

FALL 2016

THE UNIVERSITY OF WASHINGTON DENTAL ALUMNI ASSOCIATION VOL. 42, NO.2

W Dental Alumni news

The



Team

Our
indispensable,
incomparable
AFFILIATE
faculty

■ **AMONG THE ELITE**
*New rankings put School
in U.S. top 5, world top 15*

■ **TRAILBLAZERS**
*Faculty duo teams up
on rare oral surgery*

■ **IN THE SPOTLIGHT**
*Dean's Club celebrates
Drs. McGraw, Shapiro*

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 Dentist of the Future!

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



FALL 2016

DentalAlumninews

THE UNIVERSITY OF WASHINGTON DENTAL ALUMNI ASSOCIATION

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President's Message

Times of change make your support vital

It's an honor and privilege to represent the Dental Alumni Association as your President for the next two years. It will be a pleasure to work with alumni, our dean, faculty and staff as we strive to help our School and our dental students.

The School's challenge and clinical goal is to prepare students to be well-trained orofacial health care professionals. The School's research programs contribute to understanding biological, behavioral, social, biomedical, and clinical aspects of dental / orofacial health.

Through service, the School strives to improve the public's health through outreach programs with attention to minority and underserved communities. The School values diversity in its students, staff, faculty, and patients. It seeks to foster an environment of mutual respect with objectivity, imaginative inquiry through lifelong learning, and the free exchange of ideas.



The Alumni Association supports these goals and has these objectives:

- To encourage the continuing interest of alumni in the UW School of Dentistry and to enhance awareness and understanding of its goals, progress and challenges.
- To promote fellowship and professional communication among our alumni and to recognize their achievements in dentistry and their contributions to the community.
- To assist the UW in securing financial support for the School.
- To assist the School in developing in its students a positive attitude about the School, the profession and the Alumni Association, and to assist the School in its student recruitment activities.
- To further the dissemination of dental education and information.

Our School has had generations of leaders by example – leaders who have pride in the excellence of our School and in our profession. I pledge to work with others to continue this legacy.

We need to look to the future – the future of the School and our profession. While change is inevitable, training dental providers is not easy. Change needs planning, input and guided direction – sometimes even course corrections with input from all of us as we move forward.

We need to work together to support our Dean, our faculty and the young students and future dental leaders of our profession. The Alumni Association, caring alumni staff and organized dentistry within the Washington State Dental Association and Seattle King County Dental Society must maintain our commitment to educating our students to remember to keep patients as our first priority.

An outstanding dental school like ours must and will find outstanding solutions to the complex challenges for oral health care delivery in the 21st century. Change can be stressful and sometimes difficult, but your Alumni Association will work to help and support our School with its change.

It will not be easy. We all need to continue to be involved and work together to help direct and guide the School in these changing times for dentistry. Your Alumni Associations needs your continued financial support, energy and involvement.

Our future can be bright, but it cannot be taken for granted. Dentistry is a diverse profession now with changing realities. This can be good, but we must maintain our core values and ethics, and continue to be involved and remember to place our patients as our first priority.

Your Alumni Association is pledged to work for our School and its students. Everyone's efforts and input are necessary to maintain our excellence!

RICHARD CRINZI ('72)
UW Dental Alumni Association President

W UNIVERSITY of WASHINGTON Dental Alumni Association



UW DENTAL ALUMNI ASSOCIATION

With nearly 1,000 members, the Association makes Dentistry one of the UW's top schools in alumni participation and involvement. The Association, founded in 1950, connects alumni, encourages fellowship, supports students before and after graduation, and promotes continuing dental education. It promotes interest in the School of Dentistry and provides financial support.

Your Membership Dues Support

- \$60,000 annually for Dental Student Scholarships
- Students participating in the Summer Undergraduate Research Fellowship (SURF)
- Sponsorship of White Coat Ceremony
- Mentor Program to match students with mentor dentists
- Student Events (vendor show, golf tournament, winter gala dance, talent show, spring barbecue, and student socials)
- Special projects such as the renovation of the student lounge
- Practice Opportunities Program and Listing
- Distinguished Alumnus of the Year Award
- Class Reunions

Join today by making one simple phone call!

**Call UW Dental Alumni at
206.543.7297**



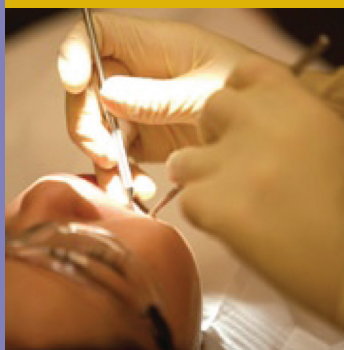
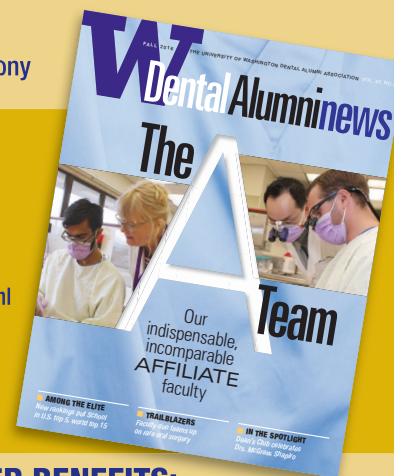
SIGNATURE EVENTS

- | | |
|---------------|---|
| FALL | Football Brunch, Golf Tournament, ADA Reception, Mentor Reception |
| WINTER | Beginning A Practice / Practice Opportunities |
| SPRING | Ernest Jones Lecture, Spokane Reception, Dean's Club Dinner (Distinguished Alumnus) |
| SUMMER | PNDC Exhibit, White Coat Ceremony |

PUBLICATIONS

DENTAL ALUMNI NEWS –
SEMI-ANNUAL PUBLICATION
<http://dental.washington.edu/alumni/magazine.html>

UW SCHOOL OF DENTISTRY WEBSITE
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MEMBER BENEFITS:

- Receive *Dental Alumni News*
- Priority registration for Ernest Jones Memorial Lecture
- Invitations to alumni events and receptions
- Invitations to School of Dentistry events and celebrations
- 10% discount on UW/CDE lecture courses
- Satisfaction of knowing you are assisting the Dental School

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You can help shape dentistry's future

I hope you'll join me in my pride and honor for our top-15 world ranking (see Page 9). We've had one of the world's great dental schools for a long time, and that's largely a testament to our great faculty.

One part of that faculty that hasn't always gotten the recognition it deserves has been our affiliate faculty. These dedicated volunteers, many of them alumni, have put in countless hours of selfless service. Every single day, they impart the benefits of their hard-earned experience and practical wisdom to our students, and our School is all the better for it.

No school of dentistry could afford to hire enough full-time or part-time faculty to take the place of affiliates, and I'm delighted that we've started recognizing their efforts with our Hungate Awards for Teaching Excellence (see Page 30). Even so, we can never repay them for all they bring to our School, and I can't begin to express how grateful I am for their work.



While we've always relied heavily on our affiliates, our need has only grown, particularly in the last couple of years. In the course of overhauling our curriculum, we've instituted third-year clerkships and a new fourth-year model that emulates private practice. Our students are seeing more patients than ever before, and that means they'll go out into practice better-prepared than ever before.

However, that also means we need even more faculty coverage in our pre-doctoral clinics. And that's where you come in.

If you're already serving on our affiliate faculty, I thank you profoundly. If you're not, though, and you're a licensed Washington dentist, then I'd like you to strongly consider becoming an affiliate faculty member, especially if you're in the Puget Sound area.

I know that private practice keeps you busy. But many of our affiliates still manage to squeeze out a half-day for us even while practicing. And if you're retired, or throttling back on a glide path toward retirement, then we really need to talk.

This is your chance to give something truly valuable back to the profession that has given you such a rewarding career. If you're a UW dental alum, it's also a chance to do something for the School that made it all possible. What could be more meaningful than coming to our School and helping to shape the future of the dental profession?

I've heard from many of you who have applied that there's considerable paperwork. I won't deny that. We've tried to streamline the process as much as possible, but I think you'll also understand that we can't cut corners.

At the end of the day, though, it's all about giving back something to our profession. And I happen to think that "Affiliate Faculty Member at the UW School of Dentistry" on your resume certainly doesn't hurt your standing with your patients. It's also a two-way street: You'll love how our terrific students will challenge you and keep you on your toes.

So just contact Christina Wee in my office at cwee@uw.edu. She'll get you started.

This is your chance to come to one of the world's great dental schools and help shape the future of dentistry in an exciting new curriculum. I'm looking forward to seeing you on the clinic floor!

A handwritten signature in blue ink that reads "Joel Berg".

JOEL H. BERG, DDS, MS
Dean



WSDA/Dental Alumni Mentor Program

Mentors make a tremendous impact on our students. They demonstrate professional behavior and ethics. They give students real-world knowledge of dental practice that the classroom — and even school clinic — can't always provide. They are a powerful force in directing the future of the dental profession.

DO YOU WANT TO MAKE A DIFFERENCE?

Contact Randy Newquist at the School of Dentistry:
randyn@uw.edu or 206-616-0716.

*Check the Alumni Calendar of Events on the back cover
for details on this year's Mentor Reception!*



School in U.S. top 5, world top 15

The UW School of Dentistry was rated No. 5 in the United States and No. 15 in the world this spring in the latest Quacquarelli Symonds (QS) World University Rankings.

The University of Hong Kong dental school was ranked first in the world, while the University of Michigan took the top spot in the United States and No. 2 in the world. The other U.S. schools ranked in the world's top 15 were New York University, Harvard University and the University of North Carolina at Chapel Hill.

The rankings were reported in late May by *Dentistry Today*.

"I'm extremely pleased by this ranking, which I see as a clear affirmation of our faculty's world-class quality," Dean Joel Berg said. "As we continue to implement our new curriculum, I believe that we can move even higher up the ladder."

Starting last year, the School of Dentistry began installing a new "Dentist of the Future" curriculum designed to reflect the rapid changes in dental science and technology, as well as new modes of dental practice. A key feature was last year's rollout of a system of third-year clinical "clerkship" rotations that give students a more intensive exposure to the core skills of general dentistry.

This summer, the School also imple-

mented a new fourth-year clinical model designed to mimic private practice as closely as possible.

The new curriculum also significantly departs from the old model by using a framework of "threads" organized around the core competencies of general dentistry, including:

- Restoration of form and function
- Ethics and professionalism
- Care of diverse populations
- Critical thinking
- Foundations of human health and disease
- Dental practice management
- Health promotion, disease prevention and communication
- Medical management of the dental patient

The curriculum also addresses a long-standing need by significantly expanding practice management and integrating it throughout the four-year pre-doctoral program.

Other U.S. dental schools ranked in the world's top 50 were:

- University of California at Los Angeles (19)
- University of Pennsylvania (21)
- Boston University (24)
- University of California at San Francisco (30)
- Columbia University (32)

- University of Iowa (36)
- University of Southern California (39)
- The Ohio State University (40)
- University of Minnesota (44)
- University of Florida (45)

QS, a prominent British educational organization that ranks the world's universities, assigned ranking scores based on academic reputation, employer reputation, and research citations per paper on a scale of zero to 100, averaging the totals for final scores. Survey participants identified up to 10 domestic and 30 international institutions they considered excellent. ■

Journal article details big changes at School

Several faculty members collaborated on an article in the April issue of the *Journal of Dental Education* that describes how our School applied modern "lean process" management issues to an overhaul of our curriculum and administrative operations.

Dr. John Wataha, Dr. Wendy Mouradian, Dr. Rebecca Slayton, Dr. John Sorensen and Dean Joel Berg teamed to produce the article. It describes lean process, which, among other things, breaks workflow processes into small, discrete steps in a procedure called value stream mapping. Each step is analyzed to determine whether it adds value to the overall process.

Shortly after he began his deanship, Dean Berg directed that lean process techniques be employed in the effort to reinvent the curriculum and streamline our administration. Key financial support came from Delta Dental of Washington, while the KaVo Kerr Group provided training support.

The article can be found at www.jdentaled.org/content/80/4/393.full.

Faculty blazes trail in rare procedure

A team of University of Washington specialists, including two School of Dentistry faculty members, rebuilt a patient's upper jaw and hard palate in one day in a rare procedure that utilized three-dimensional computerized design and implant-bone integration technology.

Dr. Jeffrey Rubenstein, Maxillofacial Prosthodontist and Professor in our Department of Restorative Dentistry, and Dr. Thomas Dodson, Chair of our Department of Oral and Maxillofacial Surgery, joined Dr. Neal Futran of the School of Medicine to perform the final step of the 15-hour procedure, called an immediate reconstruction and rehabilitation, on May 16 at the UW Medical Center.

"Only a few centers worldwide offer this service," Dr. Rubenstein said, adding that this was the first time he



Dr. Rubenstein

knew of its being performed at any Pacific Northwest medical center. The new procedure makes significant use of osseointegration, the process by which living bone grows around and chemically and mechanically bonds to a titanium implant. It also relies on advanced virtual computer modeling that allowed the surgeons to precisely design a new set of teeth and supporting bone and tissue for an ideal fit.

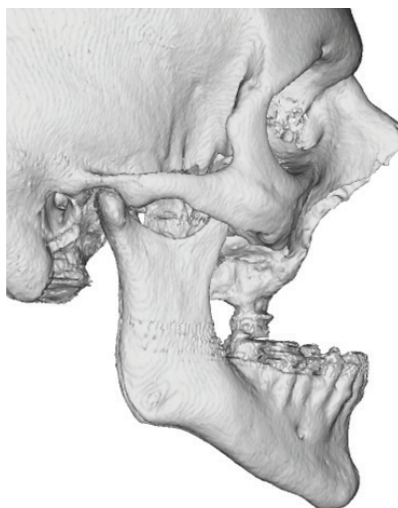
The patient, Marvin Downs, 56, of Tumwater, Wash., had almost all of his maxilla and upper teeth removed in 2003 during ablative surgery for oral cancer. Lacking a maxilla and hard palate, Downs could not speak intelligibly or swallow food or liquid without having it spill from his nose and sinuses.

A specialist at the VA Medical Cen-



This scan shows the placement of the maxillary implant.

ter in San Francisco, where Downs was then being treated, fashioned an obturator – a kind of denture similar to an orthodontic retainer – that gave Downs upper teeth, covered the 2-centimeter hole in his palate and im-



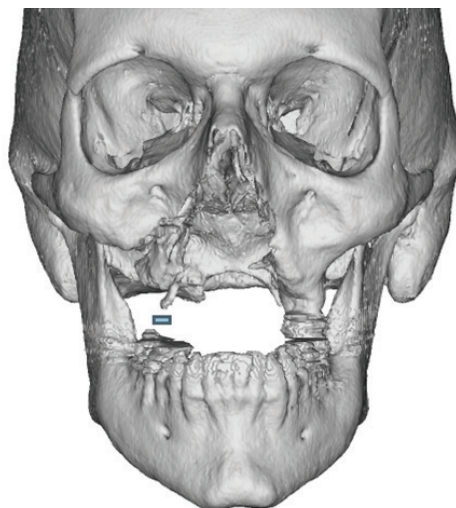
An imaging scan shows how surgery for oral cancer in 2003 left the patient without most of his maxilla and upper teeth.

proved his speech. However, with only one remaining molar to anchor it, the denture could not be firmly stabilized, and grew only more uncomfortable over time. Attempts to adjust it proved fruitless.

In 2010, Downs was referred to Dr. Rubenstein, who determined that further adjustments or conventional treatment held little hope for improvement. He consulted with Dr. Futran, who is Chair of the UW Department of Otolaryngology, and Dr. Dodson to seek a better and more permanent solution.

With traditional reconstructive procedures, a patient such as Downs would first undergo a vascularized fibula free flap to reconstruct the missing portions of an upper or lower jaw. After the grafts and their accompanying tissue and blood supply were allowed to heal for several months, titanium dental implants could be installed in the jaw to anchor new teeth. The teeth could also be installed at that time, but might be delayed further while healing from the implant surgery took place.

In the new procedure, however, the implants were embedded in the



fibula in July 2015 by Dr. Futran and Dr. Dodson. On May 16 of this year, the team harvested the portion of the fibula with the healed and integrated implants, each with its own blood supply and overlying soft tissue, muscle and skin. They cut the fibula portion into three segments, using a virtually planned and CAD/CAM fabricated cutting guide to configure it to the shape of the upper jaw. An interim prosthesis was affixed to the three bone segments and transferred to the patient's mouth, permanently reconstructing his upper jaw and providing a full complement of upper teeth interfaced with the mandibular teeth.

Dr. Rubenstein affixed acrylic teeth to the bone grafts, and the whole complex was transferred into the patient's mouth by Dr. Dodson and Dr. Futran. Dr. Futran also harvested muscle and skin to seal the hole in the hard palate.

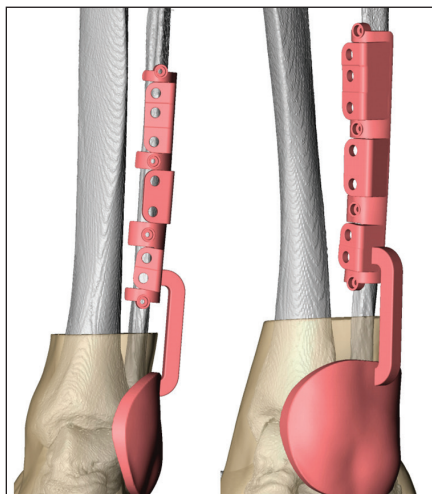
"The huge potential advantage is the patient will have [functioning teeth] immediately as opposed to going through a yearlong, multi-stage procedure," Dr. Futran said. "Granted, he has had a previous step, but this still has far more potential for full rehabilitation in a meaningful way."



Dr. Futran

In the conventional method, implants are placed and the dental prosthesis is fitted to the best available bone, but it may not necessarily be the best solution in terms of function or appearance, Dr. Dodson said. "In the new method, an ideal prosthesis is [virtually] designed [and fabricated] and then the implant and graft placement designed to fit the best prosthetic result," he said.

Over the course of a year, the treatment team worked with virtual-planning and CAD/CAM fabrication experts, including Mike Rensberger, vice



A cutting guide, designed and fabricated with 3-D computer software, was positioned on the patient's fibula for precise placement of metal implants. The guide was also used later to harvest the segments of the fibula, with the imbedded implants, that would be used to reconstruct the upper jaw.

president of Reconstruction Health Care of 3D Systems in Littleton, Colo., via extensive teleconferencing, online meetings and emails. Dr. Rubenstein prepared the prosthesis prototype, which was scanned and fabricated with CAD/CAM technology by Lee Culp of Sculpture Studios in Raleigh-Durham, N.C.

In July 2015, after several virtual planning sessions, a drilling template was fabricated and used by Drs. Futran and Dodson to place the implants. Dr. Futran then performed the May 2016 surgery to harvest the bone for the graft and segment it with specially prepared cutting guides based on the virtual planning. He then set the graft intra-orally and connected it to the blood vessels in the neck. Dr. Dodson worked with Dr. Futran to set and stabilize the graft after Dr. Rubenstein first connected the interim CAD/CAM prosthesis to the implants.

The biggest risk of the surgery would be

failure of the blood supply to the new bone structure, which could lead the graft to fail, Dr. Dodson said. Other risks would be failure of the implants to integrate, or to have the prosthesis fit poorly. However, he said, "I think



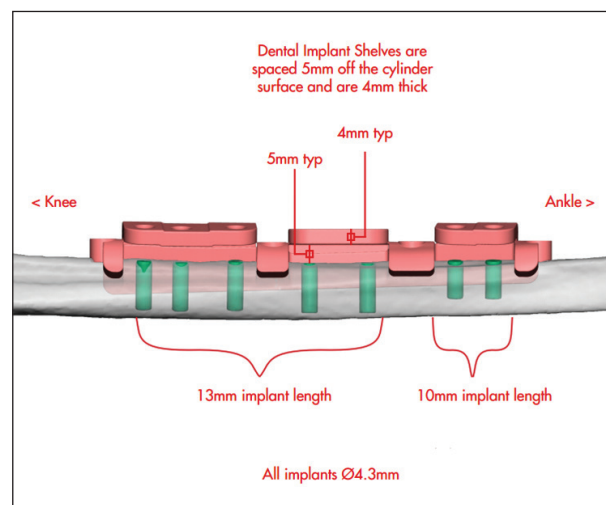
Dr. Dodson

we can recover from these risks."

With the surgery, Downs should be able to speak clearly and eat and swallow normally, with much better-fitting, more stable teeth. Dr. Dodson also said he did not expect Downs to have any impairment to his senses of smell or taste after the procedure.

"The most challenging aspect is situating the bone and securing it to the remaining maxilla without interfering with the blood supply, sealing the palate defect, and creating an adequate tunnel for the blood vessels from the [bone graft] to reach the neck," Dr. Futran said. "We are working in a tight space and it all has to fit just right to be successful."

At this writing, Downs was continuing to recover successfully. He will require monitoring and adjustment of his new teeth, or repairs if any are damaged, Dr. Rubenstein said. ■



The implants were positioned in the fibula, which was harvested in segments months later.

Dentistry research aids creation of lifesaving infant feeding cup

A global infant-health initiative, with School of Dentistry research playing a prominent role, has been hailed for its potential to save or improve the health of millions of young lives in the developing world.

Dr. Christy McKinney, who was then a member of our Department of Oral Health Sciences faculty, worked with collaborators at PATH, a global health non-profit organization, and Seattle Children's hospital to develop the Neonatal Intuitive Feeding Technology (NIFTY™) cup. The cup makes it easier to feed and prevent starvation among millions of infants in developing countries who cannot breastfeed. Some have physical anomalies such as cleft lip and palate, while others face a higher risk of starvation after being born to mothers who die of childbirth-related causes.

The low-cost, 40-ml cup has several distinct advantages:

- An extended reservoir off its lip that holds a small bowl of milk, letting the infant pace its own feeding.
- Mothers can directly express their breastmilk into the cup, reducing possible cross-contamination from other containers.
- The ergonomically designed cup is made of a durable, soft silicone material that protects the infant's mouth from injury and can be boiled for sterilization. It dries quickly and is UV-resistant as well.
- Embossed measurements help track volume and intake of milk.

Dr. McKinney worked to develop the cup with Dr. Michael Cunning-

ham, medical director of the Seattle Children's Craniofacial Center and an investigator with Seattle Children's Research Institute. They also collaborated with Patricia Coffey at PATH, a Seattle-based organization that forges partnerships to improve global health,

especially among women and children

In May, the project team announced a partnership with Laerdal Global Health, a Norwegian nonprofit manufacturer, to put the cups in the hands of hospital workers in Africa this year. The cups will cost about \$1 apiece.

After a prototype was developed, Dr. McKinney

tested it with partners at Sri Ramachandra University in South India, then used the feedback to refine the design at the PATH product development shop.

The project has received a \$250,000 award to validate the technology from Saving Lives at Birth: A Grand Challenge for Development. It

is a consortium that includes the U.S. Agency for International Development (USAID) and the Bill & Melinda Gates Foundation.

"It's incredibly gratifying to be nominated for this award that will help fund the crucial next step in our five-year journey to bring this lifesaving tool to the infants who need it," said Dr. McKinney, who is now Associate Professor of Craniofacial Medicine in UW Medicine's Department of Pediatrics, as well as Investigator at Seattle Children's Research Institute. "It's astounding that this simple feeding tool has the potential to have such a profound global impact."

Along with USAID and the Gates Foundation, other members of the Saving Lives at Birth partnership include the Norwegian government, Grand Challenges Canada, the United Kingdom's Department for International Development, and the Korea International Cooperation Agency.

In June, *The Seattle Times* editorial board proposed that the project be considered for a Nobel Prize. "The NIFTY cup is a life-sustaining invention for vulnerable newborns and desperate mothers that is the product of professional skills and experience, and deep care and concern," the newspaper wrote. ■



Dr. Christy McKinney



The NIFTY™ cup could benefit millions of infants in the developing world who cannot breastfeed.

UW, Kenya collaborate on HIV oral health project

The University of Washington has joined the University of Nairobi to combat the oral consequences of the human immunodeficiency virus (HIV) among Kenya's children.

The Children's Healthy Oral Management Project (CHOMP) is a collaboration involving the UW Department of Global Health, our School of Dentistry and the University of Nairobi. Kenya's Ministry of Health and National AIDS/STI Control Programme are other partners.

CHOMP builds on a 25-year partnership between the UW and the University of Nairobi called the Kenyan Pediatric Studies, which seeks to improve health care in Kenya and the United States. Key support for CHOMP came via a grant from the UW's Global Innovation Fund.

Along with mounting new prevention initiatives, CHOMP has begun training practitioners including pediatric dentists, community oral health officers and nurses to screen and treat children's oral manifestations related to HIV. These include oral candidiasis, herpes simplex, linear gingival erythema, and painful recurring ulcers.

CHOMP's leaders also hope to strengthen the UW-University of Nairobi research partnership and integrate oral exams into HIV treatment visits as dental staff are trained to diagnose and treat HIV-related oral diseases.

The project's leaders include Dr. Ana Lucia Seminario of our Department of Pediatric Den-

tistry faculty; Professor Arthur Musakulu Kemoli, Chair of the Department of Paediatric Dentistry and Orthodontics at the University of Nairobi; and Drs. Jennifer Slyker and Sarah Benki-Nugent of the UW Department of Global Health.

"I'm very excited," said Dr. Seminario, who traveled to Kenya in January to review recent HIV research, help train oral health professionals, and refine CHOMP's plans for 2016. "This

is the first time they've included oral health in these discussions [of Kenya's HIV challenges]."

Kenya has an HIV infection rate of about 6 percent, Professor Kemoli said, affecting 140,000 to 180,000 children up to age

1. As many as 1.1 million children have been orphaned by the deaths of their parents from HIV, which is also involved in 15 percent of deaths among children under 5, he said.

"The disease is [also] associated

with episodes of illness, fevers, diarrhea, and super-infections," Professor Kemoli said. "These factors can result in oral effects involving both hard and soft tissues."

One hopeful trend is the dramatic improvement in HIV treatment, Dr. Seminario said. "Children aren't dying from AIDS as they did in the early years when the disease appeared,

so now it's time to look at other aspects of the disease."

In particular, highly active anti-retroviral therapy (HAART), introduced in the mid-1990s, has helped reduce the rate of HIV-related oral symptoms. However, many patients still see their

oral lesions persist after HAART, Dr. Seminario said, and even the drugs themselves can produce undesirable side effects.

"As dentists, we see oral defects that make us more aware of the consequences of medications," she said, noting that the anti-retrovirals can affect infant oral health.

"The use of drugs, like antibiotics, could have effects on the development of the dental tissues," Professor Kemoli said. HIV-infected children have suffered developmental defects in tooth enamel linked to medications and/or disease, he said, also citing soft-tissue problems associated with the disease or the medications.

CHOMP's leaders believe that even a modest number of newly trained practitioners can help make significant inroads. As few as 10 can screen and treat as many as 4,000 children a year, Dr. Kemoli said. Patients can be screened in a hospital, community clinic, school, or even at home, he said. To facilitate screening, CHOMP also wants to develop a salivary HIV test for children in lieu of drawing blood, Dr. Seminario said. ■



Professor Kemoli



Dr. Seminario



In January, Dr. Ana Lucia Seminario trained clinical providers in Kenya.

Drs. McGraw and Shapiro feted

Dr. James C. McGraw (Endo '69) and Dr. Peter Shapiro (Ortho '73) were honored on April 30 at our Dean's Club dinner, held at the Hyatt Regency Hotel in Bellevue, Wash.

Dr. McGraw received the 2016 Dean's Club Honorary Lifetime Member Award and Dr. Shapiro received the 2016 Distinguished Alumnus Award in front of about 290 people, the largest crowd ever at the annual dinner. Dr. McGraw delivered an anecdote-filled acceptance speech liberally laced with humor, while Dr. Shapiro, who was unable to attend because of a long-standing out-of-town family commitment, accepted via a taped video message.

Dr. McGraw was honored for a long record of exemplary service to our School of Dentistry, including 24 years as a Department of Endodontics faculty member and nearly 20 years on the School's Admissions Committee. He has also served on the Endodontics and International DDS admissions committees, as well as the Ethics and Professionalism Committee. In addition, Dr. McGraw has been an influential advocate for inclusiveness during his long service on the Partners in Diversity Committee, which he helped found. He also has mentored numerous students and given substantial financial support to scholarships, Partners in Diversity, and the Robert J. Oswald and David L. Pitts Endowed Professorship in Endodontics, the department's first



Dr. James C. McGraw shows off his Honorary Lifetime Member Award after the dinner.

endowed professorship.

A charter member of the Dean's Club, Dr. McGraw was also honored in 2010 with the Distinguished Alumnus award for a career in dentistry that

has included the presidency of the Washington State Dental Association, American Association of Endodontists and the Seattle King County Dental Society, and the first vice presidency of the American Dental Association. He was also a founding member of the Washington State Association of Endodontists.

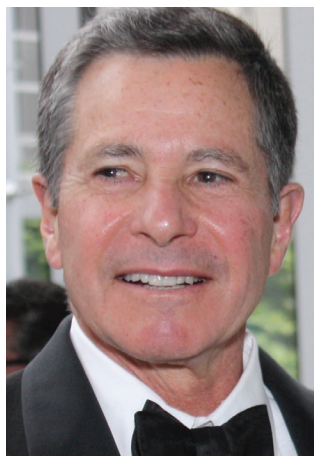
Dr. Shapiro was honored for a career that

included distinguished leadership of our Department of Orthodontics as its Chair from 1984 to 1995 after joining the faculty in 1973. His worldwide lectures with the late Dr. Vincent G. Kokich ('71, Ortho '74) profoundly

influenced the field of orthodontics and helped establish our Department of Orthodontics as a globally prominent center of clinical practice and research.

Dr. Shapiro's honors include membership in the Omicron Kappa Upsilon dental honorary society, the R.R. McIntyre Memorial Lectureship of the Canadian Foundation for the Advancement of Orthodontics, the Arthur Thornton-Taylor Memorial Lectureship of the Australian Society of Orthodontists, Fellow of the American College of Dentists, and the Dale B. Wade Award of Excellence in Orthodontics from the American Board of Orthodontics. He has also compiled

an outstanding record of support for our School that earned him the 2012 Dean's Club Honorary Lifetime Member Award and designation as a UW Benefactor. ■



Dr. Peter Shapiro



Dr. Dale Bloomquist ('69) accepts the Distinguished Alumnus Award from Dr. Carrie York ('91, GPR '92) on behalf of his close friend Dr. Shapiro, who was unable to attend.

Seattle/King clinic to be reprised

Dental volunteers are urgently needed as our School of Dentistry, alumni and dozens of health-care and community organizations gear up for a reprise of the massive Seattle/King County Clinic this fall.

The Oct. 27-30 free clinic at Seattle's KeyArena, which will provide medical, vision and dental care to thousands of area residents, will be sponsored again by Seattle Center. At this writing, only about 25 percent of the needed dental volunteers had signed up, according to



Dr. Michael Buehler ('74, left) and dental clinic co-director Dr. Jeffrey Parrish ('79) consult during the 2015 Seattle/King County Clinic.

Seattle Center Project Director Julia Colson. General dentists and specialists, dental assistants, dental hygienists and miscellaneous volunteers are all needed.

Dr. Brittany Dean ('12, GPR '13), Dr. Jeffrey Parrish ('79) and Dr. Michael Karr ('80), will serve as co-directors of the dental component. Participating dental organizations also include Washington State Dental Association, Seattle King County Dental Society, Washington Academy of General Dentistry, Washington State Dental Hygienists' Association, Patterson Dental, Washington State Society of Oral and Maxillofacial Surgeons, and Washington Dental Service Foundation. ■

SIGN UP TODAY!
To volunteer for the
2016 Seattle/King County Clinic,
please go online to
<http://volunteers.seattlecenter.org/>.

Dr. David Bales of Restorative mourned

Dr. David J. Bales ('57), who chaired our Department of Restorative Dentistry from 1983 to 1993, passed away on March 14 at the age of 83.



Dr. Bales returned to the School in 1983 from a 22-year stint in the U.S. Air Force, where his responsibilities included directing the general dentistry residency training program from 1974 to 1980.

In addition to his exemplary departmental leadership, Dr. Bales enjoyed national stature as an active researcher and contributor to textbooks and journals. He was the editor of the *Journal of Operative Dentistry* from 1986 to 1992. His outstanding record as a clinician was recognized in 1994 with the Award of Excellence from the Academy of Operative Dentistry.

At the UW, his honors included the American Student Dental Association Outstanding Faculty Award in 2000 and induction into the Omicron Kappa Upsilon honorary society in 1987. In 1992, he received our Dental Alumni Association's Distinguished Alumnus Award. He accepted emeritus standing in 2002 and took full retirement in 2008.

The family has requested that any memorials be made as a donation in his name to the UW Dental Alumni Endowed Student Scholarship Fund at https://www.washington.edu/giving/make-a-gift/?source_typ=3&source=densch. Checks may be mailed to the School at Box 357137, Seattle, WA 98195-7137, payable to UW Foundation, with "In Memory of Dr. Bales" as a memo note. ■

Dr. Myron Warnick passes away at 82

Dr. Myron E. Warnick (Grad Pros '58), a mainstay of our Restorative Dentistry faculty for more than 50 years, passed away on May 26 at the age of 82 after an extended illness. A memorial service was held on June 25 in Sammamish, Wash.



Dr. Warnick, who started as a part-time instructor teaching Operative Dentistry in 1956, joined our full-time faculty in 1958 and rose to become full Professor of Restorative Dentistry in 1975. In 1999, he received emeritus standing, and in 2008, he received the Bruce R. Rothwell Lifetime Achievement in Teaching Award, our School's highest faculty honor. Some of the teaching manuals he wrote for pre-clinical, clinical, and laboratory courses still remain in use.

Dr. Warnick, who headed the Division of Fixed Prosthodontics for more than a decade, also served as acting Chair of Restorative Dentistry in 1966-67, 1970-71 and 1977-78.

"He was a widely respected teacher who received multiple 'outstanding instructor' recognition from classes spanning 35 years, and was an active researcher. In addition, he served extensively on our School's committees and task forces during his career," Dean Joel Berg noted in a message to faculty, staff and students shortly after Dr. Warnick's passing.

Dr. Warnick, born in Canada to two schoolteachers, graduated from the University of Alberta, where he also obtained his DDS. After two years of practice in Edmonton, he moved to Seattle to join our faculty. ■

School launches diversity initiative

At our Partners in Diversity dinner in May 2015, Dean Joel Berg told the guests, “We want to create a culture that respects different backgrounds and perspectives,” and added, “I want to deliver on this in a way that’s measurable.”

Dean Berg followed up by naming a task force, chaired by Dr. Sid Gallegos ('81), to identify what everyone can do to make our School truly multicultural. Dr. Gallegos and his cohorts – Dr. Elizabeth Velan (GPR '06, Pedo '08), Dr. Rolanda Ward ('11, Oral Med '14) and Dr. Douglass Jackson of our Pediatric Dentistry faculty – buckled down to business.

Over the summer, relying on University of Washington planning resources such as the Diversity Blueprint, they drafted highly detailed recommendations to help achieve the multicultural organization goal. These focused on six areas:

- Demonstrating school-wide commitment to diversity, inclusion and climate through brave and inspirational leadership and communication to internal and external stakeholders and the community
- Attracting, retaining and graduating a diverse body of pre-doctoral, post-doctoral and graduate students
- Providing rich learning experiences both inside and outside of the classroom that adequately prepare students to be effective health-care providers and citizens in a multicultural society
- Attracting and retaining a diverse faculty and staff
- Encouraging and supporting diversity and elimination of oral health disparities in the school's research

“The ‘aha!’ moment is when we realize this is everyone’s work.”

—Dr. Douglass Jackson

portfolio

- Creating and sustaining a welcoming climate for diversity and inclusion

After an Executive Committee

review, the recommendations were rolled out at the December faculty retreat, which included a self-assessment exercise. The consensus: On a five-point scale of “pre-awareness” to “truly multicultural,” the School lies in the middle of the continuum – a “transition state.”

The diversity task force then yielded to a new Diversity Commit-



Dr. Sid Gallegos

tee, appointed by Dean Berg and our Faculty Council and charged with guiding the implementation of the recommendations. Chaired by Dr. Jackson, it includes Alex Agpalo of IT; Katryn Dela Cruz of Clinical Services; Dr. Bea Gandara of Oral Medicine and Director of Educational Partnerships and Diversity; Dr. Jim Johnson, Chair of Endodontics; Dr. Xavier Lepe of Restorative Dentistry; Kseniya Savva of the Office of Research; Sampada Deshpande of the

Class of 2018; Sara Finkleman of the Class of 2019; and, as ex-officio members, Dr. Sue Coldwell, Dr. Linda LeResche, Dr. Sara Gordon and Dr. John Sorensen, all Associate Deans.

“It’s not just about race,” Dr. Jackson says of the committee’s work. “It’s about those things that make each of us unique, the diverse perspectives and life experiences we all have, and how much better we’ll be as a School when all of our diverse insights are included in decisions about how we fulfill our mission.”

He adds, “Patient care is also a concern. We need to know more about who we’re treating, the quality of the care they’re receiving and their perceptions about the quality of the care they received. ... There’s a business case for this. People give their business to places where they see themselves represented and respected.”

“The ‘aha!’ moment is when we realize this is everyone’s work,” he says. “Every person owns a piece of this.”

There’s no hard-and-fast timeline to implement all of the diversity goals. While some can be achieved relatively quickly, some will require more plan-

ning, new partnerships and new resources. We’ll know when the School is truly multicultural, Dr. Jackson says, “because we won’t need a diversity blueprint anymore; diversity will be an integral part of every aspect of our shared work at our School.”

He doesn’t downplay the challenge. “This work may be uncomfortable at

times and include some difficult conversations and revelations,” he says. “But we’re doing this at the School to get better.” ■



Dr. Douglass Jackson



Class of 2016 marks big day

Sixty-seven members of the Class of 2016, including five students in the International DDS program, received their doctoral hoods on June 4 in Meany Hall on the University of Washington campus.

Dr. David Dean ('10, Oral Med '14) of our Department of Oral Medicine faculty

delivered the keynote remarks at the students' invitation. Class President Christine Melch also spoke, while Dean Joel Berg welcomed the students' families and friends to the Investiture of Doctoral Hoods ceremony. A reception sponsored by the Dental Alumni Association followed the program. ■



Class President Christine Melch



Dr. David Dean of Oral Medicine

Dean Joel Berg (right) and faculty welcome commencement guests.



FALL 2016

DentalAlumninews

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Third-years receive clinical coats

Sixty-six students from the Class of 2018, including eight new students in the International DDS program, formally received their clinical coats on July 23 in our School's 12th annual White Coat Ceremony in Kane Hall on the University of Washington campus. The ceremony, which is sponsored by our Dental Alumni Association, signifies the students' ascension to the role of clinical provider.

Dr. Dolphine Oda, whose second-year course in oral pathology is often cited by students as the class they

Jessica Wieker gets a hand with her clinical coat from Dr. Glen Johnson ('78).



Dr. Dolphine Oda addresses the students.

enjoy the most, addressed the students at their invitation before the students took a pledge of excellence. The pledge includes commitments to conduct themselves with integrity; to demonstrate compassion and empathy for patients and colleagues; to aspire to leadership; and to maintain a high level of competence.

Students in the International DDS program are licensed dentists from other countries who come to the UW to complete the last two years of the dental curriculum, with a goal of gaining U.S. licensure. ■

Paul Krzeszowski, with assistance from Dr. John Wataha, puts on his clinical coat.



Third-year students enjoy the moment after donning their clinical coats.



New luncheon highlights scholarships

Scholarship donors and recipients enjoyed a chance to get better acquainted on June 3 at a new scholarship luncheon in South Campus Center that preceded our School's annual Honors and Awards ceremony.

Hosted by Dean Joel Berg, the event was created this year to allow donors to get a better sense of their gifts' impact on our students.

"As you know, we're implementing a very ambitious new curriculum at our School," he told the luncheon guests. "Our students, faculty and staff are doing a terrific job, but it's donors and supporters like you who really help make it all possible." Donors' generosity has supported 70 scholarships this year, he noted.

The gifts are divided into four categories:

- Memorial scholarships funded by family and friends
- Scholarships from organizations and corporations
- Scholarships from faculty, staff and students
- Scholarships from alumni

Second-year student Kathie Wang, whose awards included the Washington State Dental Association Presidential Scholarship, also delivered heartfelt remarks on how her scholarships have benefited her. ■



The Permanente Dental Associates Recognition Award: Felix Lee (second from left), Grace Brown (second from right) and Dr. John Snyder of Permanente (right) with recipients (from left) Brendan Lopez, Brad Cox, Nguyen Nguyen and Casey Jacobsen



The Doris J. Stiefel Endowed Fund award: recipients Ashland Doomes (left) and Colleen Hennessey (second from right) with Dr. Kimberly Espinoza of DECOD and Dr. Doris Stiefel ('54, right)



The Burkhardt Dental Supply Scholarship: Lori Isbell (left) and Jerry Ritsema (right) of Burkhardt with recipients (from left) Ruben Reyes, Daniel Estrada, Jose Mendoza and Beau Bent



The Washington Dental Service Foundation Dr. Burton H. Goodman Presidential Scholarship: Brad Berg of Delta Dental of Washington (left) with recipient Ruben Reyes



Washington State Dental Association Presidential Scholarship: Dr. Bryan Edgar ('76, center) flanked by recipients (from left) Arley Medrano, Melissa Wilcox, Kathie Wang and Emily Yezpe

Dr. Van Ramos Jr. to lead Grad Pros

Dr. Van Ramos Jr. of the U.S. Army Dental Corps has been selected director of the Graduate Prosthodontics program at our School of Dentistry after a nationwide search, Dean Joel Berg has announced.

Dr. Ramos most recently has been program director for the U.S. Army Prosthodontic Residency at Fort Gordon, Ga. He also has been Prosthodontic Consultant to the U.S. Army Surgeon General. He will begin his duties on Dec. 1, taking over from Dr. Hai Zhang, who has been interim director with the assistance of Dr. John Townsend since 2013.

"I consider this a real coup for our Graduate Prosthodontics program," Dean Berg said. "Dr. Ramos enjoys a stellar reputation in the prosthodontics community, and our search showed him to be a clear standout."

Dean Berg noted that Dr. Ramos was honored last October with the Maj. Gen. Bill B. Lefler Federal Services Award by the American College of Prosthodontists (ACP) at the organization's annual session. The award recognizes excellence in leadership, patient care, mentorship and service to the community by ACP members serving in the U.S. military, the Public Health Service, or the Veterans Administration.

"Dr. Ramos brings a very impressive set of skills to the UW and our Graduate Prosthodontics program," said Dr. Daniel Chan, Chair of Restorative Dentistry. "I am greatly looking forward to working with him."

The three-year residency program, which is closely integrated with the Department of Periodontics, includes instruction in fixed prosthodontics, removable prosthodontics, implant prosthodontics, and



Dr. Van Ramos Jr.

maxillofacial prosthetics.

Dr. Ramos received his DDS degree from the University of Texas Dental Branch at Houston in 1985 and his certificate in the Advanced

Education Program in Prosthodontics from Walter Reed Army Medical Center in 1994. He is a Diplomate of The American Board of Prosthodontics and a Fellow in the American College of Prosthodontists and the International College of Dentists. Dr. Ramos, who lectures nationally and internationally on esthetics and implant dentistry, is also a member of the American Academy of Fixed Prosthodontics and the American Dental Association.

"I'm very excited about becoming a part of a very prestigious university," Dr. Ramos said. "The University of Washington Prosthodontic Residency has long been one of the top programs in the country."

"I want to thank Dr. Jeffrey Rubenstein, who led our search committee, which spent a great deal of time and energy on this critical effort," Dean Berg said. "Their work has clearly paid off with an outstanding selection." ■

Alums enjoy wine tasting



Alumni from the Classes of 2000-2015 and their spouses and friends joined Dean Joel Berg for wine tasting and socializing on March 5 at The Landing near University Village. Vin Wine & Events supplied the fine wines for an enjoyable evening sponsored by our UW Dental Alumni Association, Constantine Builders and Homestreet Bank. Gathered here are (from left) Tin Trinh, Dr. Katherine Taylor ('12), Dr. Brittany Dean ('12), Dr. Alice Nunes ('12), Dr. Amy Winter ('12) and Santtu Winter.

Dr. Espinoza receives first fellowship from teaching excellence endowment

Dr. Kimberly Espinoza, director of our School of Dentistry's special-needs clinical program, has received the first fellowship from a new endowment to promote excellence in teaching at the School.

Dr. Espinoza received the yearlong fellowship from the 2016-2017 Kokich Mathews Spear Endowed Fund for Academic Leadership in Dentistry, which supports a personalized master class in the art and science of effective presentation. The fellowship, which includes a \$3,000 stipend, was created by a major endowment established in 2009 by three prominent alumni.

Drs. Vincent G. Kokich ('71, Ortho '74), David P. Mathews (Perio '74) and Frank M. Spear ('79) lectured together for more than 25 years as leading proponents of interdisciplinary dentistry. In 2009, the three dedicated one of their final joint appearances to raising funds for the endowment, and also made substantial individual gifts to it. Dr. Kokich passed away in 2013.

"I am excited to be selected for many reasons," said Dr. Espinoza, who has directed Dental Education in Care of Persons With Disabilities (DECOD) since 2014. She has also chaired the Special Care Dentistry Association's Council of Dentistry for People with Disabilities.

"I am particularly interested in different ways to engage students in a large classroom setting. I've spent the last year in the University of Washington Teaching Scholars Program focusing on curriculum development and educational scholarship, and am

excited to expand on this by developing my presentation skills and delivery of content to students," she said.

Dr. Espinoza, of our Oral Medicine faculty, was chosen from a field of applicants by a selection committee organized by Dr. Linda LeResche, Associate Dean for Research.

As they built international reputations as dental educators, Drs. Kokich, Mathews and Spear learned what would best help

students – evidence-based instruction, strong communication and presentation skills, open-minded inquiry, and techniques to create a dynamic and nurturing environment.

"We've seen what doesn't work in teaching, and have been able to use that to teach people," Dr. Kokich said in 2009. "I

never had the opportunity as a faculty member, if I wanted to improve my

teaching skills, to be guided by people who do this for a living."

Dr. Espinoza will work with Mary Kokich Boer, Dr. Kokich's daughter, who is a faculty member in the School of Education at the University of Puget Sound in Tacoma, Wash. Kokich, who holds a master's degree in

teaching and is a nationally board-certified teacher, also worked for 13 years as a public school teacher and lectured individually and with her father on topics related to effective teaching and engaging audiences.

At the end of her fellowship year in the fall of 2017, Dr. Espinoza will

join Drs. Spear and Mathews to present a special lecture at the School.

"Dr. Espinoza has already helped DECOD make significant strides, and with this additional training, I believe she will take this legacy program to even greater heights," Dean Joel Berg said.

"I'd also like to convey my deep appreciation for the endowment to Dr. Mathews and Dr. Spear and to the family of Dr. Kokich. This is a truly meaningful gesture of support for our faculty that will bear tremendous dividends in the years to come." ■



Mary Kokich Boer



Dr. Kimberly Espinoza



Dr. David Mathews (left), Dr. Frank Spear (center) and Dr. Vincent Kokich, shown at the School of Dentistry's annual Dean's Club dinner in April 2012, sought to promote excellence in teaching at the School.

Special care enriches GPR program

In 2015, our School's General Practice Residency (GPR) program began partnering with the Dental Education in the Care of Persons with Disabilities (DECOD) program to offer a yearlong experience in special care dentistry for GPR residents in their second year of postgraduate education (PGY2). This PGY2 emphasis is designed to educate future practitioners in special care dentistry, which covers patients with disabilities, medically complex patients, and geriatric dentistry.

Dr. Kimberly Espinoza, the DECOD Program Director, wishes something like this had been available during her own residency in New Mexico. "I feel my residency gave me a good start, but I wanted something more in-depth, a comprehensive educational background in how to care for patients with a wide variety of developmental disabilities," she said.

Dr. Robert Neiman ('79), GPR Director, views the collaboration with DECOD as "an incredibly unique resident learning opportunity. This custom-made GPR second year builds on the principles learned as a PGY1 resident, by offering an intensive, fully immersive experience in all aspects of special care dentistry."

Most of the PGY2 residents' time focuses on the care of patients with developmental and acquired disabilities. Through didactic training and clinical care, they develop an understanding of the conditions which commonly lead to disability, including intellectual disability, cerebral palsy,

autism, traumatic brain injury and multiple sclerosis.

Clinical care takes place primarily with the DECOD Clinic, which includes care for patients with developmental and acquired disabilities. There, the PGY2 resident gains experience in facilitation techniques, including behavioral supports, physical holding, and minimal oral sedation. The resident also participates in medically complex inpatient and operating room rotations through the UW Medical Center.

Complex Clinic with Dr. Elizabeth Palmer.

Finally, rotating through DECOD's clinics at senior living facilities lets PGY2 residents care for aging patients, many of whom experience declining memory or may not have English as their primary language. PGY2 training also includes the Leadership and Education in Neurodevelopmental and Related Disabilities Fellowship Program. Here, residents work with develop-

mental pediatricians, psychologists, a speech language pathologist, dietitians, and many other specialists. Residents not only begin to learn how developmental disabilities are diagnosed and treated but help to integrate oral health into the equation.

Dr. Ashland Doomes, the first graduate of GPR with Special Needs emphasis, said, "Dr. Neiman and Dr. Espinoza have been truly amazing and nothing but helpful. Whenever I had an interest they went above and beyond to make sure all

aspects of special needs clinical dentistry were addressed in my residency." After completing the program in June, she joined our faculty to continue working in the DECOD Clinic and teach special care dentistry.

Current PGY2 resident Dr. Keturah Lowe said: "To be able to provide safe and efficient dental care in a clinical setting for patients that would otherwise have treatment needs delayed several years allows me to leave work with a sense of fulfillment, a sense that I am able to provide the care that I was trained to provide." ■



Dr. Kimberly Espinoza, DECOD Director, confers with second-year GPR resident Dr. Keturah Lowe (left).

Operating room dentistry through the GPR program lets the PGY2 provide care to patients even when all other clinical facilitation techniques are unsuccessful or inappropriate. Dr. Ryan O'Connor ('09), a faculty member with the GPR Program, oversees this rotation.

For the medically complex inpatient rotation, many patients are too ill to leave the hospital and require dental treatment prior to receiving vital medical care. PGY2 residents also work with children at the UW Center for Pediatric Dentistry Medically

Pre-doctoral rotations expanded

On June 27, our School took another big step forward in expanding its clinical footprint in Washington state and Montana with the launch of a new series of five-week service learning rotations for fourth-year students.

For decades, a few pre-doctoral students have ventured off campus during the summer after first year for four-week rotations in the Rural and Underserved Opportunities Program (RUOP). However, since they are not yet clinicians, their activity is limited to assisting or observing at the community clinic sites.

When our Regional Initiatives in Dental Education (RIDE) program began in 2008, students not only served on a RUOP rotation, but in their fourth year, they fanned out to Eastern Washington community clinics as clinicians on rotations lasting fourth to five months.

Two things helped trigger the creation of the new service learning rotations, said Dr. Frank Roberts, RIDE's director. In 2012, the Committee on Dental Accreditation (CODA) advocated making such rotations available to all students, not just those in programs such as RIDE. The thinking, he said, was that students need exposure to diverse populations to increase cultural competency, a key CODA goal.

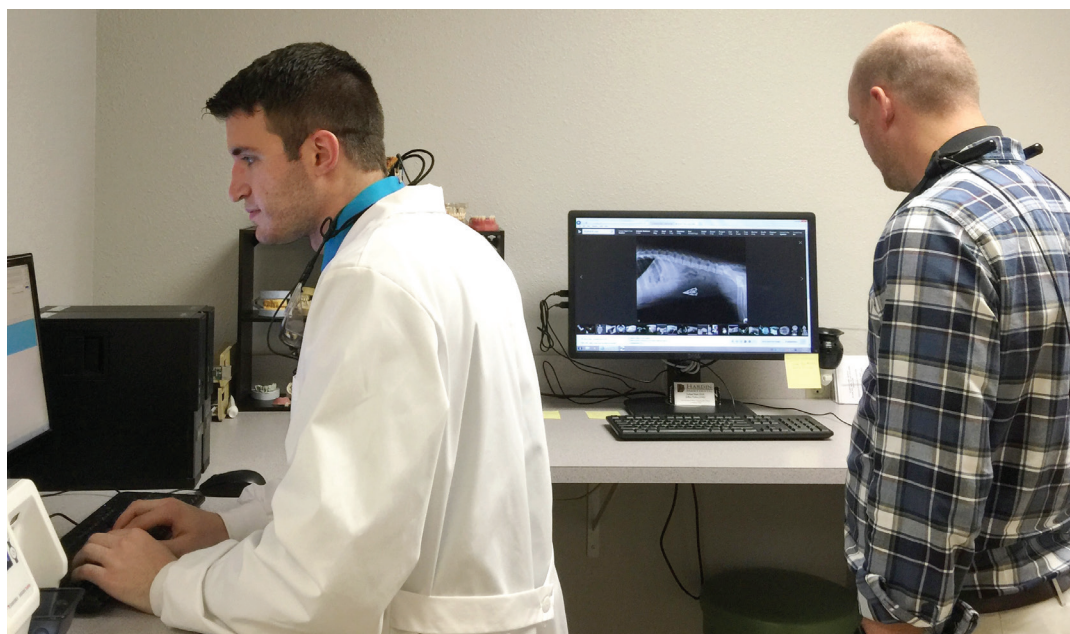
The major overhaul of our School's curriculum has also played a significant role, with a discrete rotation opportunity placed in the fourth year and extended to all non-RIDE students, including those in our International DDS program. The rotations use a two-person team approach to maintain patient coverage at our School, so that one member hands off patient care to the other when departing. Eight or nine students go out at a time.

"The program is going well," said Dr. Rachel Greene, RIDE's regional clinical director in Western Washington and director of the new rotations, as she prepared to send out the second wave of students in midsummer. "We've had good feedback from students at community sites, and the preceptors have had glowing reviews of student performance."

"Students love it, the clinical sites love it, and a lot more patients get treated," Dr. Roberts said.

for treatment," Dr. Roberts said.

The remote sites have a lot of patients with severe dental disease, he said. Many are on Medicaid, and one rotation goal is to make students more comfortable treating them. Students have a chance to treat more Class 2 lesions, which especially helps their preparation for the WREBs, he said. They gain additional skill in all disciplines, including operative dentistry, oral surgery, urgent care, pediatric dentistry, and periodontics.



Fourth-year student Kalob Lesh (left) with Dr. Jeff Tulett, one of his preceptors at the Hardin Family Dental clinic in Hardin, Mont.

The rotations take place at community health centers in Chehalis, Tacoma, Monroe, Seattle and Shoreline, at one center in Montana along with a rural private practice, one Indian health clinic in Eastern Washington and one tribal clinic in Eastern Washington. Most of the sites are new partners with our School, and all of them need more dental providers, Dr. Greene said.

"We looked for high-quality sites that needed more capacity, and the students can help reduce wait times

It's not quite as intensive as the RIDE rotations, which have all that plus endodontics and removable and fixed prosthodontics – but it's close.

"We've gotten a lot of best practices from RIDE," Dr. Roberts said.

Students have really had their eyes opened by the community health center experience, which may well influence their choice of practice after graduation, said RIDE administrator Jennifer Scott: "Some of them never would have considered community health before." ■

Project Access improves lives, one smile at a time

Thanks to a collaboration by our School with Seattle King County Dental Society and Project Access Northwest, more than 50 patients have received free dentures here during the last two years.

The denture project began in mid-2014 as an SKCDS Access Committee initiative, made possible by a major grant covering three years of funding by the Pacific Hospital Preservation & Development Authority, a Seattle organization that champions effective health care for the vulnerable and disadvantaged.



Project Access patient Ailene Kennedy shows off her new smile with her student provider, Levi Reynolds of the Class of 2017.

Patients are referred to Project Access Northwest by Swedish Hospital's Community Specialty Clinic (SCSC) or by one of King County's five community health centers with dental programs. If extractions are needed, they are done at SCSC before referral to our School, where they are treated by pre-doctoral students under Dr. Sami Dogan's direction. At this writing, 53 patients had received full or partial dentures, with 25 more cases under way.

Project Access Northwest, a Seattle-based non-profit formed in 2006 to improve access to specialty health care for low-income and uninsured patients, contacts patients to explain the program and vets them for income and residency requirements.

The response by patients has been enthusiastic. A sampling of comments:

"I love my dentures; they are better than I ever imagined."

"I want to give the highest rating I can give for my dentures."

"I really liked the way the students and faculty worked well together. They have changed my life."

"A well-fitted set of dentures can make a remarkable difference in the quality of life," Dean Joel Berg said. "With our School's mission to serve people in need, this is an excellent partnership for us, and we're delighted to work with Project Access Northwest and Seattle King County Dental Society to make this kind of meaningful difference in the community." ■

Practice Opportunities can help you!

Need an associate? Selling your practice? Looking for a dentist to cover your office while you're taking an extended leave? Our School of Dentistry's free Practice Opportunities program can help.

We email practice opportunities like these to our fourth-year students and recent graduates. Just email Randy Newquist, our Director of UW Dental Alumni, at randyn@uw.edu with the details. Be sure to include the amount of experience needed, contact information, the practice location, and other pertinent information. If you have any questions, email Randy or call him at 206-616-0716.

Practice Opportunities has helped place numerous associates in our alumni's practices. Let us help you, too – it's fast and it's free!

Help our students with skull supplies!

Thanks to our newest donors who have sent human skulls to Dr. Sue Herring of Oral Health Sciences for instructional use at our School of Dentistry! Since our last issue, Drs. Michael Gage ('73) and Tommy Fong (via the Seattle King County Dental Society) have donated them.

Dr. Herring, who also teaches in 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 have been in especially high demand with the advent of our School's new curriculum, Dr. Herring has noted. Moreover, the School's collection of skulls is aging, and skulls have grown prohibitively expensive in a time of shrinking budgets.

Dr. Herring noted that decades ago, dental students often bought skulls, and those would be prime candidates for donation if they're no longer in use. She also said that the newly donated skulls are almost always in better condition than the rest of the collection.

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

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



DR. JOANA CUNHA-CRUZ

Oral Health Sciences

A dentist who's making a difference

A long time ago, Dr. Joana Cunha-Cruz of our Department of Oral Health Sciences settled on her life's ambition: "I always wanted to change the world."

That's quite an ambitious goal, but she has already started changing the lives of many patients in her efforts to address oral health disparities.

Dr. Cunha-Cruz's latest work has taken her to the 49th state, where she is directing a project called Oral Health Equity for Alaska (OHEAL). Funded with a five-year grant from the National Institute of Dental and Craniofacial Research, OHEAL seeks to maximize the use of the state's relatively scarce dental provider resources, including midlevel providers, to improve the oral health of Alaska's children. It's better than it used to be, but it still poses a significant challenge.

"Dental disease is still rampant among Alaskan children," she says, pointing to several factors: poor diet, lack of good oral hygiene, and insufficient use of fluoride toothpaste. But there's been a continuum of progress, she says.

OHEAL will work with the Southeast Alaska Regional Health Consortium (SEARHC), which has hired dental health aide therapists (DHATs) since they were introduced in Alaska three decades ago. "SEARHC is amazing," Dr. Cunha-Cruz says. "The resources they put into oral health are huge."

"As the SEARHC dental director told me, 30 years ago you'd see a lot of 'black mouths,' full of rotting teeth. As time went on, you'd see less of that as more people had access to care, and instead you'd see missing teeth from extractions. Later on, you saw more fillings – evidence of restorative treatment. So the next big step in this [progression] is prevention," she says.

The question, she says, is how to make optimum use of all providers and improve the teamwork among health aides, DHATs, pediatric dentists and general dentists to make an impact on the oral health of Alaska Native peoples. "Maybe what they need is not more training, but rather some coaching," she says.

It's especially important in Alaska, given the large Native population, to provide culturally appropriate care and fully involve local communities. To this end, OHEAL is asking community leaders and patients how better use can be made of community health resources. Dr. Cunha-Cruz was sched-

uled to spend two weeks at the end of August in small villages, conducting interviews with providers and tribal leaders and focus groups with caregivers of children and adolescents.

Where previous initiatives focused on a single level of intervention, she says, OHEAL is multilevel and complex in its approach. It is designed to be culturally competent and evidence-based, with timely monitoring and evaluation to improve oral health and reduce disparities.

Another key component is the research team, which along with researchers includes indigenous health scholar and practitioners, she says.

Dr. Cunha-Cruz received her dental degree in Brazil, along with a master's and PhD in public health with a focus on epidemiology. Born in Rio de Janeiro, she was raised in Recife in northeastern Brazil. While her family had no dentists, it included teachers and public health workers and a high level of social awareness. That helped instill in her a powerful sense of social justice and also influenced her career plans.

Her PhD mentor pointed her to the UW, where our Dr. Philippe Hujoel invited her to pursue studies and work with him on research into the adverse effects of orthodontic treatment and other themes. After completing her thesis defense in Brazil, she returned here in 2004 as a research scientist. She worked further with Dr. Hujoel and others, including Northwest PRECEDENT studies with Dr. Greg Huang (third-molar extraction) and Dean Joel Berg (caries salivary markers) and implementation studies with Dr. Peter Milgrom (Population-Centered Risk- and Evidence-based Dental Interprofessional Care Team, or PREDICT).

"The School of Dentistry's research has a strong tradition," she says. "There are so many people doing [research] here, more than at any other school I know of."

Dr. Cunha-Cruz also enjoys wide respect among her colleagues, such as her department chair, Dr. Doug Ramsay. "She's an outstanding faculty member, and an active scholar with a strong record of publication and federally funded research. In addition, she plays an important role in the School's curriculum, especially in the areas of critical thinking and evidence-based dentistry," he says.

"Dr. Cunha-Cruz's work is an important part of our efforts to improve oral health both here and around the world," adds Dean Berg. "She's one of the reasons why our School enjoys such an outstanding global reputation." ■



BY STEVE STEINBERG

DENTAL ALUMNI NEWS EDITOR

The A Team

Our indispensable, incomparable affiliate faculty

On this sunny summer day in the D-2 clinic, a third-year student who is just a few days into her Operative Dentistry clerkship is applying glass ionomer to a patient's premolar.

Dr. Philip Anderson ('72), her instructor, is watching carefully. As she puts the finishing touches on the application, he

leans in and tells her: "This is where you want your assistant to come in, like this." He demonstrates with a quick, precise sweep of his hands. "It'll make this faster and much more efficient."

That's the voice of experience – decades of it – delivering a real-world lesson in four-handed dentistry. And it helps show why affiliate faculty members play such a vital role at our School of Dentistry.

For virtually all of our School's history, affiliate faculty members have been an essential part of the clinical teaching mission. Serving a half-day or more each week in our pre-doctoral and graduate programs, they're a faculty force multiplier whose work has grown only more important in an era of declining state support.

In our Department of Restorative Dentistry alone, affiliate faculty members worked more than 1,200 half-day sessions from last fall through this spring. If our School suddenly had to replace all affiliate faculty with regular full-time and part-time faculty, we might well be looking at six-figure annual tuition.

Yet these dentists, more than 600 of them at last count, take time away from busy practices or retirement fun and games to work with our students – all for about \$13 to \$25 per half-day session. That just about covers parking and lunch ... as long as your tastes don't run far beyond a vending-machine granola bar.

"Affiliate faculty are an ideal and necessary ingredient to a modern dental education. They are critical to the smooth operation of this and every dental school," says Dr. Sara Gordon, our Associate Dean for Academic Affairs. "Most importantly, students love to interact with affiliates, who bring the real world



Dr. Amanda McCauley and Cameron Alexander ('16)

into the dental school experience.”

Like so many other students, Renelle Conner of the Class of 2017 heartily seconds that notion. The Air Force veteran and RIDE student also describes the powerful influence that affiliate faculty members exert on their students, recalling a day in clinic near the end of third year with Restorative affiliate Dr. James Newman Jr.

“He made a comment that was so simple yet so profound,” she says. “He stated, ‘It is important to make the patient feel like there is no place I would rather be than attending to their health care needs.’ This value strikes a chord within me, as it reflects my own values, and the values of many veterans: service before self.”

A TWO-WAY STREET

“Full-time faculty also love to work with their peers on the outside; it keeps us in touch with the business of full-time dental practice,” Dr. Gordon says. “But it’s a two-way street. I was an affiliate faculty member at my alma mater, Dalhousie [University in Nova Scotia], for nearly a decade when I had a full-time general practice. It was my favorite day of the week.

“It kept my memory fresh about the lessons I had learned in dental school. It kept my knowledge up to date. I also really enjoyed meeting and interacting with the dental students, as well as seeing colleagues. My sister was also an affiliate for well over 20 years, and she likewise enjoyed the day away from her huge general practice, and she also found that it kept her abreast of new concepts in dentistry.”

“Our students do get that voice of experience from our regular faculty as well, since many of them also practice, in some cases for many years. But having that kind of input from so many other teachers on our affiliate faculty is a tremendous benefit,” Dean Joel Berg says. “You can’t have too much practical wisdom.”

Beyond teaching the nuts and bolts of dentistry, affiliates add another critically important dimension, Dr. Gordon says.

“Affiliate faculty can and do share with the students the ethical and legal dilemmas that present every week in practice, and their wisdom can keep the students out of the weeds,” she says. During the summer, she notes, a group of affiliates conducts regular ethics seminars with the rising fourth-year students. Led by Dr. Rod Wentworth (’81), the group also includes Drs. Bob Allen (’66), Randy Ogata, C.R. Anderegg, Steve Albright, Scott Peck, Vic Barry and Larry Kuhl. Dr. Barry Feder, who has served previously, is expected to rejoin the group later in the

“Students love to interact with affiliates, who bring the real world into the dental school experience.”

—Dr. Sara Gordon,
Associate Dean for Academic Affairs

year after fulfilling other commitments.

“It would be hard to imagine a more compelling way for the students to get a sense of the ethical and legal challenges of real-life dental practice,” Dr. Gordon says.

With the implementation of a new curriculum, our students are also receiving far more extensive exposure to practice management, and that’s where affiliates can be especially helpful.

“Our first-year students have been loving our new Tuesday morning course, Conversations On Dental Practice (a.k.a. Tuesday Morning Live), led by Dean Berg, in which a series of outside speakers including affiliates talk informally with the class about practice management issues,

Dr. Seungbum Lee (Grad Pros ’05) and Justin Erickson (’16)



The ATeam

including dental insurance, financial planning, and so on,” Dr. Gordon says. “This course has expanded to include both first- and second-year classes this year, and it has been a huge success.”

As she observes, it’s not just the students who benefit from this relationship. Affiliates say that it is indeed a two-way street.

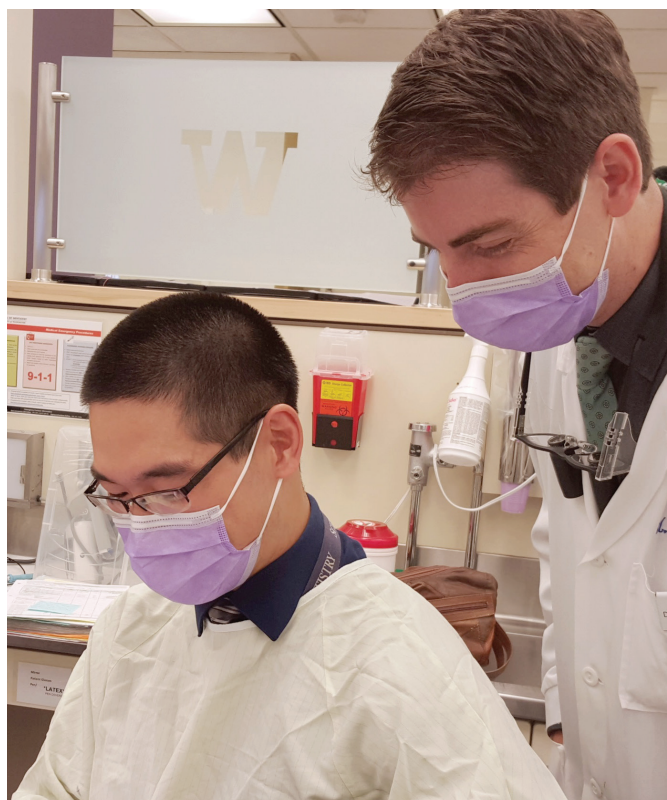
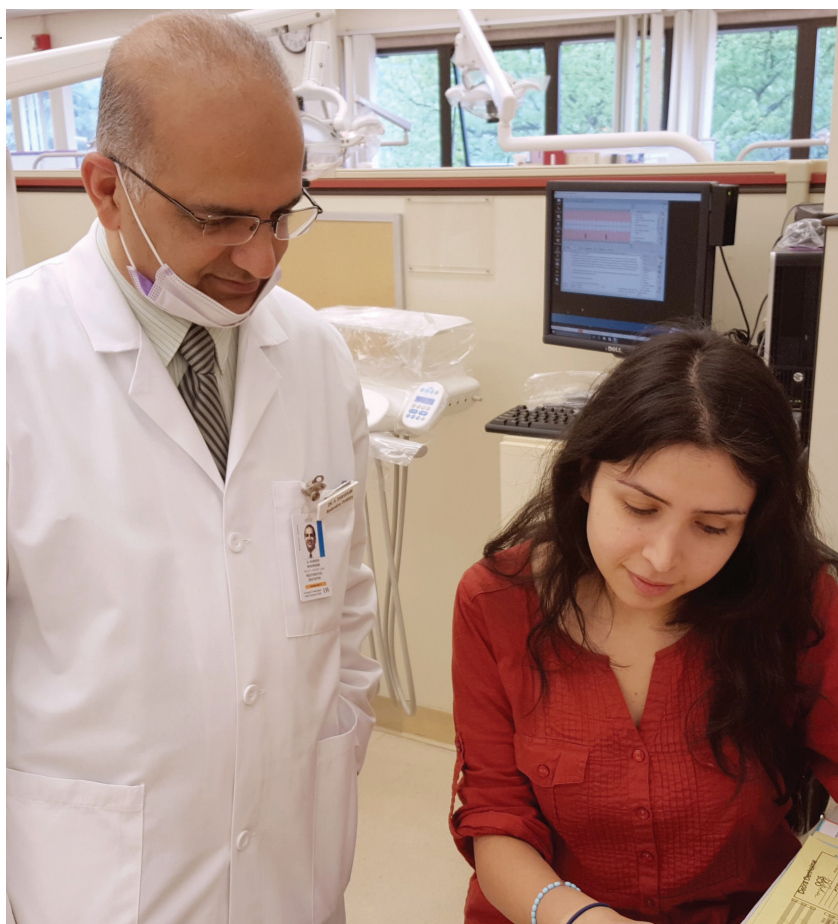
‘LOVE THAT ENERGY’

“I love that energy from the students – it’s almost like ‘Teach me more!’” says Dr. Anderson, who has been teaching for nearly a decade after his neighbor, Dr. Glen Anderson of the regular Restorative faculty, recruited him at a Christmas party. “It forces me to keep on my toes, to read the journals. Sometimes I’ll go into the library on lunch hour to read up.”

Dr. Anderson, who was honored last year with one of the first two Hungate Awards for affiliate faculty excellence, says, “I remember as a student how much we loved being with affiliate faculty, because they taught you about the real world.”

He tells students, “This is what works for me. You have to expose yourself to all these people teaching you, take it all in hand, then see what works for you.” He adds: “It’s all about science- and evidence-based instruction. You’re learning from someone who’s been doing this for 20 or 30 years.”

Dr. A. Hossein Shahrabi and Nazanin Nehchiri ('16)



Dr. Jansen Richins and Jimmy Zhu ('16)

Dr. Anderson retired from his private practice of three decades in 2005. Like many other affiliates, he chose to use the time he gained not in simple relaxation and recreation, but in continued service. He teaches in Restorative Dentistry one full day a week and substitutes when needed, and also serves on our School’s Admissions Committee. He goes on humanitarian trips abroad, having visited Nicaragua, Cambodia, Laos, Saint Lucia and Romania, and he volunteers in Seattle at the Union Gospel Mission and the 45th Street Clinic.

“You can’t just take,” he says. “You’ve got to give back.” What he gives to our students, he feels, is returned in kind: “The students who really want to get everything out of you – they’re the ones who inspire you as a teacher.”

Having spent 43 years as an affiliate, Dr. Ernest Barrett ('69) can recall a bounty of such inspiration. “The best teaching moment is when situations occur that you know will happen once or twice a year in the student’s clinical life, and you show them how to solve it. Then, later, after graduation and in private practice, they come up to you and say, ‘Remember that situation that you showed me in school? Well, it happened again and I remembered what you showed me, and I got through it.’ Their remembering it demonstrates to me that I actually taught them something. That’s very rewarding, because that’s why I’m here.”

Dr. Ya-Pei Holden Chang ('96), a Restorative affiliate for 20 years, says, “It’s a great honor to be given the opportunity to teach and keep learning, especially from one of the top dental schools in the country.”

She adds: “Through teaching, I am motivated to learn new things continuously. To be able to pass on practical personal experience to students and watch their eyes light up with appreciation is one of the most wonderful feelings in life.”



Dr. Cindy Folsom ('80) and Mahfuz Rahman ('16)

In particular, she cherishes the memory of a card she received from a student in 2010. It read: “Thank you so much for all of your help this quarter in restorative clinic. I appreciate your instruction of ideal preparation design, and interpretation of radiographic vs. clinical signs of possible pathology, in the process of making a diagnosis and treatment planning. I am grateful for your feedback and guidance, as well as attention to detail. This has been a great learning experience!”

CALIBRATION CHALLENGE

While the plethora of affiliate faculty voices enriches the student experience, it also poses a special challenge: calibration. Teachers can impart different approaches, but when it comes to grading and clinical procedures, everyone ultimately needs to be on the same page. Dr. Gordon elaborates:

“Calibration of grading means that all faculty members would ideally apply grading guidelines in a uniform manner, every day, in every clinical situation, to every student. Clearly defined grading rubrics that describe excellent, acceptable, and unacceptable achievement can go a long way to ensure calibration of grading. This was already good at the School of Dentistry, but it has become even better in the past year. The clinical instructors, especially the clerkship directors, have worked hard this year to develop daily grading forms in axiUm that are easy to use and explicit. We’ve also developed and refined a new series of Competency Assessment forms that unambiguously describe competent performance.

“Secondly, calibration of clinical procedures is important so that all clinical instructors guide the students in treating their patients in an optimal manner that has been agreed upon by our expert faculty members and is supported by scientific evidence.

“Many procedures change over time; new technologies

come along and new dental materials are developed. Evidence can show that there are better ways to provide patient care. This is one of the gems of being an affiliate faculty member. Every week in clinic is like a free continuing-education course. However, this keeps the departments on their toes to ensure that they, and their affiliates, agree about how things are done.

“There are often alternate approaches to patient care. Sometimes they all get equal clinical results, but often each has its pros and cons. Young dentists face these difficult dilemmas immediately when they graduate, and it is preferable for them to have already learned and practiced sound decision-making skills.

“I love that energy from the students – it’s almost like ‘Teach me more!’ ”

—Dr. Philip Anderson ('72)

“Affiliate dentists who offer alternate approaches can bring this to life for our students, especially the senior students. Of course, this is tied to the whole issue of clinical calibration. The students can learn how to approach these decisions while they are still within the safety of the dental school.”

Despite the rewards of affiliate teaching, applicants often feel that the paperwork can be burdensome. Dean Berg ac-

Dr. Ya-Pei Holden Chang and Vivian Lee ('16)



The A Team

knowledges this, saying, “We’re trying to streamline the process as much as possible, and we’ve designated Christina Wee as our go-to staff person to help facilitate applications and answer questions. At the end of the day, though, this represents a chance to give something meaningful back to your profession by taking a hand in shaping its future. I’d hope this would outweigh any concerns about paperwork.”

Dr. Cindy Folsom (’80), who retired after 36 years in practice and joined the affiliate faculty this spring, puts it in perspective. She says: “It is a bit of a lengthy process to be accepted as affiliate faculty, obtaining letters of recommendation, going through immunizations and health clearance, background checks, taking online education modules. ... But in the end, I am excited to meet with students every week. I love sharing with the students not only pearls and ‘technique tricks’ that I have picked up over the decades, but also business and insurance perspectives in clinical care. I talk about the psychological aspect of patient care, as well as the importance of complete documentation.”

Dr. Jansen Richins, a Perio affiliate since 2011, sums it up: “I’ve always enjoyed teaching and the camaraderie that comes with it. Being a member of the affiliate faculty was a way to stay connected with a first-rate dental school and give back to a profession that has given me so much.” ■

Come join us!

If you’re a Washington licensed dentist who’d like to devote a half-day a week or more as a member of our affiliate faculty, please contact Christina Wee in our Dean’s Office (cwee@uw.edu). Join us and help shape the future of dental education at one of the world’s leading dental schools!

Dr. McHugh, Dr. Audia earn Hungate teaching honors

Dr. Bill McHugh (’73) and Dr. Franco Audia have been named recipients of the second round of Hungate Awards for Teaching Excellence, which honor the efforts of affiliate faculty. Dr. McHugh has been honored with the Hungate Lifetime Award for Teaching Excellence, while Dr. Audia is receiving the Hungate Award for Teaching Excellence.



Dr. Bill McHugh

The awards were presented at a School of Dentistry faculty retreat on Aug. 29.

First bestowed at the end of 2014, the awards are dedicated to the memory of Dr. William P. “Mitch” Hungate (’78), a beloved affiliate faculty member for 33 years and an avid outdoorsman and triathlete who died in an avalanche in the Cascades in 2013. They were created with the aid of donations by friends, family and colleagues.

Dr. McHugh, a frequent “favorite teacher” selection by students over the years, retired in July 2015 after 20 years as a Restorative affiliate faculty member.

“As an instructor on the clinic floor, he receives praise not only from students but from staff and especially other faculty,” wrote Dr. David Ludwig, president of the Class of 2015, in his nomination on behalf of his class. “He is, without exception, a motivating and encouraging force for all students, pushing students to take a clinical weakness and develop future strengths, while fostering existing talents. A personable faculty [member], Dr. McHugh learns the interests of his students outside of dentistry so that he may connect on a greater level, ultimately strengthening his effectiveness as an educator and mentor.”

For years, Dr. McHugh was the go-to person in a pinch when clinic coverage was needed, said Betty Low, our longtime Restorative department administrator. He regularly covered two days or more as a volunteer and also helped teach two pre-clinical courses in fixed prosthodontics and implants.

“He truly loved teaching our students and enjoyed interacting with them,” Low said.

Dr. Audia, a Bellevue oral and maxillofacial surgeon, has been an affiliate faculty member for 15 years. Dr. O. Ross Beirne, former chair of our Department of Oral and Maxillofacial Surgery, called him “an exceptional communicator and extraordinary teacher” who is “a perfect model for a clinical instructor in the School of Dentistry. ... He is a humble and approachable person who loves to share his extensive knowledge with his students. He always treats patients, students and staff with kindness and respect.” He also noted that Dr. Audia played an important role in developing the current OMS clerkship.

Dr. Thomas Dodson, Chair of OMS, and Dr. John Evans of OMS added that Dr. Audia is also a perennial student favorite who has twice been invited to sit on the stage during Hooding, an honor rarely extended to affiliate faculty members.

“Congratulations to Dr. McHugh and Dr. Audia on receiving these highly deserved honors,” Dean Joel Berg said. “Both of these outstanding teachers are excellent examples of why our affiliate faculty members are such a tremendous asset to our School.”



Dr. Franco Audia

DEAN'S CLUB BOARD OF TRUSTEES

A dedicated corps of supporters

Since its founding in 1983, the Dean's Club has been an indispensable part of our School of Dentistry. In recent years, it has become even more so, as we entered a "new normal" era of sharply reduced state funding for the University of Washington and the School. Through the decades, the Dean's Club has led the way in helping provide a stable, sustainable source of financial support for our faculty and students – for scholarships, fellowships, professorships, chairs, lectureships, programs and research.

The clearest proof of this can be found in the steadily rising number of endowments – from six in 1983 to more than six dozen today. Along with boosting philanthropy, the Dean's Club has also fostered relationships and enhanced our School's image, with club members often serving as de facto ambassadors for the School. Dean's Club members each give at least \$1,000 a year, many give considerably more, and some also add a significant investment of time.

This holds true especially for those who serve in volunteer leadership positions on the Dean's Club Board of Trustees. Board members meet three times a year to receive updates on the School, and work behind the scenes with alumni and other members of the School's community. They play active roles in planning and executing fund-raising initiatives, and also contact and cultivate other donors.

Board membership requires a commitment of time and energy, which is all the more significant when considering that many members are also practicing dentists. We've asked our current board members to tell us a little about themselves and why they make this extra effort to support our School.



DR. SIDNEY GALLEGOS

Tacoma, Wash.

Dean's Club Board President

Education: University of Washington, undergraduate degree (1972) and DDS (1981); Primary Children's Medical Center of Salt Lake City, Utah, certificate in pediatric dentistry (1988)

Professional: Pediatric dental practice in Federal Way, Wash.; Diplomate, American Board of Pediatric Dentistry; affiliate clinical instructor, UW Department of Pediatric Dentistry; consultant, Examination Committee, American Board of Pediatric Dentistry; Chair, UWSOD Partners In Diversity (2000-2015); Advocacy Head Start Leader, American Board of Pediatric Dentistry, Washington state chapter

Personal: Daughter, Anna Sofia

Why he serves on the board: "I want to have the UW School of Dentistry maintain its status of being one of the best dental schools in the country."



DR. PATRICK TAYLOR

Kirkland, Wash.

Immediate Past President

Education: University of California, Berkeley, undergraduate degree (1973); University of California, San Francisco, BS and DDS (1977); University of Washington, MSD and certificate in endodontics (1988)

Professional: Associate at Bellevue Endodontic Associates, where he was an owner from 1999 until 2015; retired at the rank of Captain from the U.S. Navy Dental Corps in 1998; currently Vice President of the American Association of Endodontists

Personal: Wife, Frances; daughter Kate Chase teaches elementary school in Portland and has two children; son Brian is a Lieutenant in the U.S. Navy Medical Corps, serving in Okinawa

Why he serves on the board: "I look back on my UW education as one of the best things that have happened to me. Although I did not have that great appreciation at the time, I realize now that the professional and personal rewards it has gained over time have been grand. I serve on the Dean's Club Board and give my time, money and effort to the School because I want to ensure that others have that opportunity."



DR. JASON BOURNE

Everett, Wash.

Education: University of Washington, undergraduate degree (1997) and DDS (2001); Temple University, certificate in orthodontics (2003)

Professional: Orthodontics practice with offices in Marysville and Lake Stevens, Wash., since 2003

Personal: Wife, Danica, of 16 years; children, Connor, 14, Cameron, 11, and Griffin, 7

Why he serves on the board: "I serve because I love the University of Washington School of Dentistry, and I want to give back to the school in any way I can. My experience there was wonderful, and I owe all of my success to the very special program and faculty that shaped my learning and skills. So many of those faculty were part-time, who volun-

teered their time and energy to students like myself, and being involved with the Dean's Club is my way to contribute back to the school."



DR. MIKE BUEHLER

Yakima, Wash.

Education: Washington State University, undergraduate degree (1970); University of Washington, DDS (1974)

Professional: Retired in 2011; started a low-income charity clinic at Yakima's Union Gospel Mission that I currently direct, and work in patient care about 40 percent of the time.

Personal: Married to Merilee for 45 years; sons Chad, 40, married with two daughters, and Cody, 38, and daughter Kimber, 28

Why he serves on the board: "I volunteered to stay involved with the School, and to be a representative from Eastern Washington. I received a great education at UW and feel this is a way to support the school. I am a strong proponent of the new curriculum and vision of Dr. Berg."



DR. GUILLERMO CHACON

Gig Harbor, Wash.

Education: University of Costa Rica, undergraduate degree (1986) and DDS (1990); University of Miami/Jackson Memorial Hospital, oral implantology fellowship (1993-1995); Ohio State University, internship in oral and maxillofacial surgery (1995-1996); University of Washington, oral and maxillofacial surgery residency (1996-2000)

Professional: Full-scope private practice in Puyallup, Wash., with a special focus in orthognathic surgery and dental implants; affiliate associate professor in UW Department of Oral and Maxillofacial Surgery

Personal: Wife, Molly; children, Cristina, Mariana and Javier; and two 12-year-old yellow Labs, Woody and Lady

Why he serves on the board: "As a former full-time academician, I am acutely aware of the financial limitations that large public institutions have to deal with day in and day out. Alumni support is a key component to keep the mission of dental schools across the country. I have been very fortunate with the opportunity that UW gave me to train here. My family and I have enjoyed the results of this training and this is our way to give back and to thank my alma mater for this. If all of us give a little, we can achieve a lot and help the UWSOD become the premier center of dental education in the U.S. and the world."



DR. MARK DRANGSHOLT

Seattle

Education: University of Washington, undergraduate degree (1980), DDS (1984), MPH in epidemiology (1992), certificate in oral medicine (1995) and PhD in epidemiology (2004); board certification in oral medicine (1999)

Professional: Professor and Chair, UW Department of Oral Medicine; clinician-scientist practicing in oral medicine and orofacial pain at Center for Pain Relief, UW Medical Center and UW Oral Medicine Clinical Service; engaged in teaching, service, research, administration; leading several national/international efforts in diagnosis and management of orofacial disorders, and use of N-of-1 methods to personalize health care and advance science

Personal: Married for 27 years to Dr. Heather Woloshyn, affiliate faculty in Orthodontics; children, Thomas, 22, and Lina, 19

Why he serves on the board: "After traveling to other schools around the world, it is clear that to be a global leader in education, clinical service and research in orofacial health, you need widespread support from all of society. This societal support starts with a strong group of alumni and friends. Financial and other forms of support are critical in these times of diminished state and federal support, and our alumni and Dean's Club work hard to foster this support. Our family has made a commitment to strongly support the UW to carry on these valuable missions, and we hope others will, too."



DR. SARAH FRAKER

Mukilteo, Wash.

Education: Tulane University, undergraduate degree (1993); University of Washington, DDS (1998) and general practice residency (1999)

Professional: Since 1999, general practice in Seattle's Green Lake neighborhood founded by father, Dr. Ross Fraker ('80), in 1983; purchased practice in 2008, and father retired in 2010; in 2013, Dr. Megan Mulligan, a University of Minnesota graduate, joined practice as associate

Personal: Married to Jim Jensen, national sales manager for Jack Links; children, James, 11, and Grant, 8

Why she serves on the board: "When I was in dental school I received financial support from both the Alumni Association and the Dean's Club. I feel it is important to give back to my future colleagues. I also want to support the faculty who continue to provide an excellent education. It is through their efforts and dedication that I am able to be the

dentist that I am today. They continue to be wonderful mentors, teachers and friends. It is only through the support of alumni that our school will continue to be a leader in dental education.”



DR. MARK GRACE

Puyallup, Wash.

Education: Franklin and Marshall College, undergraduate degree (1990); University of Washington, DDS (1994)

Professional: General practice in Seattle since 1994 with an associate

Personal: Wife, Kristine; children, Josh, 10, Katie, 8, Nick, 5

Why he serves on the board: “I enjoy giving back to the School of Dentistry, which has given me an opportunity to thrive in dentistry, and hope that Dean’s Club activities will help students have an easier time getting through dental school.”



DR. SUSAN HOLLINSWORTH

Kent, Wash.

Education: Eastern Washington University, undergraduate degree (1973); University of Washington, DDS (1978)

Professional: General practice in Kent for 32 years

Personal: Married to George Adams; stepdaughter, Lauren; granddaughter, Zoey, 12, and grandson, Maddex, 3

Why she serves on the board: “Being a UW graduate and dentist is a privilege, and I owe a debt of gratitude to all who have helped me get where I am today. ‘Paying it forward’ financially and through volunteering is the best way I know to thank them and continue their legacy. Knowing I may be helping someone else achieve their dream makes me feel good at the end of the day.”



DR. HEIDI HORWITZ

Seattle

Education: University of Washington, undergraduate degree (1977), DDS (1983) and certificate in orthodontics (2001)

Professional: Private orthodontics practice in West Seattle since 2003; previous orthodontics practice as associate on Mercer Island and in Ketchum, Idaho, 2002-2004; private dental practice in Seattle, 1983-1999

Personal: Husband, Dr. Dale Bloomquist

Why she serves on the board: “Because I care! I received an outstanding education at the UW School of Dentistry, and I believe it is important to demonstrate my apprecia-

tion by giving the time and effort in order to promote the dental school in every way. Especially during these difficult economic times when government funding is no longer available, it is incumbent upon alumni to do whatever we can to support our alma mater so that the tradition of excellence at the UWSOD can continue.”



DR. MICHAEL JOHNSON

Sammamish, Wash.

Education: University of Washington, undergraduate degree (1978) and DDS (1982); Mayo Clinic Graduate School of Medicine, MS in prosthodontics and certificate in maxillofacial prosthetics (1992);

board certification in prosthodontics (1999)

Professional: Practice limited to fixed, removable and implant prosthodontics and maxillofacial prosthetics in Bellevue since 1992

Personal: Married for 32 years to wife, Melinda; children, Dylan and Evan

Why he serves on the board: “I served as President of the Dental Alumni Association and now as a member of the Dean’s Club board to help in developing alumni support for the School. Alumni donations and support are critical at this time as state funding is dwindling. It is my hope to get alumni on board to support our dental school faculty so as to keep our school one of the best as they strive to get new programs off the ground and continue to improve the curriculum.”



DR. DAVID MINAHAN

Kenmore, Wash.

Education: University of Washington, undergraduate degree (1971) and DDS (1975)

Professional: General practice in Kenmore since 1975

Personal: Married 45 years to Susan, an undergraduate classmate at the UW who is active volunteer with Dental Alliance and serves on access committee for Seattle King County Dental Society and is also past president of Junior League of Seattle; sons, Greg, working in Seattle, and Allan, dentist in Kenmore married to Jennifer with a son, Owen, and daughter, Emmarie

Why he serves on the board: “I’m grateful for the education I received at the UW School of Dentistry, and it is with great pride that I display that diploma in my office and share with our patients my affiliation with the School. Associating with fellow colleagues in the Dental Alumni Association and on the Dean’s Club Board has been enriching as new friendships have evolved over the years. Engaging with

students, faculty and administrators has been stimulating and inspiring. It has been very gratifying to see the wonderful support our alumni have contributed to the School of Dentistry. Difficult economic times have impacted the School of Dentistry (as well as the University overall) with stiff financial challenges that require our attention. To Susan and me, giving back just seems to be the right thing to do! We value what the School of Dentistry has provided for us on many levels and are proud to be able to contribute back to one of the best schools in the world."



DIANE OAKES

Mercer Island, Wash.

Education: Western Washington University, undergraduate degree (1996); University of Washington, MSW (2001) and MPH (2002)

Professional: President and CEO at Washington Dental Service Foundation

Personal: Married to Scott Oakes for 10 years; children, Tyler, 9, and Lucas, 5

Why she serves on the board: "The UW School of Dentistry is a very important partner to the Foundation. We are fortunate to have a nationally recognized leading dental school in our state. I hope through the Dean's Club to identify additional opportunities for collaboration."



DR. PATRICIA ROTHWELL

Seattle

Education: University of Washington, undergraduate degree (1978) and DDS (1984)

Professional: Practice in Seattle since 2000 at Springbrook Dental with Dr. Trena Carpenter, Dr. Megan Erke and School of

Dentistry classmate Dr. Dorie White

Personal: Married in May 2015 to Dr. Steve Knaup, retired anesthesiologist; daughter, Alexandra, married and working for a catering company in San Francisco, and son, Barrett, a Seattle accountant; Dr. Knaup has two children, Andrew, who works in the film industry in Los Angeles, and Madeline, who lives in Brooklyn with her husband and their infant son

Why she serves on the board: "I became interested in supporting the dental school after the death of my husband, Bruce Rothwell, in 2000. He had served on the faculty for 20 years, most recently as Chairman of Restorative Dentistry. I knew how important the school was to him and wanted to preserve his memory there. He had a great appreciation for the faculty and the students, and loved academia. I am also

very cognitive of the other great leaders who enriched my education while I was at the dental school, and feel that it is my turn to do the same."



DR. MARK WALKER

Lake Tapps, Wash.

Education: University of Washington, undergraduate degree (1977) and DDS (1981)

Professional: Practiced general dentistry in Kent, Wash., since 1982

Personal: Wife, Barbara; children, Josh, 33, Jeff, 31

Why he serves on the board: "I love being a dentist and realize that I have the UW School of Dentistry to thank for my excellent education and training. My years in dental school were fun, exciting, and challenging, and I want to help our current faculty and students maintain and surpass the outstanding reputation our school has across the country. Being a member of the Dean's Club Board allows me the opportunity to give back to the School in a way that I can see the outcomes of my efforts."



DR. DOUGLAS WALSH

Seattle

Education: University of Washington, undergraduate degree (1974) and DDS (1978)

Professional: Private practice in Seattle from 1982 until retirement in 2015

Personal: Married for 16 years to Kathy Blain, a West Seattle Realtor

Why he serves on the board: "I serve on the Dean's Club Board to fully support the school and connect with as many Washington dentists as possible who can join me to make the UWSOD the premier dental school."



Answer the call!

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Our School of Dentistry relies on gifts from alumni and friends to help advance the quality of education, research, and service that it provides. Please respond positively to UW student callers by making a gift to the Dean's Fund for Excellence and Innovation or to your favorite School of Dentistry fund.

faculty updates



Dr. Tim DeRouen, who created the Summer Institute in Clinical Dental Research Methods, one of the world's leading training centers for oral health researchers, and served as Interim Dean in 2011-12, took full retirement on Aug. 1. Dr. DeRouen, who was Professor Emeritus in the Department of Oral Health Sciences,

took partial retirement at the end of 2012. The Summer Institute, which has trained 588 researchers and marked its 25th year in 2016, will continue under the direction of Dr. Christy McKinney. Dr. DeRouen served as principal investigator for more than \$47 million in research grants during his career, which included 41 years at the UW. He was president of the American Association for Dental Research in 2014-15, and in 2013, he was named Distinguished Alumnus by his alma mater, McNeese State University.



Dr. Donald Chi ('06), Associate Professor in the Department of Oral Health Sciences, has received the 2016 Jerome B. Miller Crest Oral B For the Kids award from Healthy Smiles, Healthy Children: The Foundation of the American Academy of Pediatric Dentistry. The award is given to a rising clinician,

researcher or academician in pediatric dentistry for outstanding efforts on behalf of children's oral health and welfare. Sponsored by Procter & Gamble Professional Oral Health/Crest Oral B, the award honors Dr. Jerome B. Miller, former president of AAPD and its foundation. Dr. Chi's research focuses on the behavioral factors related to dental care access for Medicaid-enrolled children with special health care needs.



Dr. Egbert

Dr. Mark Egbert ('81, OMS '86), OMS Associate Professor, and **Dr. Thomas Dodson**, Chair of the Department of Oral and Maxillofacial Surgery, were elected as Fellows of the American College of Surgeons. Fellows historically had to have a medical degree, but a change in bylaws now permits candidates with dental degrees alone to be considered. Dr.

Dodson and Dr. Egbert were among the first cohort of dental-only degree holders to be elected.



Dr. Dodson

Dr. Dodson also has been named recipient of the 2016 Clinical Research Award from the American Academy of Oral and Maxillofacial Surgeons, which will be presented at the organization's 98th annual meeting in Las Vegas on Sept. 20. In a letter informing Dr. Dodson of the award, AAOMS President Louis K. Rafetto said, "You are highly

respected by your peers in education and have fostered innovations and new diagnostic and therapeutic interventions applicable to the clinical practice of oral and maxillofacial surgery."



Dean Joel Berg was named the American Academy of Pediatric Dentistry's 2016 Pediatric Dentist of the Year at the AAPD's annual meeting in June. The award, established in 1998, honors a pediatric dentist who has contributed significantly to the dental profession and to pediatric dentistry through clinical practice,

academics or policy development.

Dr. Thomas Dodson became interim Chair of the Department of Pediatric Dentistry and **Dr. Zheng Xu**, Clinical Associate Professor, became interim graduate program director, both effective July 1. Dr. Dodson's appointment came in the wake of Dr. Rebecca Slayton's retirement as Chair and Director of the UW Center for Pediatric Dentistry. Dr. Xu was appointed to fill the vacancy left by the departure of Dr. Elizabeth Velan (Pedo '08) from that post.



Dr. Jeffrey Rubenstein, Professor in the Department of Restorative Dentistry, has received honorary membership in the Milwaukee Dental Forum, which is conferred only by unanimous election. The Milwaukee group, established in 1921, is believed to be the oldest continuously meeting dental study club. ■

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/> and look for the “Class Connections” link under “Connect” in the “Alumni & Friends” pull-down menu. If you’d like to share your memories, please send a note to ss55@uw.edu with “History Project” in the subject line.

Professor Norma Wells,
Dental Hygiene Class of 1958

As founder of the UW Oral Health Collaborative, Norma Wells for years was one of our School's most visible public faces across Washington State. Emerging in 1995, the Collaborative focused in its early years on oral health services and education with children and families in rural communities. Over time, it has reached thousands of people, including those in tribal, urban, migrant, veterans, disabled, senior, and homeless communities. Professor Wells retired at the end of 2014 as Associate Professor Emeritus in our Department of Oral Health Sciences. Here she talks about partnerships and how the Collaborative got its start.

Historically, UW Dental Hygiene undergraduate academic programs were noted for clinical skills, preventive services and community educational activities. Together with other agencies, we developed and carried out preventive dentistry clinical and educational programs among diverse and special populations, built clinics, and focused on partnerships. Further, it was common for the dental school to refer requests to my office. Then, in 1983, the Department of Dental Hygiene was eliminated and the Degree-Completion Program with its few students moved to another department. This reduced program capabilities to honor requests.

Drawing early membership from dental hygiene graduates as well as current students, the group became a first responder of sorts to the litany of incoming requests from the community that I fielded. I thought, “We need to do something more than what I can do from answering the phone and giving them resources.” Thus, the idea of a collaborative was born. As the UW Collaborative evolved,

we became a hybrid of academia with grass-roots activism. The outcome was that we got really good at this – planning, delivering and building programs with partners throughout the state interested in promoting oral health and preventing dental diseases.

An early example is the partnership with GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs), Heritage College (now Heritage University), and Yakima Valley Community College.

Prior to this, I had gone to the UW Vice President for Learning and Technologies and said, "I could really use your help." He said, "I'm going to put you in touch with some people in the (Yakima) Valley." One of those people was the Chair of Math and Science at Heritage University. I visited with her and said, "These are the types of things we do," and one was an event with the Yakima Community College. She said, "Well, I would like to be a part of this," and arranged to have a bus transport middle school children in her Saturday

Science Club that went to Toppenish-area schools. They filled a bus with about 40 kids and with box lunches they drove from Toppenish to W. Brown Dental Hygiene Clinic, where we held a science fair with six hands-on dental-related activities.

We taught them to read an X-ray, to take an X-ray, to find microbes using a microscope, seal extracted teeth, and dissolve an egg to simulate tooth decay (demineralization) and fluoride effects – things of that nature.

From our initial start, we have honored requests from most counties in the state. Still, there is more to do, partnerships to develop and coalitions to support as we work toward improved oral health for people in our state. ■



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| Burkhart Dental Supply Co. | Nakanishi Dental Lab, Inc. | Washington Dental Service Foundation |
| Delta Dental of Washington | Nobel Biocare USA, Inc. | Washington State Dental Association |
| Dentsply GAC International | Pacific Continental Bank | Waterpik Technologies, Inc. |
| | Pew Charitable Trusts | Zimmer Biomet |

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| American Dental Association Foundation | Dental Services Group |
| BioHorizons | Permanente Dental Associates, P.C. |
| Colgate Oral Pharmaceuticals | Washington Academy of General Dentistry |

PARTNERS

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| American Association of Endodontists | HomeStreet Bank |
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PACIFIC CONTINENTAL®
THE RIGHT BANK®

In 2012, the Dean's Club Board of Trustees launched the Business Partners program to encourage members of the professional community to join our alumni in providing regular annual support for our School of Dentistry. For one such partner, this was simply the next step in a continuing record of steadfast support.

For a decade, Pacific Continental Bank has been a strong and valued contributor to the School, with generous contributions that have funded much-needed student financial aid. The Pacific Continental Bank Scholarship is awarded annually with the goal of addressing the disparities in oral health by fostering a passion for service in underserved communities.

"Pacific Continental Bank gives to the UW School of Dentistry because our support for such a renowned educational institution pays significant dividends to our bank and to the community in general," says Scott A. Beard, Executive Vice President and Director of Health Care Banking at Pacific Continental's offices in Portland, Ore.

"The UW School of Dentistry provides a world-class education which in turn provides our community, state and nation with world-class dentists. Further, Pacific Continental Bank's support of dental scholarships among a very diverse population of stu-

W BUSINESS PARTNERS 2016

dents helps ensure that the opportunity for this world-class education is open to all."

This commitment to serving the community is an integral part of Pacific Continental Bank's makeup, Beard says.

"Community support is in the DNA of Pacific Continental Bank," he says. "From our CEO to our front-line tellers, Pacific Conti-

nental Bank provides thousands of hours and millions of dollars in direct community support for a singular purpose: to make our communities a better place to live and work. As one of the largest and most impactful dental lenders in the nation, our volunteer and financial support of the industry is second to none. Through our sponsorship of dental-focused nonprofits and educators, our goal is to contribute to the overall health and vibrancy of the dental profession."

The bank's support also mirrors the School's commitment to creating a curriculum that fully prepares stu-

dents to serve the diverse, multicultural communities they will encounter after graduation.

"It is an honor for Pacific Continental Bank to continue supporting the UW School of Dentistry," Beard says. "We believe it is a fundamental responsibility of ours to support the educational opportunities of a diverse group of students for today, so that the UW can prepare a diverse group of dentists for tomorrow."

Says Dean Joel Berg: "Strong partners like Pacific Continental Bank are a key component in helping us produce outstanding dentists who have the skills to meet the challenges of 21st-century dentistry. I'm truly grateful for their support, and for the depth and breadth of their vision." ■



Pacific Continental Bank has been a decade-long scholarship supporter at the School of Dentistry. Here, Dr. Travis Nelson of Pediatric Dentistry presents the 2012 scholarship to Marcus Rhodes, who earned his DDS in 2013, completed an AEGD residency and is now practicing in Arlington, Wash.



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

Genetic Basis for Divergent Virulence of *P. gingivalis* strains 33277 and 381

PIs: Dr. Richard Darveau, Dr. Stephen Coats
Co-Investigator: Dr. Jeffrey McLean
Sponsor: NIH/NIDCR

Porphyromonas gingivalis is a Gram-negative bacterium that displays unique distinguishing characteristics among the oral microbial community. It is capable of indirectly promoting a periodontal disease outcome via a community dysbiosis mechanism. In addition, the bacterium exerts a number of direct immunomodulatory effects on the host innate immune response machinery to dampen the ability of the host to resolve both extracellular and intracellular infections. Consequently, *P. gingivalis* maintains the ability to survive, infect host cells, disperse systemically, and either exacerbate or evade select host inflammatory responses. A number of bacterial factors including fimbriae, lipid A phosphatases, gingipains, polysaccharide capsule, and adhesins have been strongly implicated in contributing to the pathogenic phenotype associated with *P. gingivalis*. However, it is unclear how these factors are coordinated with each other, or with additional uncharacterized immunomodulatory factors to confer disease-related phenotypes associated with particular strains. In this application we propose an innovative approach to identify a novel virulence attribute of *P. gingivalis* by comparing the genomes of two highly related strains, 33277 and 381, which display significantly different inflammasome activation and Toll-like receptor 2 responses, two key innate immune response pathways. Our preliminary comparisons, using laboratory and publicly available sequence information, indicate that the number of genomic differences between *P. gingivalis* 33277 and 381 is surprisingly limited (less than 150 polymorphisms). In Aim 1 we will systematically evaluate genomic sequence data and RNA expression data from 33277 and 381 strains that have been tested for their abilities to activate host cell inflammasome and TLR2, in order to obtain high-priority candidate gene sequences encoding products that exhibit features predicted to confer the strain-specific inflammatory effects, such as bacterial factors having demonstrated roles in immunomodulation. In Aim 2 we will create mutant strains bearing targeted deletions in high priority candidates in both the 33277 and 381 backgrounds. The mutant strains will be assessed for their abilities to activate the macrophage inflammasome or TLR2 signaling in order to identify the genetic factor(s) that determine the distinct immunogenic characteristics strains 33277 and 381. The use of functional genomics to elucidate the basis *P. gingivalis*' strain-specific immunogenicity will lay the foundation for further studies aimed at determining correlations between strain type, disease associations, and potential therapeutic interventions in inflammatory disorders that significantly impact human health.

Suture Mechanobiology and the Vasculature: A New Approach to Midfacial Hypoplasia

PI: Dr. Susan Herring
Co-Investigators: Dr. Katherine Rafferty, Dr. Zijun Liu
Sponsor: NIH/NIDCR

Midfacial hypoplasia is a growth deficiency that can lead to severe deformity with impairment of feeding and breathing. Current treatments include drastic surgeries that reposition bones but do not promote growth. This project assesses the potential of a less invasive mechanotherapeutic strategy for preventing the early fusion of hypoplastic midfacial sutures. Cyclic loading is anabolic for sutures. As a working hypothesis, we propose that cyclic loading preserves patency by promoting the proliferation of sutural cells, and that in the central zone these cells are inhibited from becoming osteoprogenitors. The proposed mechanism by which this occurs is that the central zone of the suture becomes hypoxic as cyclic loading disrupts blood flow. Hypoxia then leads to mesenchymal proliferation, angiogenesis, and matrix remodeling; these events inhibit cells from osteodifferentiation until they move out of the central zone into the bone-forming zones. In this way, mechanotherapy would both preserve sutural patency and promote bone growth. The aims of the project will test the clinical validity of the cyclic loading concept, the working hypothesis, and the proposed vascular mechanism. It will serve as proof of principle for future investigations of molecular mechanisms and the development of new treatment modalities. Minipigs are similar to humans in craniofacial physiology, and their sutural mechanics are well documented. We will employ a unique minipig breed with severe midfacial hypoplasia related to hypoplastic, early fusing facial sutures. Cyclic or sham loads will be applied to sutures and the resulting strains measured using strain gauges. Specific Aim 1 will test whether the hypoplastic sutures increase their growth in response to the treatment. Specific Aim 2 will test the working hypothesis by determining sutural proliferation/apoptotic rates and establishing whether osteoprogenitors are down-regulated in the central zone. Specific Aim 3 will test the predictions of the vascular mechanism that loading will increase vascularity and disorganize the sutural ligament. This research will advance our understanding of the biological regulation of suture patency and elucidate the pathogenesis of midfacial hypoplasia. If the concept, working hypothesis and/or the vascular mechanism are supported by the findings, our long-term goal will be to develop mechanical and pharmacological therapies for this serious disorder.

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

class notes

■ CLASS OF 1972

Dr. Bob Bowman, Kalispell, Mont.: Bob has been selected for the Montana Dental Association's T.T. Rider Award, in recognition of his overall leadership and contributions to dentistry and community. This is MDA's equivalent of WSDA's "Citizen of the Year." It's quite an honor. The award was presented at MDA's annual meeting held in Helena in May.



Dr. Robert Bowman (center), his son and 1st District President Dr. Mike Bowman (left), and Montana Dental Association past president Dr. Dave Kiem

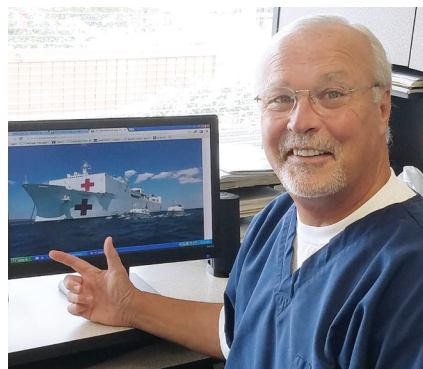
■ CLASS OF 1979

Dr. Stephen L. Kirkpatrick, Olympia, Wash.: Besides my Olympia practice, I've been busy on various fronts. I must first mention our triplet preemie grandchildren and their 2-year-old brother, and that our daughter's family of six all live with us, so I have four little ones to keep me busy. On top of that, I've had time for these dental activities:

- I've had five journal articles in five different dental journals, mostly about occlusion. In one example, I compare the bite to a game of pool: Teeth need to hit at the correct angle and with the right amount of force.
- As a former member of the Wenatchee Youth Circus, I put together a juggling video for my office: www.vimeo.com/148456580.
- I designed over 100 dental cartoons (DENToons), some of which you can see at www.facebook.com/olysmiles. Twenty are available on recall cards, take-home bags and wall plaques, through Sherman Dental and Henry Schein.
- I have also worked outside my office (in tribal clinics, etc.) on my "day off" (Mondays).

■ CLASS OF 1994

Dr. Patrick Rooney, Blaine, Wash.: I'm very honored and excited to have been selected as a civilian volunteer with the U.S. Navy for this year's deployment to Southeast Asia aboard the USNS Mercy hospital ship. The mission, which ran from mid-June to mid-July, was



part of a multi-nation venture that included personnel from Australia, South Korea, Malaysia, Japan and New Zealand. You can read more about it at <http://www.thenorthernlight.com/2016/05/18/local-dentist-ships-off-on-humanitarian-mission-with-navy-hospital-ship/>.

■ CLASS OF 2011

Dr. Oleg Shvartsur, Issaquah, Wash.: As some of you may know, over the last year we've had a lot of new changes in our personal and professional lives. Last year we embarked on a major project to renovate and expand our entire office. As the construction now comes to a close, it's clear that we couldn't have made it through this exciting yet challenging time without the love and support from all of you! Our open house party took place on June 9. This was an opportunity to celebrate the completion of the new space and share this accomplishment with everyone who played a role along the way. We also welcomed a new addition to our family on April 2, Sawyer Vance Shvartsur. Sammy is excited to be a big brother and both Sawyer and Nikki are doing well.



■ CLASS OF 2012

Dr. Dan Schruth, Seattle: I am currently in private practice doing orthodontics every day in Seattle. Alexandra and I got married this summer in Idaho – It has been a great year! www.bracesseattle.com

Dr. Andrea M. VanCleave, Olympia, Wash.: During my Pediatric Dentistry residency at Indiana University/Riley Hospital for Children, I was blessed to be able to purchase a practice in my hometown of Olympia. My husband, Cori, and I moved back home with a very special souvenir, our precious daughter, Violet. I sincerely love serving the children of my community and I hope to inspire that passion in others.



reunions

■ CLASS OF 1966

On July 16, a beautiful summer night, 43 members of the Class of 1966 and their "significant others" met at Seattle's Palisade Restaurant in the Orchid Room for their 50th-year reunion. Mount Rainier was visible, the atmosphere was wonderful, and the recollections and the "catching up" continued through the cocktail hour, the gourmet buffet dinner, and into the evening.

Dr. Charles Bolender, Professor Emeritus and former Chair of the Department of Prosthodontics, and his wife, Mamie, were guests of the class. Dr. Bolender came to our School as a young faculty member two years before the Class of '66 began their professional life as students. His outstanding leadership and professional excellence were celebrated this evening.

Nine classmates and two spouses enjoyed a tour of the School in the afternoon, guided by third-year student Peter Holmes and Director of Dental Alumni Services Randy Newquist. The tour included the D2 and D3 clinics, the D1 Simulation Laboratory, the DECOD clinic, the Orthodontics and Oral and Maxillofacial Surgery clinics, and the student lounge. Much to see, to learn, and to recall. Things have changed a bit in 50 years. Some classmates had not seen the inside of the School since graduation, while others have and continue to serve on the faculty.

George Stephens was MC and recalled some of the historical events that occurred during the time the class was in school. Things have changed from the challenging academic requirements, tight budgets, beginning families, military experiences, and new practices, all of which were very demanding.

Hank Surbeck, our class representative, was Chair of the event. Serving on the committee were Bob Allen, Gary Dodobara, Jon Kvinsland, George Stephens, Paul Smits, Al Van Ness and Mel Wilenzick. Judy and Bob Allen provided floral centerpieces for the event. – *Bob Allen*



Al Van Ness



From left: Judy Allen, Wes Wilcox and Bob Allen



Marti and Gerry Nielsen



Daryl Dahlgard (left) and George Wolff



From left: Penny and Hank Surbeck, Charles and Mamie Bolender

PHOTOS COURTESY OF MEL WILENZICK

■ CLASS OF 1976

On June 18, 21 members of the Class of 1976 held their 40th reunion at the South Campus Center. Fifteen spouses also attended a wonderful evening of sharing stories from the last 40 years. Many of us are still connected to the UWSOD through teaching in the D-1 lab and on the clinic floor. More than half of our class are enjoying retirement, grandchildren and travels. Some are still in active practice but take time to ski, mountain climb, restore antique clocks and volunteer for dental mission trips. Thank you, Randy Newquist and the UW Dental Alumni Association, for arranging a delicious dinner and perfect venue for our reunion. – *Rick Nash*



From left: Linda and Dean Anderson and Barb and Scott Cahoon



From left: Steve Marinkovich, Scott Cahoon, Denny Nordlund, Rick Nash and Dick Tucker



John and Ruth Sechena

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. H. SAM ANDERSON CLASS OF 1951



Dr. Howard Sam Anderson died on May 14, 2016 at Point No Point, near Hansville, Wash. He was 91. Dr. Anderson used the GI Bill to attend the UW and the School of Dentistry, where he was a member of the second graduating class. He had a solo practice in Ballard for 43 years. In 1970, he began one of Seattle's first group practices, Crown Hill Dental Center, which is still in operation. In 1956, he returned to the School of Dentistry to teach. In 1985, he received the School's Distinguished Alumnus Award, and in 2015, he received the Dean's Club Honorary Lifetime Member Award. He also served as his class's alumni representative for more than 60 years.

DR. ROBERT H. KEMP ORTHODONTICS CLASS OF 1952



Dr. Robert Hutchinson Kemp died on Jan. 26, 2016 in Scottsdale, Arizona. He was 92. He studied orthodontics at the UW and joined Dr. Paul Lewis, his former professor, in his orthodontic practice, which he ultimately took over.

DR. JEROME M. ZECH CLASS OF 1952 ORTHODONTICS CLASS OF 1963



Dr. Jerome Monroe "Jomy" Zech died on Oct. 15, 2015. He was 89. Dr. Zech graduated from the UW in 1949, received his DDS from the School of Dentistry and later completed studies in dental radiology at the University of Pennsylvania and orthodontics at the UW. He had an orthodontics practice in Bellevue, Wash., and then on Queen Anne Hill in Seattle.

DR. THEODORE G. LUND CLASS OF 1953



Dr. Theodore Gorton Lund passed away from pancreatic cancer on May 8, 2016. He was 88. Dr. Lund earned his BS in chemistry and his DDS

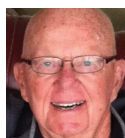
from the UW. He conducted a private general dentistry practice in Burien, Wash., for 33 years, retiring at age 59.

DR. EDWIN P. WERLICH CLASS OF 1953 ORTHODONTICS CLASS OF 1962



A celebration of the life of Dr. Edwin P. Werlich was held on March 20, 2016 at the Everett Golf and Country Club after Dr. Werlich passed away at the age of 90. Dr. Werlich had a private practice in Port Angeles, Wash., for six years. He then returned to the UW School of Dentistry and earned a master's degree in orthodontics. He opened his practice in Everett in 1962 and retired in 1992.

DR. ARTHUR F. STAMEY CLASS OF 1954



Dr. Arthur F. "Art" Stamey passed away on July 5, 2016. He was 88. Dr. Stamey began his 37-year dental practice in Lynnwood, Wash.

DR. DONALD C. HAYES CLASS OF 1956



Dr. Donald C. Hayes of Camano Island, Wash., passed away on March 29, 2016. He was 85. Dr. Hayes had a private dental practice in Stanwood, Wash., for 36 years. After retiring, he continued practicing on a volunteer basis with Medical Teams International on the dental van in his community.

DR. GLEN O. DUGGER CLASS OF 1959



Dr. Glen O. Dugger died on Dec. 1, 2015. In 1962, he opened the Fircrest Medical Arts Center, where he practiced family dentistry until he retired. He was a longtime member of the Pierce County Dental Association and the Washington State Dental Association. He was also a longtime member of the Fircrest Town Council, proudly serving one term as mayor.

DR. GEORGE M. CHATALAS CLASS OF 1964



Dr. George Macy Chatalas passed away on March 31, 2016 after a brief illness. He was 78. Dr. Chatalas was inducted into the American College of Dentists and the International College of Dentists. He served on the Washington State Board of Dental Examiners and the ADA Accreditation Commission and participated in the Seattle-King County Dental Society and the Washington State Dental Association on legislative and policy activities. For many years he was on the affiliate faculty in the School of Dentistry's Restorative department.

DR. JACK D. BARTROFF CLASS OF 1967



Dr. Jackie Dean "Jack" Bartroff died from a brain hemorrhage on May 30, 2016. He was 74. Dr. Bartroff earned his undergraduate and DDS degrees at the UW and completed post-doctoral studies in orthodontics at UCLA. He began his private practice in San Diego in 1973 and maintained practices in Mira Mesa and Rancho Bernardo, Calif., before retiring in 1995.

DR. JUDITH G. HILL CLASS OF 1981 GENERAL PRACTICE RESIDENCY 1982



Dr. Judith Grimm Hill died on May 13, 2016 while traveling in London. She was 67. After earning her DDS from the UW, Dr. Hill entered the Air Force. She retired as a lieutenant colonel in 2002.

DR. STEVEN C. ALEINIKOFF CLASS OF 1987



Dr. Steven Craig Aleinikoff died on April 16, 2016 after a heroic battle with cancer. He was 55. Dr. Aleinikoff received his undergraduate degree in biology and his DDS from the UW. He practiced dentistry for 29 years in the University District.

SPOTLIGHT COURSE

■ SATURDAY, NOV. 19

CBCT for the GP & Restorative Update

This course is designed for specialists, dentists, dental hygienists and dental assistants.

Morning topic: This course will explain the differences between cone beam CT and the more common two-dimensional imaging techniques (intraoral and extraoral radiography) in dentistry. CBCT radiation doses will be discussed as well as how to influence the dose and the image quality. The indications, contra-indications, advantages and disadvantages of CBCT will be highlighted and illustrated.

Afternoon topic: Dr. E. Ricardo Schwedhelm will examine various complications associated with implant therapy and then outline associated solutions. Dr. Yen-Wei Chen will discuss digital dentistry with particular emphasis on its relevance in clinical practice. Dr. Jae Seon Kim will present a method to simplify treatment planning to produce ultimate esthetic outcomes.

INSTRUCTORS:

Johan Aps, DDS, MSc Ped. Dent., MSc DMFR, PhD
E. Ricardo Schwedhelm, DDS, MSD, FRCDC(P)
Yen-Wei Chen, DDS, MSD
Jae Seon Kim, DDS, MSD, FACP, CDT

LOCATION: UW Health Sciences Center, Room D-209

CREDITS: 7

TIMES: Registration and Continental Breakfast: 8 – 8:30 a.m.
Course: 8:30 a.m. – 4:30 p.m.

TUITION (includes lunch):

Early Bird until Oct. 8
\$251.10/Dentist
\$161.10/Dental Hygienist, Dental Assistant and Office Staff
\$225.90/Current Dental Alumni Member

Until Nov. 17, 2016 (\$25 more afterward)
\$279/Dentist
\$179/Dental Hygienist, Dental Assistant and Office Staff
\$251/Current Dental Alumni Member

■ FRIDAY, SEPT. 23

CE1603: Benign? Not So Fast: Challenging Oral Diseases and the Tools to Decipher Them

Dolphine Oda, BDS, MS
UW Kane Hall, Room 110
7 credits

■ FRIDAY, SEPT. 30

CE1605: WISHA-OSHA Compliance for the Dental Office & CDC Guidelines for Infection Control

Samuel Barry, DMD
Washington State History Museum, Mount Tahoma Auditorium
7 credits

■ FRIDAY, OCT. 7

CE1611: Going to Pot and the Dental Patient: What do I need to know about marijuana that I didn't (formally) learn about in school?

Mark Donaldson, BSP, RPH, PHARMD, FASHP, FACHE
Turner Auditorium (Room D-209), UW Health Sciences Center
2 credits

■ FRIDAY, OCT. 7

Untangling the Confusion of Today's Restorative Materials

Edward J. Swift Jr., DMD, MS
This course is offered in partnership with the Seattle King County and Pierce County Dental Societies; please register through them at <http://www.skcds.org/>
Emerald Queen Conference Center, Puyallup, Wash.
7 credits

■ SATURDAY, OCT. 8

CE1615: Dental Pharmacology: Keeping Your Patients Safe – Will the Odds Be Ever in Your Favor?

Mark Donaldson, BSP, RPH, PHARMD, FASHP, FACHE
Turner Auditorium (Room D-209), UW Health Sciences Center
7 credits

■ SATURDAY, OCT. 22

CE1614: Improving the Oral Health of Your Older Patients

O. Ross Beirne, DMD, PhD; Bea Gandara, DDS, MSD; Kurt Labberton, DDS; and Rod Wentworth, DDS
Davenport Grand Hotel, Spokane, Wash.
7 credits

■ FRIDAY, OCT. 28

CE1617: The New Wellness Approach to Periodics: How to Change the Life of Your Practice and Your Patients

Timothy Donley, DDS, MSD
Hotel Deca, Seattle Washington
7 credits

■ FRIDAY, MARCH 10

Considerations in Achieving Exquisite Restorative Dentistry Preparations and Provisionalization / Simplifying and "Selling" the Complex Case: Moving Past Insurance Entitlement

Mark T. Murphy, DDS, FAGD and Dale Sorensen, DDS
This course is offered in partnership with the Seattle-King and Snohomish County Dental Societies; please register through them at <http://www.skcds.org/>

■ FRIDAY, MARCH 10

CE1662: Medical Management of Dental Caries

Joel H. Berg, DDS, MS
Sheraton Waikiki Hotel, Honolulu, Hawaii
7 credits

■ SATURDAY, MARCH 11

CE1663: Advances in Dental Pharmacotherapy

Karen Baker, MSPHarm
Sheraton Waikiki Hotel, Honolulu, Hawaii
7 credits

■ FRIDAY-SATURDAY, MARCH 17-18

Oral Surgery for the General Dentist: Making It Easier, Faster & More Predictable

Karl R. Koerner, DDS, MS
This course is offered in partnership with the Washington Academy of General Dentistry; please register through them at <http://washingtonagd.org/ce-programs/>
Washington AGD Educational Center
16 credits

For registration information, visit www.uwcde.com or call 206-543-5448.

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W Dental Alumni news

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alumni calendar of events

■ THURSDAY, OCT. 13

Dental Alumni/WSDA Mentor Reception
6 – 8:30 p.m.
Touchdown Terrace
UW Husky Stadium

■ SATURDAY, OCT. 22

School of Dentistry ADA Reception
5 – 7 p.m.
Hyatt Regency Denver Hotel
Capitol Ballroom, Salon 7
Denver, Colo.

■ MONDAY, NOV. 7

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

■ THURSDAY, JAN. 11

Beginning A Practice/POPs Program
6 – 8:30 p.m.
Room 316, South Campus Center

■ SATURDAY, MARCH 11

School of Dentistry Dean's Reception
5 – 7 p.m.
Sheraton Waikiki Hotel
Honolulu, Hawaii
UW CDE program on March 10-11

■ THURSDAY, MARCH 23

School of Dentistry AADR Reception
5 – 7 p.m.
Location: TBD
San Francisco, Calif.

■ FRIDAY, MARCH 24

Ernest Jones Memorial Lecture
8:30 a.m. – 4:30 p.m.
Room 120, Kane Hall
UW Seattle Campus

■ SATURDAY, APRIL 29

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

*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>*