from the UW in 1952, taught endodontics to post-doctoral and pre-doctoral students at the School of Dentistry even before there was a department devoted to the specialty. As the department grew and matured, his teaching focus shifted back to general dentistry and pre-doctoral students.

"Joe was one of the good guys. He was honest, straightforward, and said what was on his mind," said Dr. Gerald Harrington, a longtime colleague who directed the school's Graduate Endodontics Program for 29 years. "He was devoted to the School and the department."

For several decades, Dr. Spinola was a general dentist in Kirkland, where his wife managed his practice before he retired in 2009. He served in the U.S. Army Air Force as a flight engineer from 1945 to 1946.

A native of Hawaii, he was descended from Portuguese immigrants who came to the islands in the 1880s from Madeira. Members of the family worked as "paniolas," or cowboys, in Hawaii.

After his military service, Dr. Spinola left Hawaii to attend Seattle University. Within a month after starting school,

he met fellow student Carole Delsman of Ferndale, Wash., the daughter of an oil distributor. The two were married in 1948, and Dr. Spinola later transferred to the UW to complete his undergraduate education and then attend dental school.

While leading a full, active life, the couple had no children and left their entire estate to charity.

"It is so gratifying to have this level of support from our alumni," Dean Chiodo said. "These funds will be used for facilities and programs that will benefit our students and patients well into the future. I think that the Spinolas would be very pleased to see what their generosity will accomplish." ■



Dean Gary Chiodo and Dr. James Johnson, Chair of Endodontics, discuss how the Spinolas' gift will be put to use.

## Dr. Jim McGraw

\$109,000 gift for Endodontics

**D**r. Jim McGraw (Endodontics Class of 1969) has been a stalwart of our School's faculty and volunteer corps for decades. He has served on the admissions committees for the School, the International DDS program, and Department of Endodontics.



*Dr. Jim McGraw*

Dr. McGraw donated \$69,000 to Endo for a new cone-beam imaging unit and \$40,000 for a new operatory. He says: "Great world universities, with their exceptional schools, faculty, students, and purpose, usually have not come about advancing the world for better by accident. Being informed of a critical departmental need for the recently developed radiographic technology called 3-D cone beam scanning, a technology revolutionizing dental and medical diagnostics, it seemed imperative to me that a world-class dental school with its world-class educators and students be so equipped. It was easy to see that need, knowing how fortunate I was having long ago had a wonderful UW residency, with the many doors into the future it opened for me and our family. It just seemed easy to try to help our present Endodontics faculty, its students, and residents as they continue advancing the field and our School into the future." ■

## Dr. Carrie York

\$25,000 gift to fund new predoctoral clinic operatory

**D**r. Carrie York (Class of 1991) and her husband, Mark, are longtime donors to our School, including a sustained stretch of donations at the Dean's Club level. She says: "Mark and I saw this as an opportunity to improve the School and leave a little imprint on it as well. I brought my husband to the launch of the Campaign for Clinics, and he actually suggested we increase our giving and donate a whole operatory.



*Dr. Carrie York*

"Mark and I not only want to help new dental students have a better experience, but also help the patients who are seen there. We also want to help our faculty, so many of whom also do excellent research. I want to share something else he said: 'The best dental school in the country should have the best resources.'" ■

## Dr. Tom Davidson

\$40,000 gift to fund operatory in Endodontics

**D**r. Tom Davidson (Class of 1963, Endodontics Class of 1975) says: "I am most fortunate to have graduated from the University of Washington School of Dentistry and also from the Graduate Endodontics program.



*Dr. Tom Davidson and his wife, Sarma*

Throughout my career and into my retirement, I have been continually grateful for the opportunities my education has provided me. I want to see the School of Dentistry continue to excel for all the students now and in the future. It is a pleasure to support the continuation of excellence and the current Campaign for Clinics." ■

## Dr. J. Gordon Holyoak

\$25,000 gift to fund new predoctoral clinic operatory

**D**r. J. Gordon Holyoak (Class of 1965) retired in 2005 in Scottsdale, Ariz., after practicing general dentistry for 40 years. "The patients are sorely missed, but not the intrusion of government and insurance regulations that have been forced upon the dental field," he says.

As for his gift, he says: "The UW School of Dentistry is deserving of my support. Originally, the money was to be gifted upon my death. It was the appeal by the dental school that funds were presently needed that prompted me to gift the money now. I wanted the opportunity to direct the money and not see it disappear into the general fund."



*Dr. J. Gordon Holyoak*

Dr. Holyoak's gift further cements his connection to our School. And, as do so many other alumni, he still has vivid recollections of his student years.

"For me, dental school had a steep learning curve," he says. "One of my favorite memories was working on projects in the lab with my classmates. I can still smell the fragrant smell when de-flasking dentures. The view of Mount Rainier through the clinic window, on a clear day, remains an awe-some vision. Daily crossings of the Montlake Bridge, to and from school, brings back pleasant memories along with attending the UW football games." ■

## Dr. Jason Bourne

### \$100,000 gift for student lounge

**D**r. Jason Bourne (Class of 2001), the outgoing president of our Dental Alumni Association, has been one of our most visible and active alumni supporters since graduation. He has been an especially vocal backer of our Campaign for Clinics, and had a particular reason for making a gift to support the student lounge. As he says in his President's Message on Page 5:

"Some of the most important bonding times with my classmates happened in that room, and whether it was a casual lunch discussion, an impromptu Foosball game, or a Friday night social, every experience in the student lounge brought us closer together. So I have chosen to make my pledge, and hopefully allow the student lounge to continue to be a place of refuge, catharsis, and camaraderie for years to come." ■



Dr. Jason Bourne and his wife, Danica

## Permanente Dental Associates

### \$25,000 gift to fund new predoctoral clinic operatory

**D**r. John Snyder, Executive Director and CEO of Permanente Dental Associates, says: "PDA has found that the best dentists come from AGD and/or AEGD programs, and during my tenure as the Associate Dental Director I was given multiple opportunities to visit the UW programs. We have a number of PDA general dentists and specialists who have graduated from the University. Our gift of \$25,000 reflects the value we have from these programs and the highly qualified dentists who have received their formal training at the University of Washington.



Dr. John Snyder

"In addition, we wanted to support the new leadership, specifically Dean Gary Chiodo. He has visited our group on a number of occasions, and I share his vision and passion for high-quality dental education. Our support of the Campaign for Clinics is directly linked to his new role at the University." ■



## Digital Dentistry Initiative

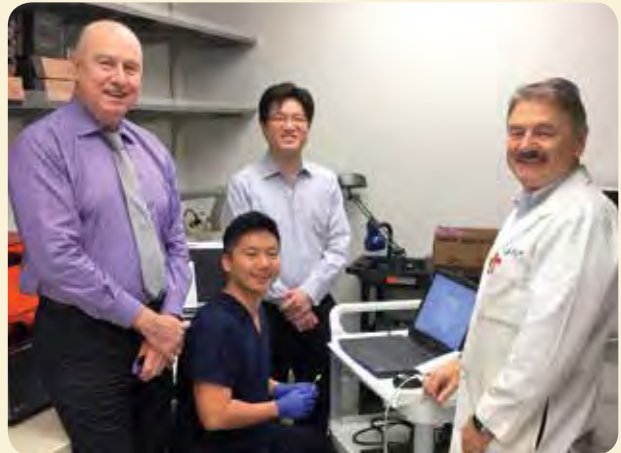
Led by Dr. Daniel Chan, Chair of Restorative Dentistry, and his colleague, Dr. John Sorensen, this component of the Campaign for Clinics seeks to augment our digital equipment and beef up that portion of our School's curriculum.



Dr. Daniel Chan

Dr. Chan reports: "We have in our possession two brand new hand-held scanners, with one more to be purchased. We have had two training sessions for faculty members to popularize the use of scanners in clinic. We also plan to buy one desktop scanner for use in the D-1 Simulation Clinic, mainly for the Dental Anatomy, Removable Prosthodontics and Complete Denture didactic courses. We are also writing up a new job description to hire a CAD/CAM lab technician."

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).



Dean Chiodo, third-year student Asher Chiu (seated), Dr. Yen-Wei Chen, and Dr. John Sorensen check out some of the new tools acquired for the Digital Dentistry Initiative.

## How to donate

To support our Campaign for Clinics, please contact Randy Newquist at [randyn@uw.edu](mailto:randyn@uw.edu) or Doug Day at [daydoug@uw.edu](mailto:daydoug@uw.edu).



## DR. ROLF CHRISTENSEN

*Clinical Assistant Professor of Oral Medicine*

# A leader in fighting opioid abuse

Opioid abuse has emerged as one of the worst man-made public health crises in the United States. All avenues of access have become fair game for scrutiny, including physician and dentist prescribing practices. While opioid prescribing has declined, these powerful medications are still used too frequently as the first resort for patients in pain, rather than an option to be deployed with strict limits when alternative therapies aren't up to the job.

In Washington, few in the dental profession have taken up the issue of rational pain management and the role of opioids more vigorously than Dr. Rolf Christensen ('80). He directs our School's Dental Urgent Care Clinic as well as our third-year Oral Medicine Clerkship, and teaches patient assessment and clinical prescribing. He is also involved in Inter-Professional Education (IPE), including monthlong rotations of fourth-year pharmacy students through the dental school.

Dr. Christensen has played an active role outside our School in dentistry's response to recent and ongoing legislation. In 2017, he worked with the Dr. Robert Bree Collaborative to co-author the Dental Guideline on Prescribing Opioids for Acute Pain Management. Later he worked with all five prescribing commissions, including the Dental Quality Assurance Commission, that were mandated by law to develop rules for prescribing opioids. As a technical expert, he seeks pragmatic prescribing rules grounded in evidence-based practice.

Dr. Christensen routinely lectures at dental society meetings, study groups, public health events, and tribal and community conferences. Recently he was appointed to the Washington State Antimicrobial Stewardship Advisory Committee with the Department of Health. The Washington State Dental Association recognized his work last year with its President's Award and its Faculty Award.

"Many of us in dentistry were educated by experienced faculty with gray hair," he says. "The skills were often based on what worked in the hands of that generation. Habits were passed down that were not always evidence-based.

This no longer serves us well. The world has changed.

"When I was in dental school, people did not have access to synthetic opioids like fentanyl and pill presses to make illicit oxycodone pills. The internet did not advertise inexpensive fentanyl, guaranteeing reshipment at no charge if your order is seized by Customs or law enforcement.

"The School of Dentistry prepared me well, and clinical practice further sharpened my skills. But nothing prepared

me for what we are currently seeing. Opioids are far more dangerous than we were led to believe, although they remain one of the more efficacious analgesics for severe pain."

Still, he says, providers need to be far more intentional about what they prescribe. "We should know our tools and use them wisely. We know how to apply risk-benefit analysis to our decision-making. Patients can be demanding and insist on a specific antibiotic or opioid. Our role as a responsible doctor dictates that we take the time and participate with the patient to find the best approach. That's not always giving a patient what they think they want or need."

One thing has changed for the better, he says. "We're more mature at looking at substance abuse disorder, although there's a lot of folks even now that still look at it as a moral failure. I just look at things from a pharmacologist's perspective. Drugs with the potential of addiction are an easy trap to fall into. I have heard so many stories of people who continue to use opioids after the physician or dentist stops prescribing them. Access to leftover prescription medications remains easy."

Thankfully, he says, most people ask for help as they grasp that they have a problem that they cannot address by themselves. "They're dealing with a dangerous drug, and it can take quite a grip on people's lives – some folks with very little exposure. That's one of the more important things we've learned."

Dr. Christensen learned many important lessons from his dentist father, Dr. Ted Christensen ('51). "He was a great carpenter, be it office remodeling or intraoral rehabilitation. We solved many problems together, and I remember him



saying, 'We take care of our own in dentistry and we know how to do it.' ”

Yet dentistry today is in the middle of a tragedy that neither dentistry, medicine, nursing nor social science can solve on their own, the son says. “There’s a lot of folks my age in private practice that don’t see a lot of problems because they don’t prescribe opiates,” he says. “Yet in that practice there are opportunities to screen patients, even youth, who are either at risk or active in their substance abuse. All prescribers could make a huge difference if they identified at-risk patients and referred them for further evaluation.”

His work at our Urgent Care Clinic puts him on the front lines. “Our clinic sees patients who do not have insurance. Some have nowhere else to go. Quite a few use heroin daily and continue to work. Some do not escalate their heroin dose but simply avoid withdrawal. Many more have substance abuse disorder. It’s good for students and our affiliate faculty because they get to see evidence-based practice applied,” he says.

It can also be confusing for students who return from rotations at community-based clinics where prescribing practice may differ, he says. When they return to school, they ask good questions: “Why are we recommending this method at the UW, and why were they so free to prescribe opiates where I went?” Or “Why did they not prescribe any opioids where I went?” No matter what, Urgent Care stresses good practice well beyond any state law or guideline, he says.

“I try and get the message out about evidence-based prescribing,” says Dr. Christensen, “and it starts with a foundation of non-opioid analgesics. Your foundation should always be an NSAID and acetaminophen unless contraindicated.” If a patient truly needs opioids, he preaches a sharply limited supply: three days or less for almost everybody. But he knows there are also difficult patients with chronic pain who are already on opioids.

If a patient is using opioids, Dr. Christensen knows how he wants his students to address that. “We’ve got nonsteroidal anti-inflammatories, ibuprofen, acetaminophen, long-term local anesthetics. We might call them that night, bring them back the next day, and give them another long-acting block injection. Letting that patient know you’re there and concerned works wonders. Students are also taught about asking if a patient’s in Alcoholics Anonymous or Narcotic

Anonymous and if there’s a sponsor or a family member who could help them while they’re enduring some suffering, reminding them that it’s reasonable. It will not last forever, and they don’t want to go out there and try and access some heroin again. It takes all of us. And I teach that we do our part, and I think we do. And I’m hoping that our students carry that forward.”

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**“What we teach at our UW School of Dentistry is evidence-based pain management with a focus on risk-benefit management. It’s not taking the pain away. I can’t do that. It’s taking the edge off so a patient can get back to their active daily activities.”**

**– DR. ROLF CHRISTENSEN**

Dr. Christensen will be the first to admit that any provider can be taken in – but everyone should follow the “Fool me once” adage. “I went to the local dental society meeting down in Pierce County, and somebody said, ‘How many other people in this room have seen this patient who dislocates their TMJ and asks for oxycodone?’ And I was the one that raised my hand – but she only got to me once. When she came back the second time, she got no opiate. She never came back after that. I would have treated her, but she knew she’d never get an opiate from me,” he says.

“What we teach at our UW School of Dentistry is evidence-based pain management with a focus on risk-benefit management,” he says. “It’s not taking the pain away. I can’t do that. It’s taking the edge off so a patient can get back to their active daily activities. I want to get their mind off their pain. Patients heal better and faster and don’t remember the experience as much.

“It’s good practice,” he says. “My father taught me that.” ■



# faculty updates

**Dr. Greg Huang**, Chair of the Department of Orthodontics, has been named the department's and our School's first Kovich-Shapiro Endowed Professor. The position was formerly a lectureship, but through the contributions of alumni, it was elevated to a fully endowed professorship. Dr. Huang will also receive the Louise Ada Jarabak Memorial International Teachers and Research Award at this year's American Association of Orthodontists annual meeting in Atlanta in May.

**Dr. Hai Zhang** of the Department of Restorative Dentistry, along with colleagues from Sichuan University in Chengdu, China, has received the David A. Felton Award for Best Case Report given by the American College of Prosthodontists. The clinical report was titled "Full-Arch Implant-Supported Rehabilitation Guided by a Predicted Lateral Profile of Soft Tissue."

Two Department of Oral and Maxillofacial Surgery faculty members were recognized at the annual meeting of the American Association of Oral and Maxillofacial Surgeons annual scientific meeting in Boston last fall. **Dr. Thomas Dodson**, Chair of the department, received the OMS Foundation Torch Award for service to the AAOMS Foundation. **Dr. Andrea Burke** received the Stephan Milam Award for the best research project submitted to the foundation. Another faculty member, **Dr. Jas Dillon**, moderated a plenary session on the management of dysplasia and early-stage cancer.

**Marilynn Rothen** of the Department of Oral Health Sciences received the Norma J. Wells Community and Global Partnership Award at the Washington State Dental Hygienists' Association House of Delegates meeting on Oct. 12. The award was established in 2017 to recognize dental hygienists for their contribution to community and global partnership and relationship building.

**Dr. Ohnmar Tut** of the Department of Oral Health Sciences has been chosen to receive the 2020 Distinguished Service award from the Association of State and Territorial Dental Directors in April, in recognition of his contributions to dental public health.

**Dr. Douglas Verhoef** of the Regional Initiatives in Dental Education faculty concluded his teaching activities at the end of winter quarter. He joined the RIDE faculty after spending 10 years as Clinical Course Director of Restorative Dentistry and retiring as Professor Emeritus in 2012.

**Dr. Anna Forsyth** ('06, Pedo '11) has agreed to join the Department of Pediatric Dentistry as a Clinical Assistant Professor, with an anticipated starting date of July 1. Dr. Forsyth will assume the position of Pre-Doctoral Director, with primary responsibility for student training. She is a diplomate of the American Board of Pediatric Dentistry and has extensive pre-doctoral and post-doctoral teaching experience at Oregon Health and Sciences University School of Dentistry.

**Dr. Heather Woloshyn** (Ortho '93) has joined the Department of Orthodontics regular faculty in January as a part-time Acting Assistant Professor. She had been an Affiliate Associate Professor.

**Dr. Kimberly Espinoza** of the Department of Oral Medicine has been promoted to Clinical Associate Professor, Dental Pathway. Since 2014, she has directed the School's Dental Education in Care of Persons with Disabilities program. **Dr. Melanie Lang** of the Department of Oral and Maxillofacial Surgery has also been promoted to Clinical Associate Professor, Dental Pathway.

**Dr. Jonathan An** of the Department of Oral Health Sciences has received the 2020 Innovation in Oral Care Award from the International Association for Dental Research. Dr. An was recognized for his research in applying geroscience to the oral cavity to help extend oral health into the elder years.

**Dr. Natasha Flake** of the Department of Endodontics has been nominated to be treasurer on the executive board of the American Association of Endodontists. It will become effective upon the AAE's approval of nominations in April. Her nomination puts her on track to become AAE president in about five years.

**Dr. Whasun Oh Chung** of the Department of Oral Health Sciences has been accepted into the American Dental Education Leadership Institute. This yearlong program is designed to develop promising members of academic dental institutions to become future leaders in dental and higher education.

**Dean Gary Chiodo** has been appointed to the Washington State Oral Health Coalition Board of Directors. The broad-based coalition, founded in 1993, advocates for optimal oral health for all Washington residents, and has been a longtime advocate for improved access to care.

## DR. ALEX NARVÁEZ

### *A champion for access*

**T**he Washington state dental community has any number of members who champion the cause of access to care, but Dr. Alex Narváez ('82) takes a back seat to none of them.

Since 1983, Dr. Narváez has been dental director for Sea Mar Community Health Centers, a nonprofit chain that is one of the state's largest providers of medical, dental, and behavioral services to underserved communities. Sea Mar serves patients regardless of their ability to pay; those without Medicaid or private insurance are offered a sliding fee scale.

"After my second year in dental school, I heard about community health centers and wanted to see what it was about, so I completed an externship in Moses Lake," he says. A classmate on the board of Sea Mar kept telling him it would be a good fit. "You should go to Sea Mar," he said. I did, and I liked it – the medical providers, the behavioral providers. The more I learned about it, the more I realized the impact of poverty, of not having the basic necessities that can impact the health of a community, of a population."

He started with Sea Mar soon after earning his DDS, and the following year became dental director. He was the only dentist; the dental component had started just three years earlier with a hygienist.

"We had antiquated equipment," he says. "When it broke down, the technicians would come in and say, 'I haven't seen one of these in years.' So I had to learn how to repair the equipment." Finally, with county funding, he was able to purchase two dental chairs and other new equipment.

Today, Sea Mar has 138 dentists at 26 clinics, and will add four more clinics this year. "We try to open a dental clinic every time we open a medical clinic, but there's not as many resources for dentistry," he says. "So most of the time we just open a medical clinic, then a few years after that, we add a dental clinic." The dental staff boasts nearly 30 specialists and nearly 70 full-time dentists, including one who also holds an

MD. Dr. Narváez is mostly an administrator these days, doing a lot of case reviews, although he still practices at two of the clinics, with a focus on children and limited orthodontics.

Outside Sea Mar, he has embraced the use of dental therapists, even testifying several times in support of enabling legislation in Olympia. He's familiar with the University of Washington's MEDEX training program, which he admires. "I was very impressed with the students' professionalism – how they greeted their patients, how they explained to patients what they were doing," he says.

"Getting professionals to remote areas is not a problem unique to the United States, Washington, or Alaska. Some countries require their graduates to practice in remote areas – a year or so at a minimum. When they travel [in remote areas], they don't have all the equipment they might need, so the emphasis has to be on prevention."

Another reason he supports therapists is the difficulty of recruiting dentists to practice away from urban centers. It takes Sea Mar about a year to recruit one to practice in Washington locales like Port Angeles or Ocean Shores, he says. "In the urban areas, the average longevity is six to eight years. In rural areas, it's only a handful who stay that long."

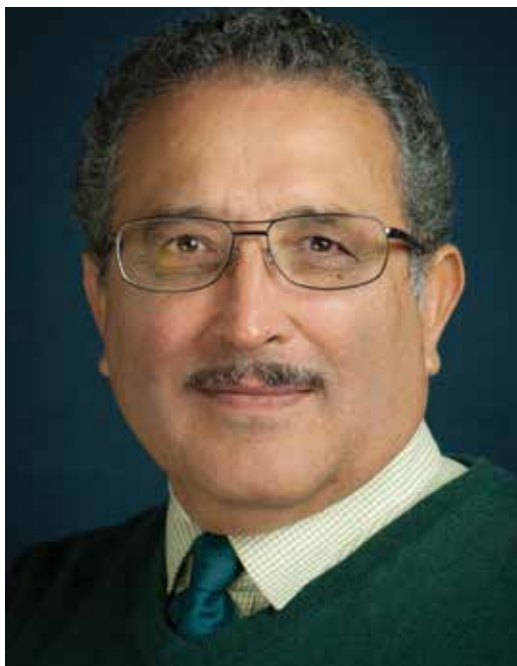
At our School, he's been a stalwart of the Partners in Diversity program after being recruited by Dr. Sid Gallegos ('81). He's supported it financially, and was instrumental in helping

establish our Sea Mar Community Health Centers Student Diversity Term Scholarship in 2018.

He's never forgotten the values imparted by his hard-working parents when he was growing up with nine siblings in California. "I learned to fix things around the house – water heater, plumbing, electricity, carpentry, changing the brakes and oil on the car. Those were tasks we had to do, and that's how we contributed to the family," he says.

"My father called education the great equalizer in life, and going to college was an expectation we all had." The Narváez children took it to heart: Every single one earned a degree.

With a background like this, it's no surprise that he wants our students to see patients who aren't privileged. "I think it's very important that the students go out and get exposure to the community," he says. "These programs are fundamental in the education of the dental student." ■







# 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 Randy Newquist at the School of Dentistry:  
[randyn@uw.edu](mailto:randyn@uw.edu).

# 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. Glen Johnson Class of 1978

*Dr. Glen Johnson obtained his BS in mechanical engineering from the UW in 1967, then worked as a production engineer for Western Electric just outside Boston. In 1970, he and his wife headed for Germany, where he worked as a research associate at the Technical University of Munich for three years. They then returned to Seattle, where Dr. Johnson studied graduate bioengineering at the UW and entered our School of Dentistry in 1974. He earned his MS in dental materials from the University of Michigan in 1983 and thereafter taught full time in Restorative Dentistry at the UW. He practiced general dentistry privately in Olympia from 1978 to 1986 and in Seattle from 1986 to 2007. In 2015 he became Professor Emeritus of Restorative Dentistry. He has been an active researcher in the field of dental materials, with more than 40 grants funded and more than 60 peer-reviewed publications. He has been a reviewer or consultant for several journals. At our School, he has been recognized as an outstanding instructor by students numerous times. In 2011 he received the Washington State Dental Association Faculty Award, and in 2013 he received the Bruce Rothwell Distinguished Teaching Award, our School's highest faculty honor.*



**Dr. Glen Johnson remains actively engaged with our School.**

#### **LIVING ABROAD**

My wife and I traveled independently in Europe over our junior summer in college, and it became our dream to return one day to live and work in Europe. We studied German for two years near Boston, and in December 1970 we purchased one-way air tickets to Europe. We sold most of our possessions, emptied our savings account, and off we flew. We enrolled in the Goethe Institute near Munich for two months of intensive language study. After interviewing at several Interna-

tional Schools, Susan was offered a fifth-grade teaching position at the Munich International School. She couldn't say yes fast enough, and with this news, we knew we could live out our dream. I then replied to an advertisement in the Munich newspaper, for an engineer with training in heat transfer and fluid dynamics. I was in over my head to some extent. However, somehow I landed the position!

#### **MOVING INTO DENTISTRY**

What changed was having a child and a desire to be near our parents and family. In the back of my mind, I knew I wanted to go into a professional area where I could deal more directly with people, and I didn't lose sight of a career within health sciences. Returning in 1973, I entered graduate school in engineering because at that time if you weren't pursuing a degree, you couldn't enter the UW. Since my emphasis was bioengineering, I was able to take several courses which served as prerequisite courses for dental school.

The famous Saul Schluger was Chair of Admissions. He was a character. And fun! The class of 1978 was fully accepted when I was finally eligible for consideration. By mail, I was told I was on the wait list. Given the drama, I went into the Admissions Office, and there was old Saul, sitting on the corner of one of the



desks, regaling two staff members with his stories. I rather meekly said, “I’m just coming in to find out where I stand on the wait list.” Saul’s first comment was, “What’s the difference between flotsam and jetsam?” I asked him a question, and then he asks, “What’s the difference between flotsam and jetsam?” Well, I got it right. And then he turns to the staff, and says, “Should we tell him?” And that’s when they told me I was first on the wait list. But that was old Saul. He was larger than life. I began dental school at age 29 and never intended to go into academics, because after one-year pre-dent and four years of dental school, it was paramount to earn some money to support the family and climb out of debt. I started a full-time solo practice in Olympia from scratch.

I taught one half-day per week as an affiliate faculty member, for Rich Frank in D1 and in clinic for Removable Prosthodontics, a separate department then. A pivotal event in my professional life came as a big surprise in early winter of 1980. John Townsend, then Chair of Restorative Dentistry, approached me in clinic asking, “Glen, would you consider a half-time position in Restorative to help Jack Nichols develop a new curriculum in dental materials?” I can’t count the times I’ve acknowledged John for that offer.

I served half-time for two years, during which time Jack and I developed an all-new dental materials curriculum with a science lecture course and an all-day laboratory course. While half-time, I had a discussion with John and said, “You know, this is really enjoyable, and I’d like to also conduct research,” and he said, “Well, you need to get an

advanced degree to qualify for a tenure-track position.” So, I applied to the University of Michigan for the graduate degree program in dental materials. The mentors there – Bob Craig, Kamal Asgar, Andy Koran, John Powers, Bill O’Brien and others – were world-class educators and individuals.

The two years at Michigan were fabulous. I came to know many respected academicians, at Michigan and elsewhere, and benefited from an environment emphasizing well-focused research and publication. I started full time at the UW School of Dentistry in ’83 and sold my Olympia practice. I joined Jim

Weaver in North Seattle for practice one day per week. Jim, a UW prosthodontist, was half-time in Restorative for 25 years, and established the predoctoral implant program.

## A CLINICAL HANDBOOK

In 1996, I realized that when students came to clinic, they were bringing cumbersome course syllabi with them to look up information. I mentioned to Dave Bales, “You know what we ought to do? We ought to have a small Restorative handbook that summarizes indications, contraindications, procedures, materials, when to use it, and when not to use them.” And Bales says, “That’s a pretty good idea,” and we did it. So the Restorative Dentistry Clinical Reference started then as a small booklet. It has grown into a 62-page handbook which is printed for students, staff, and faculty each June. 2019 was the 23rd year of annual editions. I consider this one of the physical legacies that I initiated, which is still in use. It exists online at <https://dental.washington.edu/restorative-dentistry/clinic-resource-information/>.

## ICONIC FIGURES

I would like to honor some of the clinician-teachers who were part of my training so that their memories may live on. In Restorative were Ken Morrison, Lloyd Jacobson, Lyle Ostlund, Bob Canfield, Ian Hamilton, Marv Johnson, Ralph Yuodelis, Myron Warnick, Jack Nichols, a young Marty Anderson, Jim Weaver, Cary Halpin, Steve Teel, Harvey Strand, and Jim Stoddard. In Removable Prosthodontics were Chuck Bolender, Dale Smith, Rich Frank, Brent Nash, Brian Toolson, Dave Wands, Charlie Swoope, and Jim Lord. In Endo, Gene Natkin, Gerry Harrington, Hank Van Hassel, Bob Oswald; in Oral Surgery, Jim Hooley, John Gehrig, Dale Bloomquist, Tom Hohl, Rodger West; in Oral Med, Ed Truelove, Earl Sommers, Sam Dworkin; in Perio, Saul Schluger, Roy Page, Alf Ogilvie, Bill Ammons; in Ortho, John Moore, Dick Riedel, Don Joondeph, Peter Shapiro; in Pedo, David Law, Tom Lewis, John Davis, Bertha Barriga, and Peter Domoto.

Another thing that was different years back: If someone was asked if they would consider a half-time teaching position, nobody said no, regardless of the meager salary. Most considered it an honor. Compared to recent times, our class size was large. The School had accepted federal funds for construction of the T Wing. As a result, the School was required to increase class size, so ours was 103. And it was the first class with a large number of women – I think 30-plus. Being part of a coed class was wonderful, and all of the women went on to entertain distinguished careers. But consider this: D-1 was much smaller than today, and space was tight for 100-plus students. With 100 Bunsen burners running at the same time, it was a “sweat shop.” Bill Loew was there to bail us out, even in those days! ■



Dr. Johnson in predoctoral clinic in 2010



## SCHOOL OF DENTISTRY

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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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# A partner in lifelong learning

Our School of Dentistry and the Washington Academy of General Dentistry share a common purpose: to help dental professionals continuously refine their skills and knowledge as lifelong learners.

“From our humble study club meetings in Room B-220 of the School of Dentistry to our five-chair clinic, three-lecture-hall educational center at Angle Lake, Washington AGD and the School have always shared a common passion for education,” says WAGD Executive Director Valerie Bartoli.

“Continuation of a well-balanced education after graduation is what Washington AGD does better than anyone else, and being able to pair with the School of Dentistry is a perfect match.” She especially appreciates the work done to coordinate collaborative learning by Sally Gee, our Director of Continuing Dental Education (CDE), and Joy Park, our CDE Program Coordinator.

WAGD started its collaboration with our School 20 years ago in a modest way, offering students one-hour “Lunch and Learns” with pizza and a lecture. With the help of Dr. Ricardo Schwedhelm and Dr. Tar Chee Aw, the William Howard Memorial Lecture and Dental Student Case Presentation was started where students submitted documented cases for the annual spring critique and judging. Recently the Washington AGD/School of Dentistry Student Track Program under Dr. Tim Hess’s supervision was created and currently offers well-organized learning opportunities within the school setting. Last year Dr. Hess was recognized



## SCHOOL OF DENTISTRY

UNIVERSITY of WASHINGTON

with the AGD Faculty Award and the program itself received the AGD National Student Chapter Award.



“With Sally’s and Joy’s help, we continue to collaborate on creating learning opportunities outside the dental school setting for dentists across the nation,” Bartoli says. “The School of Dentistry stands for quality education. The hope is for all graduat-

ing dentists to continue their lifelong learning with meaning and passion through our postgraduate courses.”

Collaborative courses are a growing trend, she says. “Two decades ago, the School of Dentistry, Washington AGD, WSDA, and the Pierce, King, and Snohomish county societies offered continuing education independently. AGD was created in 1952 and has been the leader in continuing education for almost 70 years. Twenty years ago, Washington AGD began encouraging a team approach for continuing education providers. By having our organizations working together, we can pool resources and avoid subject conflicts, such as two competing endo courses in the same month. Our organizations are better off and, best of

all, the dentists benefit.”

Hands-on or participatory courses offer the most effective learning situation, she says. “These hands-on courses also include a didactic section, but the hands-on portion provides muscle memory and tactile experience to enhance learning. Oral surgery and restorative courses are especially good subjects for this.”

When AGD was created in 1952, one goal was to provide quality continuing education so dentists could keep pace with rapidly increasing knowledge and technology, Bartoli says. “Things have not changed in 68 years. Lifelong learning was and still is encouraged for dentists to provide the best care to their patients. AGD created Fellowship, Mastership, and Lifelong Learning Service Recognition (LLSR) awards so dentists can track and organize their educational portfolio.

The LLSR includes 100 hours of community service to benefit society and encourage ‘giving back.’ ”

“We love working with Washington AGD,” Gee says. “They are an incredibly valuable partner, and our joint efforts provide a

great benefit to the Washington dental community.” ■



Valerie Bartoli

## More about WAGD

For more information about Washington AGD, contact Executive Director Valerie Bartoli at 206-212-4946 or [valerieb@washingtonagd.org](mailto:valerieb@washingtonagd.org). The website is [www.washingtonagd.org](http://www.washingtonagd.org) and the mailing address is 19415 International Blvd, #410, SeaTac, WA 98188.

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

### Characterization of the Effect of a Newly Identified Gene Encoding the Lipid A Deacylase on *Porphyromonas Gingivalis* Virulence

**PI: Dr. Sumita Jain**

The Gram-negative sub-gingival anaerobic bacterium *Porphyromonas gingivalis* is closely associated with periodontitis, a chronic inflammatory disorder. It is found in greater abundance in periodontal diseased sites than in healthy sites, suggesting it is well equipped to survive hostile inflammatory conditions. In addition, mouse models of infection have demonstrated that infection with *P. gingivalis* can tilt the sub-gingival microbiome to a disease-inducing dysbiotic state.

Lipid A, the hydrophobic anchor of lipopolysaccharide, is the bacterial ligand of the host innate immune receptor, TLR4. In *P. gingivalis*, lipid A is modified by deacylation, from an initially synthesized penta-acylated structure to tetra-acylated structures, a step essential for evading the TLR4-mediated pro-inflammatory response. Tetra-acylated lipid A is also known to contribute significantly to bacterial virulence properties such as outer membrane vesicle (OMV) formation, and attenuation of inflammasome activation. OMVs in *P. gingivalis* are distinct from the outer membrane (OM) in that they contain more under-acylated lipid A, more Type IX secreted proteins (T9SS), and more anionic A-LPS, the last known to be an OM tether for T9SS proteins. T9SS proteins comprise many virulence proteins including gingipain proteases and peptidylarginine deiminase. OMVs, hence, are considered as long-distance carriers of a heavy virulence payload. Since lipid A molecules of OMVs have been shown to be tetra-acylated, and OMVs are a favored environment for T9SS virulence proteins, we hypothesize that the OM of a deacylase-deficient strain is, conversely, attenuated for these virulence factors due to absence of tetra-acylated lipid A.

Identification of the as yet unknown lipid A deacylase, required for a key step in the lipid A biology of *P. gingivalis*, was the focus of our previous R21 application. Our work led to identification of PGN\_1123, a highly conserved gene, as the deacylase-encoding gene in *P. gingivalis* 33277. In this application, our goal is to study the effect of lipid A deacylation on different aspects of *P. gingivalis* pathogenesis.

In Aim 1, we will compare wild-type 33277 with the  $\Delta$ PGN\_1123 mutant for OMV production, amount of A-LPS, gingipain activity and inflammasome activation, all of which contribute to *P. gingivalis* virulence.

In Aim 2, we will investigate whether expression of PGN\_1123 is up-regulated during disease. PGN\_1123 is the last gene of a three-gene operon. We will compare in vivo expression of all three genes of the operon from healthy vs. diseased sub-gingival plaque samples obtained from human subjects.

A decrease in potency of virulence properties in the  $\Delta$ PGN\_1123 mutant will be followed by an in-depth study of the enzyme to better understand the deacylation process, and to devise ways of inhibiting it. Increased PGN\_1123 expression during disease will imply the gene is regulated. Future studies will include investigating its regulation, and evaluating use of its expression as a diagnostic tool for measuring extent of disease.

### Fibrous dysplasia

**PI: Dr. Andrea Burke**

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 patients' 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 NIH work on a cohort of FD patients determined that their life satisfaction did not correlate with quantitative disease burden. Some qualitative 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.

In CFD, stigma is a component of the experience of disease – because distortion of the face and skull are jarring to others and because others may associate distortion with intellectual deficits. Patients with CFD thus negotiate negative reactions to their appearance and their own awareness and feelings about deviation from “normal.” Perceived stigma from others and self-stigma are associated with negative mental health outcomes, including depression, low self-esteem, and self-isolation. Surgically removing the causes of stigma could be viewed as a treatment for these psychological effects. However, previous research into other craniofacial diseases report that surgery may not result in patient satisfaction and resolution of psychological discomfort.

Our study will answer the PICO 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.

*For details on any study at the School of Dentistry, contact Dr. Douglas Ramsay, Associate Dean for Research & Faculty, at [ramsay@uw.edu](mailto:ramsay@uw.edu), or Sang Sim at [ssim@uw.edu](mailto:ssim@uw.edu), or the principal investigator.*



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## ■ CLASS OF 1960

**Dr. Robert Monsen**, Lakewood, Wash.: Looking forward to 2020 and the 60th reunion of our graduation from the University of Washington Dental School.

## ■ CLASS OF 1961

**Dr. Roger Meyer**, Greensboro, Ga.: Still practicing surgery in Atlanta, Georgia (part-time). Sheila is also a part-time nurse anesthetist at local hospital. We enjoy living on Lake Oconee and enjoying golf (Sheila), tennis (me), bicycling, hiking, and visiting with our children and six grandchildren, who all live in Georgia, North Carolina, and South Carolina. We will have to "wait until next year" for Husky football! All the best to classmates and friends in the Pacific Northwest, the most beautiful place in the world – when not raining!

## ■ CLASS OF 1966

**Dr. Gary Y. Dodobara**, Federal Way, Wash.: I retired completely in July 2019. My children, Steven Dodobara (2002) and Lisa Simpson (2010), are running the practice. I am fishing, gardening, traveling and having fun with our seven grandchildren.

## ■ CLASS OF 1970

**Dr. Robert Sherman**, Hampstead, N.C.: I am still at it four days a week but I am only working half-days. Looking forward to our 50th reunion.

## ■ CLASS OF 1971

**Dr. Larry J. Forsythe**, Bow, Wash.: Totally retired as of December 9, 2019. Only one patient left, my dad, who is 96 years old.

## ■ CLASS OF 1974

**Dr. Norman P. Goodwin**, Seattle: Volunteer dentistry in Tanzania this spring with Dr. Loree Bolin of Health and Hope Foundation and this year's ADA Humanitarian Award winner. Looking forward to an exciting and rewarding three weeks.

## ■ CLASS OF 1977

**Dr. R.A. Rydman**, Othello, Wash.: I am now retired. Forty-two years of practice was enough.

## ■ CLASS OF 1978

**Dr. Susan M. Adams**, Kent, Wash.: I sold my practice in June 2018 and have now fully retired. I sold to Drs. Brent Spencer (mom is Linda Hansen, Class of 1979) and Kooroush Mansourzadel, both UW graduates, Class of 2016. I could not be more pleased with the

transitions. Knowing my practice was in good hands (they kept the staff and have a similar philosophy of care) made leaving quite easy. I'm playing pickleball, hiking, snowshoeing, yoga, and lots of nonprofit and church work. I'm loving retirement! Officially, I have changed from Hollinsworth to Adams so you'll still see me around as I continue to be involved in the profession.

## ■ CLASS OF 1979

**Dr. Marianne R. Day**, Lincoln, Neb.: I am currently an assistant professor at University of Nebraska Medical Center College of Dentistry in Lincoln. I have been here for the last four years. As course director for Dental Anatomy, a newer digital method of waxing assessment will be incorporated into that time-honored passage of waxing teeth. I am mentoring two students who will present a poster at the 2020 ADEA meeting. For fun, I do long-distance bicycle rides and tours. I have plans to complete a century ride (100 miles in a day) this coming summer.

**Dr. George F. Naden**, Seattle: I retired at the end of 2018. Missing my patients, but enjoying retirement.

**Dr. H. Kirby Skavdahl**, Kennewick, Wash.: I am hoping to retire from private practice, limited to periodontics and implants, this year. I will put in about 38 years in the saddle. My next job is ski instructor at Sun Valley, Idaho. And nine grandchildren to spoil! I enjoyed our 40th class reunion at the University Club. Thanks to Jeff Parrish and Brew Bede for organizing this fine event.

## ■ CLASS OF 1980

**Dr. Gary Heyamoto**, Woodinville, Wash.: I retired from private practice in October 2019. I'm working one day a week at Lake Washington Institute of Technology, volunteering four days a week split between WAGD and the WA Oral Cancer Coalition on Oropharyngeal Cancer Awareness. Still doing stats for Husky Football, Seahawks, Rose Bowl and CFP Championship Game.

## ■ CLASS OF 1992

**Dr. Ronald McEntire**, Adams, Ore.: I'm still enjoying dentistry after 27 years. I'm still learning new things! I sold my part of the

Walla Walla practice, and now practice in Pendleton, Ore. I've been in Pendleton for four years now, and I'm sure I'll practice here until retirement. My wife, Michelle, and I have a 10-year-old boy and are enjoying watching him grow. We also have three grandchildren we enjoy. This last summer we went on a Gordon Christensen Mediterranean cruise, which was great!

## ■ CLASS OF 2008

**Dr. Elizabeth Shaw**, Seattle: Classmates and business partners Beth Jacobsen and Beth Shaw spent two wonderful weeks in Peru hiking the Inca Trail.

Beth Shaw (left) and Beth Jacobsen



## ■ CLASS OF 2012

**Dr. Daniel Schruth**, Seattle: The last few years have been busy! During my first year of practice ownership, we moved the office to a new location and my first daughter was born. Although it was stressful, I am loving being a new dad and doing orthodontics every day in private practice at Rainier Valley Orthodontics ([www.rainiervalleyortho.com](http://www.rainiervalleyortho.com)). I'm grateful for the experience and training I gained at UWSOD. I can't believe it has been almost eight years!



## reunions



### ■ CLASS OF 1979

On Oct. 26, around 40 geezers and geezerettes gathered in the lovely University Club to renew friendships, find out what has happened with a classmate after 40 years, and generally enjoy an evening filled with memories and nostalgia. The general consensus was that Steve Greiwe had changed the least among the geezers, and no one was brave enough to make that assessment among the geezerettes. People came from far and wide, and all agreed it was a wonderful evening with hopes that another reunion will take place sometime in

the future before we're all in THE HOME. Dean Gary Chiodo gave us a brief update on the state of the dental school especially from a fiscal perspective as it has been tenuous in the past few years. The physical plant is much the same as we left it 40 years ago and in need of a massive, expensive modernization into 21st-century dentistry. He was gracious enough to stay awhile and chat with individuals who had questions. See if you can spot that person who sat across from you in D-1! — Jeff Parrish

## 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-memoriam/>.



### **DR. DONALD RALEIGH** **CLASS OF 1950**

Dr. Donald Raleigh passed away on Sept. 9, 2019 in Edmonds, Wash. He was 101. He had a remarkable life as an exemplary member of the Greatest Generation. The U.S. Navy veteran survived Pearl Harbor and served throughout the Pacific campaign of World War II, then enrolled in the first class at the School of Dentistry. He practiced in downtown Seattle for 42 years, and served faithfully as class representative in the Dental Alumni Association.

### **DR. JOHN G. RAYNES**

#### **CLASS OF 1952**

#### **ORTHODONTICS CLASS OF 1956**

Dr. John G. Raynes passed away peacefully in his sleep on May 19, 2019. He was 90. He had an orthodontics practice in North Seattle. He also taught at the School of Dentistry.

### **DR. THOMAS G. REYNOLDS**

#### **CLASS OF 1953**

Dr. Thomas Glenn Reynolds passed away on Sept. 19, 2019 in Lynnwood, Wash. He was 93. He had a dental practice in Seattle's

University District for 38 years. He was a lifetime member of the Washington State Dental Association.



### **DR. DANIEL M. ESTERLY** **CLASS OF 1954**

Dr. Daniel M. Esterly passed away on May 11, 2019. He was 94, and had spent 36 years in dentistry.



### **DR. RALPH G. STENBERG** **CLASS OF 1954**

Dr. Ralph G. Stenberg of Edmonds, Wash., passed away peacefully on Sept. 7, 2019 after a brief illness. He was 93. He practiced dentistry in the Lynnwood/Edmonds area for 57 years. He was a mentor to several study clubs and a member of several professional dental groups.



### **DR. FREDERICK R. BROWN** **CLASS OF 1955**

Dr. Frederick Richard "Doc" Brown died on Feb. 15, 2020 in Portland, Ore. He was 89. He practiced dentistry in the Renton Highlands for over 50 years. He was a lifetime member of the Flying Dentists Association.



# in memoriam



## **DR. STANFORD D. PRINCE CLASS OF 1956**

Dr. Stanford Daniel Prince passed away on July 12, 2019. He was 94. He served in the U.S. Navy during World War II, then entered the UW and received his BA in 1950 before entering the School of Dentistry. He practiced dentistry in California and then returned to Seattle and spent his career working for the Seattle-King County Health Department.



## **DR. ROBERT H. DEMPSEY ORTHODONTICS CLASS OF 1958**

Dr. Robert Howard "Howie" Dempsey died on Aug. 23, 2019 in Yakima, Wash. He was 93. He began his orthodontic practice in Yakima in 1958 and retired in 1987.



## **DR. JOSEPH D. MCNALLY CLASS OF 1960**

Dr. Joseph Daniel "Dan" McNally passed away from complications of vascular dementia on Sept. 1, 2019. He was 88. He opened a family dental practice in Tacoma, Wash., and later specialized in endodontics. He served as president of the Pierce County Dental Society, president of the Washington State Dental Association, and vice president of the Delta Dental Plans Association.



## **DR. RICHARD D. LESHGOLD CLASS OF 1963**

Dr. Richard Dean "Dick" Leshgold died on Jan. 6, 2020. He was 86, and had practiced in Seattle. He served as president of the Washington State Dental Association and was on the boards of the American Dental Association and Delta Dental. He served as the team dentist for the Seattle Mariners from their inception in 1977 until he retired in 1998.



## **DR. ALAN D. BROOKS CLASS OF 1964**

Dr. Alan D. Brooks passed away on Jan. 20, 2020, in Geneva, Switzerland, while visiting his son's family. He was 80. Interested in dentistry from the second grade on, he served as a dentist in the U.S. Army for three years in Germany after receiving his DDS at the UW. He went on to practice family dentistry in Tacoma.



## **DR. RONALD E. GROW CLASS OF 1965**

Dr. Ronald E. Grow died on Aug. 29, 2019. He was 83. He practiced in Grandview, Wash. He served his community for 43 years and helped establish the dental hygiene program at Yakima Valley Community College, where he also taught dental anatomy and acted as a clinical instructor in the early years.



## **DR. CHARLES A. HALL CLASS OF 1965**

Dr. Charles Alan "Bud" Hall died on Oct. 31, 2019 in Olympia, Wash. He was 88. He graduated from the School of Dentistry when he was 36 and had a successful career.



## **DR. JOSEPH T. BRADLEY CLASS OF 1967**

Dr. Joseph Thomas "Tom" Bradley passed away on Oct. 11, 2019. He was 78. He had a private practice in Tumwater, Wash., for 38 years and retired in

2007. He was active in state and local dental associations. He served as president of the Thurston-Mason Counties Dental Society and on many committees with the Washington State Dental Association.



## **DR. JOHN C. DUMARS ORTHODONTICS CLASS OF 1967**

Dr. John C. Dumars passed away on Nov. 14, 2019. He had a 40-year career in Napa, Calif.

## **DR. GEORGE W. HODGSON CLASS OF 1970**

Dr. George William Hodgson died on Aug. 9, 2019 as a result of injuries suffered in a fall. He was a member of the Washington State Dental Association and Seattle-King County Dental Society. He made several trips to Ecuador to provide dental care to underserved patients in the Andes and the eastern jungle.

## **DR. MERLE C. HERBISON CLASS OF 1973**

Dr. Merle Clifford Herbison died on Nov. 22, 2019 in Seattle. He was 75. He practiced for four years in Everett, Wash., and 42 years in Bothell, Wash. He was a member of the Snohomish County Dental Society.



## **DR. FARRELL G. HINKLE ORTHODONTICS CLASS OF 1973**

Dr. Farrell Gene Hinkle of Costa Mesa and La Quinta, Calif., passed away on Sept. 29, 2019 at his home. He was 77. He had an orthodontic practice in Santa Ana and an office in Newport Beach, Calif. He published many articles on orthodontia and TMJ and was recognized as a Diplomate of the American Board of Orthodontics. He was a visiting professor at UCLA's dental school. He held UW Distinguished Benefactor status for his giving to the Department of Orthodontics.



## **DR. ROSS M. FRAKER CLASS OF 1980**

Dr. Ross McKee Fraker died on Aug. 24, 2019 from complications related to a fall. He was 76. He had a 30-year career practicing general dentistry. He held many positions with the Seattle-King County Dental Society, Washington State Dental Association and School of Dentistry Alumni Board. He developed and patented The Amalgam Collector, and helped many water districts and dental societies across the country develop and implement regulations for dentists to trap waste metal in their offices and prevent pollution of the general water and sewer systems.



## **DR. RICK OUHL CLASS OF 1980**

Dr. Rick "Rickie" Kenneth Ouhl of Spanaway, Wash., passed away peacefully on June 30, 2019 surrounded by his family. He had a 39-year practice in Parkland, Wash. He served as president of the Pierce County Dental Society and on the board of directors for the Washington State Dental Association.

## IMPORTANT NOTICE

As the *Dental Alumni News* was going to press, issues related to the COVID-19 coronavirus disease have compelled the cancellation or postponement of a number of CDE courses. Please be sure to check our CDE website at <https://dental.washington.edu/continuing-dental-education/> for updates on these and other courses.

## SPOTLIGHT COURSES

### ■ SATURDAY, MAY 16

#### **CE1985: Lasers in Restorative Dentistry**

*Applications of diode lasers in endodontics and restorative dentistry / Clinical case presentations of laser dentistry*

**LOCATION:** UW Health Sciences Center

**TIMES:** Registration and Continental Breakfast: 8 – 8:30 a.m.

**COURSE:** 8:30 a.m. – 4:30 p.m.

**TUITION** (includes lunch):

\$289 for dentists, \$189 for dental hygienists, dental assistants, and office staff

\$260 for current Dental Alumni Association members

All fees are \$25 more after May 13

**CREDITS:** 7 hours

**INSTRUCTORS:** Daniel C.N. Chan, DMD, MS, DDS, FADM, FICD (course director and applications); John Yae, DDS (case presentations); and Renato Leonardo, DMD, MS, PhD (keynote and live endodontic demonstration)

Dr. Chan is Professor and Chair of the Department of Restorative Dentistry at the UW School of Dentistry. He has earned a DMD from the University of the Philippines and a DDS from the University of Iowa, as well as a certificate and MS. He has also pursued postgraduate training at the University of Iowa, the UW, and the University of Texas Health Science Center at San Antonio.

Dr. Yae is a Fellow of the Academy of Laser Dentistry and has given seminars nationally and internationally on laser dentistry and implant surgical techniques. He graduated from the UW School of Dentistry and is an associate professor in the

Department of Restorative Dentistry. He practices in Lynnwood, Wash.

Dr. Leonardo graduated from Araraquara Dental School-UNESP in Brazil with a master's degree in endodontics and a PhD in pathology. He is a professor of endodontics and teaches continuing education courses in the United States, Canada, Portugal, Spain, and Brazil. He has published 98 articles, authored 68 chapters in endodontic books as an invited author, and has written nine endodontics books as the main author in English, Spanish, Italian, and Portuguese. Fluent in four languages, Dr. Leonardo lectures internationally and, when not speaking, resides in Brazil.

A number of lasers such as carbon dioxide, neodymium yttrium aluminum garnet, erbium, and diode are used in dentistry for specific goals. Dental applications include diagnosis, prevention, restorative and periodontal procedures, and endodontics. Learn the special characteristics and possible dental applications of laser devices, with a focus on restorative procedures such as bonding, remineralization, and caries removal. Novel laser research will also be highlighted.

The live endodontic demonstration will include the proper cleaning and shaping of the canal space with engine-driven reciprocating motion and specifically designed nickel-titanium instruments. In combination with canal shaping, the application of diode laser irradiation will be proposed for endodontic therapy to increase the level of disinfection, as well as produce morphological changes that occlude dentin tubules, improving the seal of the root canal system.

**REGISTER ONLINE:** <https://dental.washington.edu/continuing-dental-education/>

### ■ SATURDAY, JUNE 6

#### **Beam Me Up: Laser Certification Training**

*(Hands-on workshop offered in partnership with the Washington Dental Hygienists' Association. Attendance limited to 25 participants.)*

**LOCATION:** UW Health Sciences Center

**TIME:** Registration and Continental Breakfast: 7:30 – 8 a.m.

Course: 8 a.m. – 5 p.m.

**TUITION** (includes lunch):

\$499 dentists, \$459 non-ADHA member hygienists, \$399 ADHA members

**CREDITS:** 8 hours

**INSTRUCTOR:** Janet Press, RDH

A practicing dental hygienist since 1975, Janet Press has certifications including diode and Nd:Yag Laser Standard Proficiency, Laser Safety Officer, and RDH licensure in Nevada and California. Internationally recognized as an expert in the field of dental hygiene laser education, she has provided laser education and training for 24 years in the academic environment as well as the private sector throughout the United States and Canada.

Learn how laser debridement meets the demands in treating both biofilm infection and inflammatory side of the periodontal infections through the absorption of light energy. Expand the adjunctive use of your diode laser as an essential key element not limited to periodontal therapy but for optimum risk management recall.

**REGISTRATION:** Through WDHA at <http://wsdha.com/>.

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

**ADA CERP®** Continuing Education Recognition Program

**AODE** Association for Continuing Dental Education

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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 Utah State.

## **UW DENTAL ALUMNI GOLF TOURNAMENT**

**Friday, Sept. 11, 2020**

Tee time: 12:30 p.m.

Tacoma Country & Golf Club

Lakewood, 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. 19, 2020**

**UW Huskies vs. Utah State Aggies**

**Game and brunch:** \$120 per person

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

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

**Meal:** 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

### ■ **SATURDAY, MAY 16**

Annual Dean's Club Dinner  
5:45 - 9:30 p.m.  
Chihuly Garden & Glass, Seattle

### ■ **MONDAY, JUNE 15**

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

### ■ **FRIDAY, SEPT. 11**

Dental Alumni Golf Tournament  
Time: 10:30 a.m. - 6:30 p.m.  
Tacoma Country & Golf Club  
Lakewood, Wash.

### ■ **SATURDAY, SEPT. 19**

Dental Alumni Pre-Game  
Football Event  
Time: TBD  
I Wing Rotunda/Husky Stadium  
UW vs. Utah State

### ■ **SATURDAY, OCT. 17**

School of Dentistry ADA  
Dean's Reception  
Time: 5 - 7 p.m.  
Orlando, Fla. (Location TBD)

*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>*