

FALL 2015

THE UNIVERSITY OF WASHINGTON DENTAL ALUMNI ASSOCIATION VOL. 41, NO.2

DentalAlumninews

UWSD

THE LAUNCH OF
THIRD-YEAR CLERKSHIPS
SIGNALS THE NEWEST PHASE OF
OUR SCHOOL'S TRANSFORMATION

■ **NEW RESTORATIVE CHAIR**

*Dr. Daniel C.N. Chan
named to key post*

■ **HUNGATE SCHOLARSHIP**

*Major gift commemorates
late affiliate faculty member*

■ **HISTORY PROJECT**

*Dr. Doris Stiefel:
our first woman graduate*

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.**



8

NEWS

8 Taking charge

Dr. Daniel C.N. Chan becomes our new Chair of Restorative Dentistry, with other key appointments going to Dr. Natasha Flake and Dr. Ricardo Schwedhelm

9 Encore!

Last year's hugely successful King County Clinic will be repeated in October, and even more volunteers are urgently needed

10 Farewell to a former dean

Dr. Karl-Åke Omnell, who led our School from 1981 to 1992, passes away at age 88

11 Hungate Scholarship

A major gift supports a scholarship commemorating the late Dr. Mitch Hungate ('78), an affiliate faculty member known for his unstinting commitment to excellence

18 Four decades of DECOD

Our trailblazing special-needs dentistry program celebrates 40 years with a party – and a welcome gift from the Seattle-King County Dental Foundation

FEATURES

28 Cover story: UWSOD 2.0

The launch of our third-year clerkships signals a major new phase in our School's transformation

34 The History Project: Dr. Doris Stiefel

Our first woman graduate recalls the unique challenges she faced

ALSO IN THIS ISSUE

5 Alumni President's Message

It's time to get off the sidelines and volunteer

7 The Dean's Corner

Thank you to Delta Dental of Washington, an indispensable partner

26 Faculty Updates

27 Profiles in Service: Dr. Patrick Taylor

33 Faculty Spotlight: Dr. Sami Dogan

36 Partners in Excellence

37 Honor Roll of Annual Donors

39 Planned Giving: Dr. Patricia Rothwell

41 Research Update

42 Class Notes

44 Reunions

46 In Memoriam

47 CDE Spotlight/Schedule of Courses

Back cover: Calendar of Events



9



10



11



18



28



34

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It is time to step up and volunteer

What an exciting summer this has been at our School of Dentistry! As you will see in this issue's cover story on Page 28, we are moving ahead with some of the biggest changes that our School has ever seen.

Under Dean Joel Berg's leadership, we are implementing our revamped curriculum. It not only reflects the American Dental Association's new accreditation standards, but also our faculty's vision of dental practice in the years ahead. We are truly going to be producing what our Dean calls the "Dentist of the Future." (I hope you'll look at our School's new video about this – just go to YouTube and search for "UW School of Dentistry.")



In June, our Class of 2017 began a new clerkship system of intensive third-year clinical rotations in the core competencies of general dentistry. They will be getting more repetitions on procedures than ever before, with these repetitions concentrated into blocks of six to 12 weeks. Then, as fourth-year students next year, they will apply this new mastery under a new practice model that will see much higher patient traffic and will re-create the private-practice experience as closely as possible.

In fact, the early figures show that patient traffic is already up substantially for our third-year class. That brings me to the central point of my message: We need you to be involved, now more than ever.

The increase in patient visits and procedures will certainly help our students. At the same time, however, it puts even more pressure on our faculty to cover the student clinics with the kind of close, careful oversight that meets our high standards.

I know that many of you already volunteer as affiliate faculty members, and I thank you for that service. If you have not done so, however, I strongly urge you to consider joining our affiliate faculty. I realize that as busy professionals we all have major demands on our time, but this is one of the most meaningful ways in which you can make a real difference in helping our School and our profession to advance.

So please consider giving one half-day a week to our School – or, if you are working part-time or are farther along in your career and have more time available, even more. I volunteered in the pre-doctoral Periodontics clinic for years and found it extremely rewarding. If I lived closer than Montana, I would definitely continue.

If serving on our affiliate faculty is simply not feasible, then I hope you will consider making a generous donation to support our School, or serving on a volunteer board, or mentoring a dental student. We can always find a way to contribute!

JESSICA SWOBODA ('04, PERIO '07)
UW Dental Alumni Association President



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.

THIS YEAR'S MENTOR RECEPTION:

Thursday, Oct. 15 at 6 p.m., Don James Center, UW campus

Thank you, Delta Dental of Washington

The time I've spent as Dean has been exciting and challenging, but never more so than right now. I can't tell you how rewarding it was to be there in our Simulation Lab at the end of June as we kicked off our Clerkship Boot Camp and began our new third-year program.

This is a cornerstone of our School's transformation. Our third-year students will now see more patients, do more procedures, and have a far more focused and intensive exposure to the core competencies of general dentistry. Then they'll put all of that to good use when they go on to our new fourth-year general practice model next year.

Our curriculum renovation is right on track, and we're also making great progress as we apply modern lean management principles to streamline our organization and administrative operations.



This has been a herculean undertaking by a lot of people on our faculty and staff, and the payoff will be tremendous. I believe that our School will remain second to none even as we navigate a rapidly changing world of dental practice, science and technology.

Many people deserve our School's thanks for their efforts in bringing us to this point. But one of our partners deserves those thanks above all others: Delta Dental of Washington.

For nearly 30 years, Delta Dental, along with its Washington Dental Service Foundation, has supported our School. Together, these partners have given us nearly \$16 million, including the lead gift that allowed us to build our landmark Center for Pediatric Dentistry. These gifts have supported five major endowments, funded research and interprofessional education, expanded community outreach, and provided numerous scholarships, among other things. Every department in our School has benefited from the support of Delta Dental, which has been by far our largest and most consistent benefactor.

As generous as these partners have been, no gift has been more critical – and welcome – than Delta Dental's commitment to support the Dentist of the Future initiative that is transforming our School.

I can't overstate the importance of this support. It let us make key faculty and staff hires for our transformation. It helped fund our task forces that evaluated every aspect of our administration, organization, clinics and curriculum. Most importantly, it let us implement our Dentist of the Future initiative in a coherent rather than piecemeal fashion. This was essential for an initiative with so many complex and interdependent components.

In short, this School, and its most important Dentist of the Future plans, would not be where they are today without the help of these valued and generous partners. I am grateful for their support, which will help us remain one of the best places in the world to learn dentistry – and remain a dental school that will always make you proud.

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

JOEL H. BERG, DDS, MS
Dean

Dr. Chan named Restorative Chair

Dr. Daniel C.N. Chan was named Chair of the Department of Restorative Dentistry at our School of Dentistry, effective June 1. Dr. Chan succeeded Dr. E. Ricardo Schwedhelm, who had served as Acting Chair since 2012.

"I'm delighted that Dr. Chan will lead our largest department as we continue our transformation of the school to produce a true dentist of the future," Dean Joel Berg said. "Not only does



Dr. Daniel Chan

he have superb credentials in academic and operative dentistry, but he is also a noted researcher. I also believe his collegial temperament will be a great asset in this critical position."

The school also announced two related appointments. Dr. Schwedhelm, who has also served as the Restorative Dentistry clinic director, was named to direct the school's new fourth-year practice program. The program, which will be phased in during the 2015-16 academic year and fully implemented in the succeeding year, will be significantly more intensive

than the current model. With students seeing many more patients in their final pre-doctoral year of training, it will be designed to duplicate the private practice experience as closely as possible.

Dr. Natasha Flake of the Department of Endodontics faculty was named to chair the school's Clerkship Committee, overseeing the new system of intensive third-year rotations in the various disciplines of general dentistry. Dr. Chan had held that post since the beginning of 2015, but yielded it to focus on his new duties as Restorative Dentistry chair. However, he retains oversight of one clerkship, Operative Dentistry.

"It's a testament to the strength of our school that we have such able faculty members," Dean Berg said in a message to faculty, staff and students.

Dr. Chan came to the UW in 2008 from the Medical College of Georgia School of Dentistry to become Associate Dean for Clinical Services, a post he relinquished at the beginning of 2015 to take up oversight of the clerkship program. He holds the Washington Dental Service Endowed Chair in Dentistry at the UW and is immediate

past president of the national Academy of Operative Dentistry. He is also a widely respected researcher, and in 2013 was part of a team that received a patent for antibacterial applications of titanium-based material, which holds wide dental and medical potential for preventing infection without the use of antibiotics.



Dr. Ricardo Schwedhelm

Dr. Chan has received both a DMD from the University of the Philippines and a DDS from the University of Iowa. He has also had postgraduate

training at the UW, the University of Iowa and the University of Texas Health Science Center at San Antonio.

Dr. Chan has also held faculty appointments at the University of Texas Health Science Center at San Antonio and the University of Iowa. He has served on several journal editorial boards, and is a member of the American Dental As-

sociation, the International Association for Dental Research, the American Association of Dental Schools Operative and Biomaterials Division, the Academy of Dental Materials, the Academy of Operative Dentistry, the Washington State Dental Association and the Seattle-King County Dental Society. ■



Dr. Natasha Flake

Grad Pros search begins

Under the direction of Dr. Jeffrey Rubenstein of Restorative Dentistry, our School has begun a national search for a new permanent director of the Graduate Prosthodontics program.

Since 2012, the program has been guided by Dr. Hai Zhang as Interim Director and Dr. John Townsend as Interim Associate Director.

"Both have done a wonderful job of maintaining the high standards of this nationally recognized program," Dean Joel Berg said in a message to the School. "But with a new department chair in place, it's time to find permanent leadership this program deserves."

No timetable has been set for selection of a candidate. ■

School, alums join encore effort for big Seattle clinic Oct. 22-25

Our School of Dentistry, alumni and more than 70 other organizations are joining forces to stage an encore of one of King County's largest and most successful public health events in recent memory.

The second Seattle/King County Clinic will be held Oct. 22-25 in KeyArena, hosted again by Seattle Center, the arena's parent organization. Last year's clinic delivered free medical, vision and dental services to thousands of Puget Sound residents, many of whom had not received such care in years. Some waited all night outside the arena to ensure a spot in the clinic.

"The response from partners, volunteers, patients and the community at large to the 2014 clinic was universally positive, and the outcomes and lessons learned were greater than we imagined," clinic organizers from the Seattle Center Foundation wrote in a letter to partner organizations in March.

Dr. Jeffrey Parrish ('79) and Dr. Michael Karr ('80), who served as dental clinic volunteer co-directors, recruited and oversaw more than 1,400 dental

volunteers – including UW alumni, faculty and students – who provided care to more than 3,400 patients during the four days of the 2014 clinic. The two veterans of dental humanitarian missions are leading the 2015 dental clinic as well, along with two new co-directors, Dr. Brittany Dean ('12) and Dr. Elissa Johnson ('10).

Other participating dental groups in 2014 included the Washington State Dental Association and Seattle-King County Dental Society.



Dr. Michael Karr (left) and Dr. Jeffrey Parrish take a rare breather during the 2014 Seattle/King County Clinic.

One key difference this year is that Remote Area Medical (RAM), a Tennessee-based humanitarian group, will not be involved. RAM, which has staged numerous such clinics in the United States and abroad, provided the infrastructure for the clinic, but was unable to do so this year. Instead, clinic organizers are working with America's Dentists Care Foundation to rent the necessary equipment, while Seattle Center is procuring the dental supplies.

"Folks won't notice any difference," Dr. Parrish said. However, he noted that the dental clinic will be going from 62 chairs to 100 chairs, so more volunteers are urgently needed. As of late August, volunteer sign-ups had filled only 15 percent of the need for the Oct. 22 clinic, 30 percent for Oct. 23, 37 percent for Oct. 24 and 18 percent for Oct. 25. The clinic will run from 6 a.m. to 6 p.m. each day.

"We need more of everyone," Dr. Parrish said. "Any and all oral surgeons and residents will be most appreciated. We especially need all the staff we can get." ■

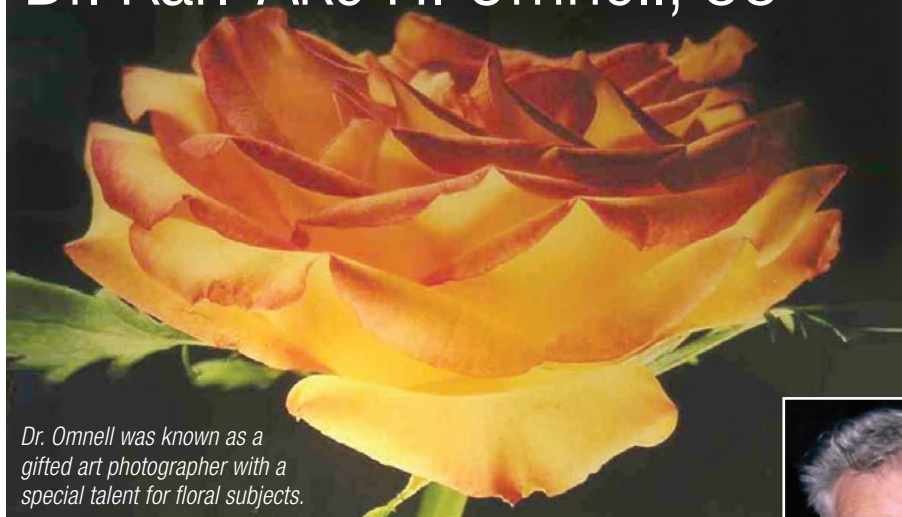
More than 3,400 Puget Sound residents received care during the 2014 dental clinic.

Sign up today!

To volunteer for the 2015 Seattle/King County Clinic, please go online to <http://volunteers.seattlecenter.org/>.



School mourns former Dean, Dr. Karl-Åke H. Omnell, 88



Dr. Omnell was known as a gifted art photographer with a special talent for floral subjects.

Dr. Karl-Åke H. Omnell, who as Dean of our School of Dentistry from 1981 to 1992 set high standards for clinical competence and stressed the importance of research in dental education, passed away on June 30 at his home on Washington's Camano Island. He was 88, and had been battling Parkinson's disease for a number of years.

Dr. Omnell's 11-year tenure as Dean was second only to that of Dr. Maurice J. Hickey, who served from 1956 to 1973, and featured several signature achievements, including establishment of the School of Dentistry's oral radiology program.

Along with Drs. Johnny Johnson and Jack Nichols, Dr. Omnell also played a key role in creating the School of Dentistry's Dean's Club in 1983. Dr. Omnell's service to the School was honored in 2000 with the bestowal of the Dean's Club Honorary Lifetime Member Award.

"All of us connected with the School are saddened by the loss of one of our most outstanding leaders," Dean Joel Berg said. "Dr. Omnell set exacting standards in clinical education and, as an outstanding researcher in his own right, fully appreciated the value of

clinical research in training new dentists."

Dean Emeritus Paul Robertson, Dr. Omnell's successor and friend, said that Dr. Omnell made the deanship transition a pleasure.

"He was kind and caring and a superb mentor. He was honest and highly ethical, and his primary concern was for his faculty and the students. He often said that his primary goal was to educate the best general dentists in the United States, if not the world," Dr. Robertson said. "Karl-Åke was highly respected throughout the dental profession because he was such a triple threat – clinically, academically and in research."

Dr. Omnell came to the University of Washington from the National Institute of Dental and Craniofacial Research in Bethesda, Md., where he was Clinical Director and Chief of the Clinical Investigations and Patient Care Branch. He already enjoyed an international reputation in oral radiation and radiation biology research, Dr. Robertson said.

"He was strong-minded about clinical competence, but also strong-

minded about inquiring minds," Dr. Robertson said. "He said, 'There is no lasting truth in science, including the science of dentistry.'"

He noted that Dr. Omnell collaborated with Dr. Roy Page to create the School's Regional Clinical Dental Research Center and supported research activity to the extent that the School became a leader in studies of the etiology and treatment of dental disease.

A native of Sweden, Dr. Omnell received his DDS from that country's Royal Dental School in Stockholm in 1950, along with a degree in odontology from the University of Lund in Malmo in 1957. He became a diplomate of the American Board of Oral and Maxillofacial Radiology in 1982 and a Fellow of the International College of Dentists in 1984.

He held faculty appointments in Sweden from 1950 to 1974, serving as dean of the University of Lund School of Dentistry from 1971 to 1974. He also served as a visiting assistant professor at the University of Minnesota School of Medicine from 1960 to 1961 and as a visiting scientist with National Institutes of Health from 1961 to 1962. In 1958, he received the Swedish Dental Association Prize for the most important scientific contribution to Swedish dentistry in 1956-57.

He authored or co-authored several dozen journal papers and presented research or lectured in countries all over the world, including Brazil, Germany, Japan, China, Spain, Sweden and the United States.

Dr. Omnell was also widely recognized for his skill as an art photographer, especially with his floral compositions. His photographs were shown in many venues and remain on display in two locations at the University of Washington Medical Center. ■



Major gift creates scholarship honoring Dr. Mitch Hungate

A major new gift honors the memory of Dr. William P. “Mitch” Hungate ('78), a beloved alumnus and affiliate faculty member who was killed in an avalanche in Washington's Cascade Mountains in 2013.

The generous gift of more than \$100,000 from Dr. Hungate's sister Cheryl supports the Mitch Hungate Scholarship, which is presented to a

pre-doctoral student who embodies Dr. Hungate's traits of character, honesty and integrity. The initial scholarship was awarded to rising fourth-year student Casey Jacobsen at this year's Honors and Awards ceremony on June 5.

Dr. Hungate, an avid outdoorsman and triathlete, served on our affiliate faculty for 33 years and was known for his dedication to the pursuit of

excellence. In addition to the new scholarship, his memory has also been honored with the establishment in 2014 of the Hungate Awards for Teaching Excellence, which recognize affiliate faculty members.

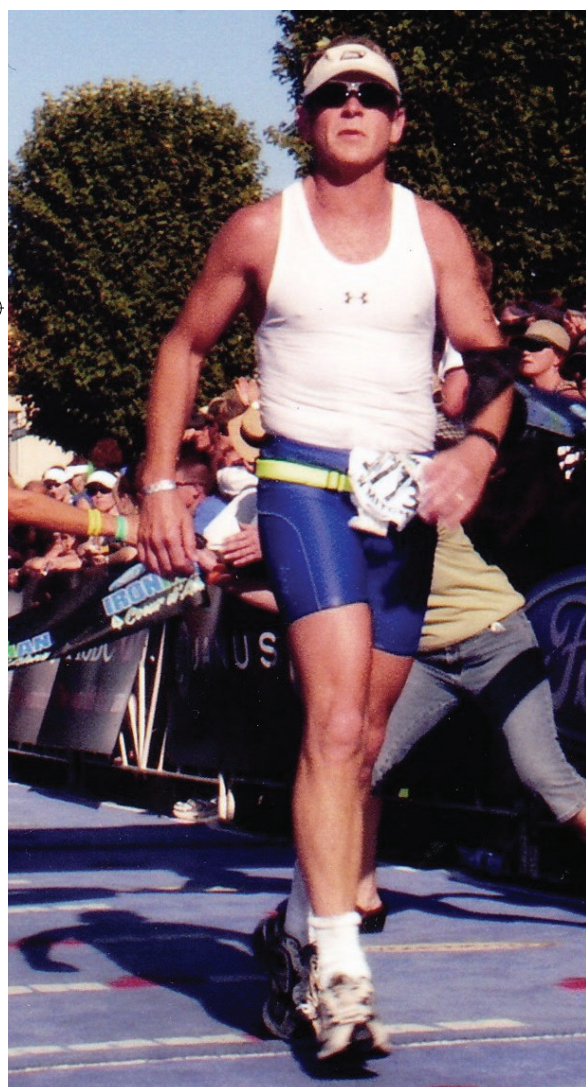
“Mitch was widely acknowledged as a skilled dentist, as a highly enthusiastic teacher and as an outstanding mentor,” said Dr. Chuck Bolender, our School's former Chair of Prosthodontics.

After two years practicing with the U.S. Public Health Service in Norfolk, Va., Dr. Hungate established his practice in Renton, Wash., where he focused not on the bottom line but on being a consummate dental practitioner. A self-described “Husky through and through,” he closed his practice on Fridays through the school year to volunteer as an adjunct professor in Restorative Dentistry.

His pursuit of excellence extended beyond dentistry to his personal life, as an athlete who shone in running, swimming and bicycling. Not only was he an ardent competitor in triathlons including three Iron Man races

in Kona, Hawaii, but he also helped friends, patients and acquaintances to start on their own journeys of healthful pursuits, donating his time, equipment and encouragement.

He also used his athletic prowess to support numerous charities, particularly those involved with cancer research and treatment. He once rode his bike from the bottom of Death Valley to the Mount Whitney Portal and then climbed to the mountain's summit to raise money for cancer research. Elsewhere in the community, he strongly supported Rotary International's charitable focus, helping



Dr. Hungate, a fierce competitor, is shown placing first in his age group at this Iron Man triathlon in Coeur d'Alene, Idaho, which allowed him to compete in the Kona, Hawaii Iron Man.



Cheryl Hungate, whose gift supports the new scholarship honoring her late brother, Dr. Mitch Hungate ('78), joins recipient Casey Jacobsen at the Honors and Awards ceremony reception.

improve the lives of people through disease prevention and treatment.

A self-reliant man, he worked throughout high school, college and dental school and was proud that he graduated from our School with no debt. With an infectious sense of humor, he was known for his amusing – and sometimes corny – jokes, which often had him laughing before he could deliver the punch line.

“Mitch leaves behind a legacy of a love of life, a love for mankind and a love for his profession,” Cheryl Hungate said. ■

Dr. Atriya Salamati receives Sunstar Americas, Inc. Research Award

Dr. Atriya Salamati, a PhD candidate in oral biology at the School of Dentistry, has received the \$25,000 Sunstar Americas, Inc. Research Prevention in Oral Health Award.

Dr. Salamati, who received her DDS degree at the University of Washington in 2013, is pursuing a doctorate in oral biology in the School of Dentistry's DDS/PhD program. She is studying tooth mobility in both healthy subjects and those with periodontal disease. Her work could eventually

of Dentistry recipient. In 2013, Dr. Donald Chi of the Department of Oral Health Sciences faculty received the Sunstar Americas, Inc. Pediatric Prevention Award.

The Sunstar Americas, Inc. Research Prevention in Oral Health Award was created to help identify and support novel approaches to both the diagnosis and prevention of oral diseases, said Aaron Pfarrer, Sunstar's Senior Director of Professional Relations.

"Sunstar is excited to work with Dean Joel Berg of the School of Dentistry and the University of Washington, both known for significant contributions on these very topics," he said.

"Sunstar aims to provide funding that not only helps bring new learning to light but also helps spark the interest of others, resulting in a cascade of learning that truly engages others. Dr. Chi's and Dr. Salamati's research exemplifies this approach, expanding and engaging others as their research proceeds," Pfarrer said.

The School of Dentistry's Research Advisory Committee chose Dr. Salamati for the award after reviewing research proposals submitted by junior faculty and graduate students.

"We are exceptionally proud of Atriya and all of her accomplishments," Dean Berg said. "Her passion for combining her interests in biological science with clinical practice is exemplary. I could not be more pleased with her selection."

Dr. Salamati said she hopes to begin a residency in pediatric dentistry after completing her PhD. After that, she envisions a career in academic dentistry while also providing patient care and continuing to perform research.

Sunstar, which was founded in Japan in 1932, is a global organization

that serves oral health care professionals and consumers in 90 countries. It works directly with researchers and faculty members at dental schools and dental hygiene schools around the world. Sunstar also works closely with dental professional associations and dental student associations to identify and support advances in research and education as well as practical approaches that improve health and enhance quality of life, Pfarrer said. ■

Dr. Salamati named Magnuson Scholar

Dr. Atriya Salamati has been named a 2015-16 University of Washington Magnuson Scholar, one of the UW's highest awards.

The six annual recipients – one from each of the UW's Health Sciences schools – are chosen for the \$30,000 award on the basis of academic performance and potential contributions to research in the health sciences.

"I am extremely grateful and honored to be a recipient of this prestigious award," said Dr. Salamati, who was notified of the award on her birthday. "This generosity inspires me even more to work harder toward my goals to further research in health sciences. I look forward to a day that I can give back and support young scientists."

Dr. Susan Herring, who is Dr. Salamati's research mentor, said, "Atriya has impressed all of us with her persistence and intelligence in pursuing these difficult experiments."

The Magnuson Scholars program commemorates the late Sen. Warren G. Magnuson of Washington, a leading advocate of biomedical research who played a key role in establishing the National Institutes of Health, Medicare and Medicaid. He is also the namesake of the UW's Magnuson Health Sciences Center. ■



Award recipient Dr. Atriya Salamati is joined by Dean Joel Berg (left) and Aaron Pfarrer of Sunstar Americas, Inc.

help develop better clinical treatment plans for children and adults who are prone to diabetes, periodontal disease, and other conditions leading to loosened teeth.

"I'm beyond thrilled to have received the Sunstar award," Dr. Salamati said. "This award has helped fund my PhD research project and allowed me to carry out my studies on developing periodontal disease in an animal model and measuring the effect of periodontal disease on the magnitude and direction of tooth displacement."

This is the second Sunstar Americas, Inc. award presented to a School

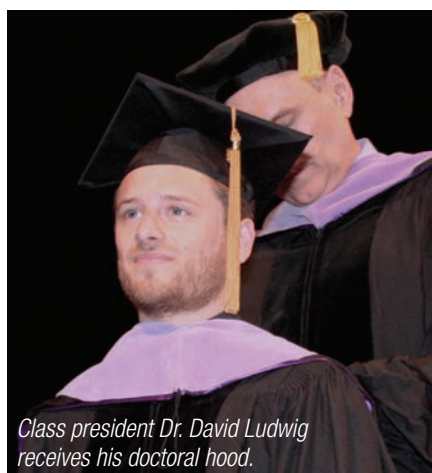


Graduates enjoy their big day

Sixty-eight members of our Class of 2015, including five in the International DDS program, were awarded their DDS degrees on June 6 at Meany Hall on the UW campus.

Keynote speaker Dr. John Wataha, our Associate Dean for Information Management and Quality Improvement, shared excerpts from his own dental student diary, kept during his time at Oregon Health & Science University. He traced his own uncertainties and frustrations, but noted that “these were short-term problems.”

“You will take what you have earned



Class president Dr. David Ludwig receives his doctoral hood.

and learned and use it to grow,” he told the graduates, adding: “Success is not the flashy stuff, the external standards of success. The best measures of success are more about internal standards: the quality of your heart, of your soul, of your relationships with family and friends and patients, your integrity and compassion.”

Dean Joel Berg welcomed the graduates, their families and their friends, while Class President David Ludwig also spoke.

Members of the Class of 1965, who were celebrating their 50-year reunion, were special guests. ■



Members of the Class of 1965 returned to share the celebration.

FALL 2015

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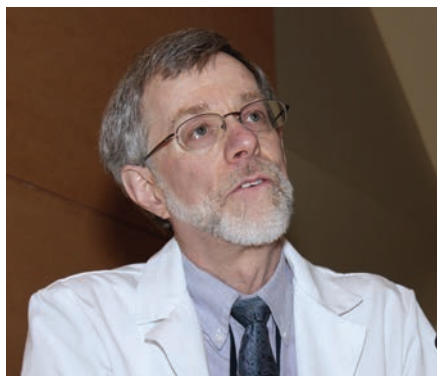
13

Class of 2017 dons clinical coats

The students of our Class of 2017 celebrated the start of their careers as clinicians on June 27 during our annual White Coat Ceremony sponsored by our Dental Alumni Association.

The ceremony, which had been held in August in previous years, was moved up this year to reflect the early start of the new third-year clerkship system of clinical rotations. (See cover story on Page 28.)

Dean Joel Berg and Dr. Mark Drangsholt ('84), Chair of Oral Medicine, welcomed students to the ceremony, while faculty members presenting



Dr. John Wataha

the clinical coats included Dr. David Dean, Dr. Sami Dogan, Dr. William McHugh, Dr. Dolphine Oda, Dr. Douglas Verhoef and Dr. Hai Zhang.

Delivering the keynote remarks, Associate Dean Dr. John Wataha told the students that ethical issues would be their real long-term challenge and focused on four major themes:

- “Learn not to judge your patients too quickly or harshly. You will likely have an incomplete story about those patients. ... Your job is to facilitate health – and put judgment on the sidelines as much as you can.”
- “Learn to adapt and grow from the errors you will make. ... Ignoring errors leads to other errors, and the bigger the errors, the bigger the consequences. ... Honest self-evaluation is your only path to clinical excellence.”
- “Grab every chance to do the right thing. ... Avoid the pitfall of convincing yourself that the most expensive treatment is really the best thing for your patient. ... Being a skilled technical dentist is not good enough. You have to

be a good person too.”

- “There are no second chances to be excellent, so start today. Time is precious – make the most of it.”

He concluded: “These four things are the most important to your success as a clinician – and as a person.”

The ceremony ended with students repeating a pledge of professionalism and excellence. ■



Spencer Face sports his new coat and a big smile.



Dr. Avina Paranjpe (Endo '09, third from right) of our Endodontics faculty joins the five International DDS students receiving their clinical coats. From left: Preet Taneja, Corina Marcus, Simranjeet Dhaliwal, Sugandh Relan and Indhya Padinjara.

Dr. Edmond Bedrossian named 2015-16 Wands Fellow

Dr. Edmond Bedrossian, a first-year resident at our School of Dentistry, has received the 2015-16 David H. Wands Fellowship in Graduate Prosthodontics.

Dr. Bedrossian, who received his DDS from the Arthur A. Dugoni School of Dentistry at the University of the Pacific in San Francisco in 2015, is the ninth recipient of the \$10,000 award at the UW, with four fellowships awarded earlier at the University of Maryland. Dr. Wands (Pros '72), a member of the Graduate Prosthodontics faculty at the UW for 22 years, launched the award endowment to support and inspire recipients to pursue an academic career, either full or part time, in prosthodontics education.

"If we don't have teachers in the dental school, then we don't have graduates. It's that simple," Dr. Wands has said.

Dr. Bedrossian, whose father is an oral and maxillofacial surgeon in San Francisco and also teaches at the Dugoni School of Dentistry, welcomes the prospect of teaching. Not only does he consider his father a role model, but as a pre-doctoral student, he was impressed by his teachers' patience and was inspired to tutor younger dental students.

Dr. Bedrossian, a Bay Area native, received a degree in biology from the University of San Francisco in 2009. He then pursued post-baccalaureate studies in human anatomy, endocrinology, molecular biology, physiology, and medical microbiology at the University of California at Berkeley. He also

learned some of the basics of his future specialty while working in a dental laboratory.

He had thought about practicing general dentistry, studying periodontics or following his father's footsteps into oral and maxillofacial surgery, but his father actually encouraged him to consider prosthodontics, in part because of the specialty's growing emphasis on implantology.

"I like that prosthodontics isn't just dentures and crown-and-bridge these days," he says. A devoted sports fan who also played lacrosse, football, basketball and soccer in high school, he says there is far more to prosthodontics than meets the casual eye, much as in golf: "It's not just hitting the ball in the hole – there's tempo, mechanics, keeping your eye on the ball, fluidity and reading the greens."

Dr. Bedrossian says, "I chose [the UW] program because of the strength of its treatment planning." He says he was also impressed by the history and legacy of the UW program and its ties to such well-known prosthodontics educators as Dr. John Kois (Pros '82) and Dr. Frank Spear ('79, Pros '85).

The program's close working relationship with the UW Graduate Periodontics program also counted strongly in its favor, he says.

Dr. Wands taught in our Department of Prosthodontics for 22 years, attaining the rank of Clinical Professor. He originally established the fellowship in 1994 at the University of Maryland, where he received his DDS with hon-

ors in 1967, to offer financial assistance to those interested in academic dentistry. In 1998, he launched a similar fellowship at the UW with a \$500,000 commitment.

In addition to endowing the fellowship, Dr. Wands is a member of the UW School of Dentistry Dean's



Dr. David H. Wands

Club and was instrumental in forming the UW Graduate Prosthodontic Alumni Association. In 1999, he was honored by the Dean's Club with its highest

award, Honorary Lifetime Member. He is a Life Member of the Academy of Prosthodontics and Pacific Coast Society for Prosthodontics.

Now retired from private practice in Olympia, Wash., he is an avid saltwater and freshwater fisherman as well as a master gardener. ■



Dr. Edmond Bedrossian

Former Wands Fellow wins major Pros award

Dr. Sharareh Tajbakhsh (Grad Pros '11), the 2008-09 Wands Fellow, was chosen to receive the 2014 Judson C. Hickey Scientific Writing Award,

in the research category.



Dr. Tajbakhsh's article, "Selection patterns of dietary foods in edentulous participants rehabilitated

with maxillary complete dentures opposed by mandibular implant-supported prostheses: A multicenter longitudinal assessment," was chosen for the prestigious award. It was published in the October 2013 issue of the *Journal of Prosthetic Dentistry*.

Dr. Tajbakhsh is now a prosthodontist practicing in Cupertino, Calif.

School bestows academic honors, scholarships

A new scholarship honoring the memory of the late Dr. William P. "Mitch" Hungate ('78), who died in an avalanche in the Cascades in 2013 (see Page 11 for related story), highlighted our School's annual Honors and Awards ceremony on June 5.

Awards included memorial scholarships supported by family and friends; scholarships from organizations and corporations; scholarships from faculty, staff and students; and scholarships from alumni.

The ceremony also included research awards, departmental awards, achievement awards, recognition of faculty and staff, and service appreciation. ■



Dr. David Minahan ('75) presents Maurice J. Hickey Scholarships, established by our Dental Alumni Association, to (from left) Eddie Tran, Tom Mirchel, Armani Mendoza, Vien Nguyen and Sohaib Soliman.



Yelena Chuvashova receives the Bryan and Linda Edgar Scholarship from Associate Dean Susan Coldwell.



Incoming first-year student Nicole Coder receives the Washington Dental Service Foundation's Dr. Burton H. Goodman Presidential Scholarship from the Foundation's Cindy Snyder and Dean Joel Berg.



At the Honors and Awards ceremony, Dean Berg joins recipients of the Dental Alumni Association scholarships (from left): Alex Stanton, David Shin, Danielle Peterson, Sarah McDonald, Jose Mendoza, Nguyen Nguyen, Rica Mackert and Caroline Olsen.

Dr. Glen Johnson retires from Restorative Dentistry

Dr. Glen Johnson ('78), a mainstay of our Department of Restorative Dentistry for 35 years who also served as Acting Chair for 18 months in 2006-07, retired in June as Professor of Restorative Dentistry.

Dr. Johnson, who received a BS in mechanical engineering and an MS in bioengineering from the UW, spent six years as an engineer before pursuing a DDS at the UW. He also earned an MS in dental materials at the University of Michigan. He joined our Department of Prosthodontics as a part-time instructor from 1977 to



Dr. Glen Johnson celebrates his Rothwell Award with Dr. Mark Drangsholt ('84) and Dr. Patricia Rothwell ('84) of the selection committee in 2013.

1980, then served as a Restorative Dentistry lecturer in 1980-81, and then became a full-time faculty member in 1983.

He was honored for his teaching in 2013 with the Bruce R. Rothwell Award for Teaching Excellence, our School's highest faculty honor, and was also honored as Outstanding Instructor by several individual pre-doctoral student classes. He also received the Washington State Dental Association Faculty Award in 2011.

Dr. Johnson has also compiled a distinguished record in dental materials research, focusing on laboratory and clinical

evaluation of new restorative materials and techniques. He has published more than 60 scientific articles in peer-reviewed journals, and gave numerous presentations at scientific and professional meetings over his career.

"Glen Johnson has been one of our most valued Restorative faculty members for decades, and his Rothwell Award is just one indication of his superb teaching abilities," said Dean Joel Berg. "We will miss his presence enormously."

After receiving his DDS, Dr. Johnson practiced privately in Olympia. After teaching at the UW part time, he moved to qualify for a full-time tenure-track position by pursuing advanced studies in dental materials at the University of Michigan, then began his full-time career at the UW in 1983.

Dr. Johnson, a native of Naselle in southwest Washington state, and his wife, Susan, hope to spend as much time as possible in his hometown. She is a retired reading specialist for the Lake Washington School District, and the couple has three married children and six grandchildren. ■

Dr. Truelove is WDSF Distinguished Professor

Dr. Edmond Truelove, who chaired our Department of Oral Medicine for 38 years before stepping down in 2010, has been named the Washington Dental Service Foundation Distinguished Professor at the School of Dentistry, Dean Joel Berg has announced.

The professorship was established in 1988 with a major grant from the Foundation to improve the quality of dental health, education and scientific knowledge for the benefit of the public and dental community. Funding provided by the Foundation was matched by the State of Washington.

Dr. Truelove's symposium will be held May 13-14, 2016, at the Westin Hotel in Bellevue, Wash., with a working title of "The Current State of Diagnostics and Risk Assessment in Dental Practice and Near-Term Future Directions," he said.

Dr. Truelove said that he had already lined up the following speakers for the

symposium:

- Dr. Michael Glickman: overview
- Dr. Joel Berg: Caries diagnostics and risk assessment
- Dr. Gary Armitage: Periodontal diagnostics and risk assessment
- Dr. Tom Hart: Genetic diagnostics
- Dr. Axel Ruprecht of the University of Iowa, a specialist in oral and maxillofacial radiology
- Dr. Richard Orbach: Behavioral diagnostics

Dr. Truelove also plans to deliver a presentation at the symposium on either pain diagnosis or mucosa disease diagnosis. Commitments from two other speakers are also pending.

Dr. Truelove, who remains active on the School of Dentistry faculty, left the department chair to devote more time to teaching, patient care and research. When he stepped down, he had set a record for longest tenure as a UW department chair. ■



DECOD celebrates 40 years — and a big gift



Dr. Princy Rekhi presents a gift from the Seattle-King County Dental Foundation to Dean Joel Berg to cover the cost of a new mobile radiography unit for DECOD.

who firmly established DECOD's presence as a national leader in special-needs dentistry, was honored for her service.

The evening was also highlighted by the presentation of a check for \$23,754.11 by the Seattle-King County Dental Foundation for a new mobile radiography machine for DECOD. Dr. Princy Rekhi, representing the Foundation, presented the gift to Dean Joel Berg to the applause of the delighted crowd.

"Seattle King County Dental Foundation's donation of funds for imaging equipment has made a big difference for our patients at DECOD," Dr. Kimberly Espinoza, DECOD director, said. "Many of our patients are not able to complete a traditional panoramic radiograph, due to a movement disorder or other reasons related to their disability. Thanks to the Foundation, extraoral imaging via a lateral oblique technique is now an important part of the radiology services DECOD is able to offer. Thank you to Seattle-King County Dental Foundation for helping our patients and our program!" ■

Dental faculty, staff, patients and friends of our Dental Education in Care of Persons with Disabilities (DECOD) program gathered at Seattle's Hotel Deca on May 12 to celebrate four decades of this indispensable clin-

ical and professional education program. (DECOD was featured as the cover story in the Spring 2015 issue of the *Dental Alumni News*.)

Dr. Doris Stiefel ('54), DECOD's program director from 1975 to 1994,

Dr. Doris Stiefel



Distinguished guests included Jodi Green, president of the University of Washington Foundation Board, chatting here with Dean Berg.



Endo celebrates new endowment

Our Department of Endodontics had much to celebrate during the American Association of Endodontists (AAE) annual meetings in Seattle in May: a major new faculty endowment that created the department's first endowed professorship and first endowed faculty fellowship.

At a School of Dentistry reception during the meetings, the AAE Foundation announced a \$100,000 contribution that put fund-raising efforts over the \$500,000 threshold for an endowment. Dr. Patrick Taylor ('88 Endo), our Dean's Club Board of Trustees president, spearheaded the successful campaign that the AAE Foundation helped to reach its goal.

The endowment honors Dr. Robert Oswald and Dr. David Pitts (Endo '77), two former department chairs and longtime mainstays of our Endodontics faculty.

Dr. Oswald chaired the department from 1981 to 1989 after serving on the faculty since 1974, and remained on part-time faculty until 2007, eventually becoming Clinical Professor Emeritus. Dr. Pitts succeeded Dr. Oswald as chair and served in that position until 1992. He continued to serve on faculty until retiring as Associate Professor



Dr. David Pitts joins Dr. Natasha Flake (left) and Dr. Avina Paranjpe, the new endowment's beneficiaries.

Emeritus in 2009.

Dr. Natasha Flake (Endo '07), Associate Professor, was named the first recipient of the Robert J. Oswald and David L. Pitts Endowed Professorship in Endodontics, and Dr. Avina Paranjpe (Endo '09), Associate Professor, was named the first recipient of the Faculty Fellowship for Excellence in Endodontics.

Alumnus Dr. Patrick Taylor (Endo '88), president of our Dean's Club Board of Trustees, led the endowment fund-raising campaign, which netted \$400,000 from donors before the AAE's contribution.

"The support for the Department of Endodontics has been great – largely from alumni, but also from non-alumni

in the area and our national organization's Foundation for Endodontics," Dr. Taylor said.

"The AAE Foundation has been supporting education and research in a major way since 1995. We were fortunate to receive their \$100,000 matching grant that put us over the top in our goal to name two educator endowments – a professorship for Dr. Flake and a fellowship for Dr. Paranjpe. We can all be proud of the effort and stature that these individuals bring to the University."

Dr. Taylor said that the fund-raising campaign continues, with an initial goal of upgrading the faculty fellowship to a professorship. ■

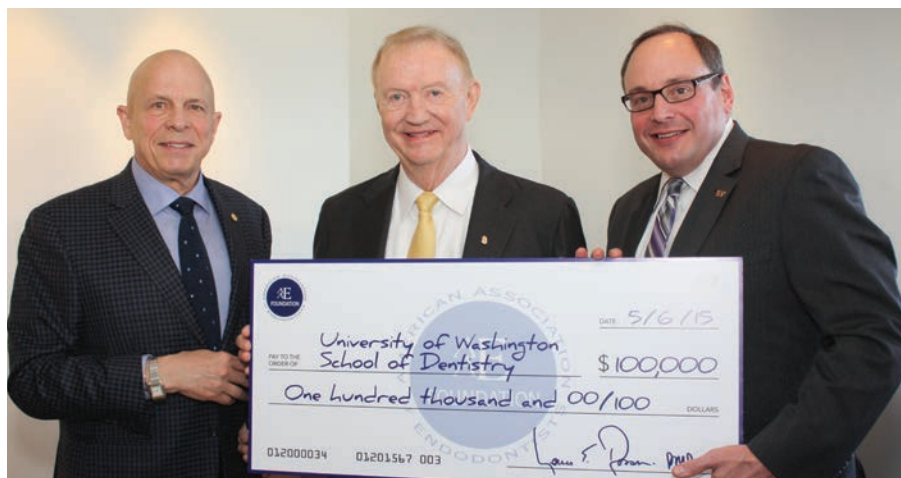
Dr. Flake earns national honor

Dr. Natasha Flake has received the 2016 Edward M. Osetek Educator Award from the American Association of Endodontists.

This marks the second national dental faculty award for Dr. Flake, who in 2010 received the American Dental Education Association Junior Faculty Award. The Osetek award is given to a faculty member with less than 10 years' experience who is held in exceptional regard by students and colleagues; has produced students who have had an impact on endodontics; and is frequently invited to lecture or make presentations at other educational or research institutions.

In December, Dr. Flake also received our School of Dentistry's highest teaching honor, the Bruce R. Rothwell Distinguished Teaching Award.

"I could not be prouder of Dr. Flake, and I know that Dr. Osetek would have been proud to have her receive this award," said Dr. James Johnson, our Chair of Endodontics. The late Dr. Osetek was his mentor and program director during his endodontics residency at Northwestern University. ■



Dr. Louis Rossman (left), president of the AAE Foundation, presents a check for \$100,000 to Dr. James Johnson (center), our Chair of Endodontics, and Dean Joel Berg.

Drs. Anderson, Parrish honored at Dean's Club dinner

Dr. H. Sam Anderson ('51) received the Dean's Club 2015 Honorary Lifetime Member Award and Dr. Jeffrey L. Parrish ('79) received the 2015 Distinguished Alumnus Award during the 31st annual Dean's Club dinner on April 25.

Dr. Anderson, who also received the Distinguished Alumnus Award in 1985, was honored for his extensive record of service to the School of Dentistry, including decades of teaching. He was the second president of the UW Dental Alumni Association and has served as his class's representative on the Association's board for more than 60 years. Joining the faculty in 1953, he taught in the departments of Prosthodontics and Restorative Dentistry and took an active role in dental study clubs.

A Navy veteran of World War II, Dr. Anderson practiced in Seattle's Ballard neighborhood for 43 years. His involvement in organized dentistry includes the presidency of the Washington chapter



Dr. Carrie York ('91, GPR '92) presents the 2015 Distinguished Alumnus Award to Dr. Jeffrey Parrish ('79).

of the Academy of General Dentistry, which he also served as regional vice president and national delegate.

Dr. Parrish has been known for years as one of the Northwest's leading dental humanitarians. He has conducted dozens of his own missions to Haiti and other areas of desperate need and also has recruited colleagues and students to humanitarian outreach.

Now retired from his practice in Kirkland, he continues his humanitarian activities. In October 2014, he served as dental co-director of the four-day King County clinic in Seattle, which provided free dental services to more than 3,400 Puget Sound residents. He and clinic co-director Dr. Michael Karr ('80) worked

for months before the event to recruit dozens of volunteer dentists for what proved to be an extraordinarily successful public-health outreach. The two dentists have teamed up again to organize the dental component of this year's clinic, which takes place in October.

Two members of the Class of 2015 were honored: David Ludwig with the Johnny N. Johnson Student Leadership Award and Halee Hyatt with the Jack E. Nichols Student Leadership Award.

The dinner was held for the first time at Chihuly Garden and Glass at Seattle

Center, with its spectacular installations providing a striking backdrop for the event. The attendees were entertained by jazz singer Gail Pettis, who practiced dentistry for 15 years before turning to a career in music. ■



Dr. Dexter Barnes ('69) joins Dr. Sam Anderson ('51) after presenting him the 2015 Dean's Club Honorary Lifetime Member Award.



Class of 2015 student honorees David Ludwig and Halee Hyatt



George Englund, committee chair of the Business Partners program, and his wife, Carolyn



Dr. Bertha Berriga



UW Vice President of University Advancement Connie Kravas and her husband, Gus



Dean Joel Berg and Dr. Don Raleigh ('50)



WSDA President Dr. Greg Ogata ('92) and his wife, Pon



Dr. Susan Hollinsworth ('78)



Dr. Jim Sledge ('79) and his wife, Salli



Dr. Thomas Dodson and his wife, Ellen



Dr. Jason Bourne ('01) and his wife, Danica



From left: Frances Taylor, Dr. Jim McGraw (Endo '69), Wendy Spektor, Madline Harrington and Dr. Gerry Harrington (Endo '69)

Inclusionary efforts affirmed at Partners in Diversity dinner

Saying, “We want to create a culture that respects different backgrounds and perspectives,” Dean Joel Berg reaffirmed our School’s commitment to diversity at the annual Partners in Diversity dinner on May 16 at the UW’s Conibear Shell House.

Dean Berg named Dr. Sid Gallegos (’81) to lead a task force that will seek out ways in which the School can increase its efforts to foster diversity and send recommendations to the Dean.

“I want to deliver on this in a way that’s measureable,” the Dean said.

Those attending the dinner heard a moving account from Dr. Crystal Vargas (’13), who as a student in 2011 received the first Partners in Diversity Scholarship. Dr. Vargas, who now practices in Lakewood, Wash., told of a hardship-filled childhood during which she spent a year living in a cabin in the woods that lacked electricity or running water. By the time she graduated from high school, she had attended 17 different schools.

The first in her family to graduate

from high school, she enlisted in the U.S. Air Force, where she trained as a dental assistant and then became a dental lab technician.

“The day I got my [dental school]



Dr. Crystal Vargas (’13) recounts her hardship-laden path to dental school and the impact of her Partners in Diversity Scholarship.

acceptance letter was one of the best days of my life,” she said.

Her Partners in Diversity scholarship had a major impact, she said. “Every penny counts when cost is such a large burden to bear.”

Dr. Bea Gandara of Oral Medicine, who directs our Office of Educational Partnerships and Diversity, underlined the importance of a diverse student body, saying, “It’s important to the community to see familiar faces – and friendly faces. And it’s important for students to see role models.”

The evening’s major sponsors were Washington Dental Service Foundation; Burkhart Dental Supply, Inc.; Guardian Dental; Pacific Continental Bank; SEA-MAR Community Health Centers; and the Yakima Valley Farm Workers Clinic. Their support allowed all proceeds from the dinner to go to the Partners in Diversity Endowed Scholarship Fund.

Additional gifts allowed Student Ambassadors for Diversity to attend the dinner. These donors were Patty Doyle (Dental Hygiene ’65); Brett Doyle (’75) and Susan Fidler; Dr. James McGraw (Endo ’69); SEA-MAR Community Health Centers; Dr. Patrick (Endo ’88) and Frances Taylor; and Dr. David (Ortho ’66) and Judy Turpin. ■



Monique Luu (left) and Sarah McDonald of our Class of 2017



Dr. Micah Nicholson (’13)

ARCS Foundation Fellowships awarded to Dr. An, Dr. Baldwin

Our School of Dentistry's DDS/PhD program received a major boost with the award of its first two fellowships from the ARCS Foundation this year.

Dr. Jonathan An and Dr. Michael Baldwin, both DDS graduates with the Class of 2015, received the \$17,500



Dr. Jonathan An ('15)

ter have grown from \$1,000 in 1978 to \$907,500 in 2015 and now support 155 PhD candidates in UW and WSU departments ranging from pathobiology to global animal health.

In a letter of thanks to the Seattle chapter when the School was made eligible for the fellowships, Dean Joel

Berg wrote: "I would like to especially thank you for not only recognizing the importance of oral health research, but for seeing the unique nature of the DDS/PhD program. Beyond

the eventual impact these student researchers will have on the science guiding our profession, they will also be engaged with instructional faculty and pre-doctoral students on a daily basis and thereby have an immediate influence on the way all our students learn about the interplay of basic sciences, bioinformatics, materials bioengineering, and clinical trials."

Dean Berg added, "Now, having ARCS Foundation Fellowships available, we will be better able to position

our school as the first choice for top-of-the-field PhD candidates.

These junior researchers will be invaluable for us as we strive to remain a regional, national, and international research resource for improving oral and craniofacial health." ■



Dr. Michael Baldwin ('15)

Plaque for Ernest M. Jones lecturer



Dr. Dexter Barnes ('69, left), chair of the speaker selection committee, and Dean Joel Berg present featured speaker Karen Baker with a plaque of recognition during a break in the annual Ernest M. Jones Memorial Lectureship on March 27. Baker, a clinical pharmacist and member of the University of Iowa dental faculty, lectured on new drug-related problems in dental practice and offered practical management solutions.

The ARCS Foundation was begun in California in 1958 by a group of women volunteers concerned about the future of science education and leadership in America, in part because of the challenge posed by the Soviet Union's launch of its Sputnik satellite the year before.

Since then, the national Foundation has grown to 1,500 members and has given more than 14,000 scholar awards at 55 U.S. universities, for a total of nearly \$82 million in fellowships. A Seattle chapter was founded in 1978, originally to benefit scholars at the University of Washington, and added Washington State University scholar recipients in 2000.

Since its founding, the Seattle chapter's donations to the UW have exceeded \$10 million, earning the chapter UW Presidential Laureate status. Annual donations by the chap-

152 children receive care at Dental Home Day

More than 150 Seattle-area children received fully subsidized dental care that will continue for a full year during Dental Home Day on May 20 at our UW Center for Pediatric Dentistry.

"It was beyond our wildest dreams," said Dr. Rebecca Slayton, the Center's director and Chair of Pediatric Dentistry. "Some of these kids had never been to a dentist before, or not for quite a while." It was rewarding to see so many children obtain care that they otherwise might not have received, she said.

The event was hosted by the Center in partnership with the American Academy of Pediatric Dentistry (AAPD) through its foundation, which is called Healthy Smiles, Healthy Children. This marked the AAPD's third Dental Home Day, which is held in conjunction with the group's annual meetings, which took place in Seattle this year. The event is held to emphasize the importance of a dental home for children.

More than 60 AAPD volunteer dentists joined the event, helping guide patients through the clinic and answer questions. For children who were not fully covered by Medicaid or other insurance, the cost was covered by Healthy Smiles, Healthy Children with \$30,000 in grants funded by sponsor Sunstar Americas, Inc.

"It was better than we could have hoped. The number of kids served

"Some of these kids had never been to a dentist before, or not for quite a while."

—Dr. Rebecca Slayton



Harry the Husky and Blitz huddle up with Dr. Rebecca Slayton and patient Yabets Hailemariam, 8, of Shoreline.

here surpassed by far the number for the first two years we did this," said Paul Amundsen, AAPD senior director of development, at the event. "I couldn't be more grateful for the planning and organization by the Center for Pediatric Dentistry staff." The final patient tally was 152, according to the Center.

Dr. Slayton added, "It was amazing, just extremely well organized." She singled out the Center's outreach and marketing manager, Wendy Cone

Dore, and faculty member Dr. Elizabeth Palmer for their planning, and thanked the other members of the Center's faculty, plus dental residents and staff, for their efforts.

The young patients and their families clearly enjoyed the festive setting, which included appearances by sports mascots Blitz of the Seahawks, Mariner Moose and Harry the Husky, as well as Dr. Health E. Hound of UnitedHealthcare and Captain Amerigroup. Activities also included a free photo booth with costumes, storytelling and balloon animals, and Seattle Mayor Ed Murray visited during the morning and toured the Center.

Bray Hayden of Seattle brought her 14-month-old son, Beckett, for his first dental visit.

"We heard about it at his pediatrician's office, and we thought it was time," she said. Children were invited to the event through the Center's referral sources, including pediatricians, social service agencies and schools. Some patients came in substantial batches.

"Quite a crew you have there," said Dr. Slayton as she greeted Latu Huakau of Sea-Tac, who brought five of her eight children to the Center – the second group of five children to arrive within 10 minutes that morning.

The day also featured the presentation of the Center's first Barrier Buster social work awards, recognizing efforts to break down barriers to children's dental care. The two recipients were Paratransit of Bremerton and Seattle King County Public Health Outreach. ■

The day also featured the presentation of the Center's first Barrier Buster social work awards, recognizing efforts to break down barriers to children's dental care. The two recipients were Paratransit of Bremerton and Seattle King County Public Health Outreach. ■

Calling all craniums!

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. Dave Movius ('69) Bob Campbell ('69) Tim Wandell ('75), John Perrodin ('53), Mike Fey ('75, Ortho '78) and Larry McGinness ('76) have contributed skulls.

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.



"Every one of the skulls was used by dental students this summer," Dr. Herring said. "We really needed them with the new curriculum."

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

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

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

'58 alum featured in Seattle monthly

Dr. Al Adams ('58) was featured in the February issue of *Blue City Monthly*, a Seattle publication, which chronicled a strong interest in salmon that has spanned nearly his entire life.

That interest led him to create his own salmon hatchery at the home he and his wife, Edee, built on Lake Washington in 1970. That turned out to be illegal, but the state relented and allowed him to keep the hatchery as an educational endeavor. He continued his efforts to preserve and protect salmon habitat after moving to the Hood Canal in 1986, and eventually was inducted into the Wild Salmon Hall of Fame.

Dr. Adams' interest also branched into art. He carved numerous works in wood, including a salmon totem as well as other wildlife. In 2002, he had several of his salmon carvings cast in bronze, and gave one to the Elwha Tribe, which now displays it at its Tribal Visitors Center near Port Angeles, Wash.

To read the full story by Elizabeth Griffin, go online to www.bluecitymonthly.com/. ■

ANNA TAYLOR/BLUE CITY MONTHLY



Dr. Al Adams created this bronze sculpture, cast from a cedar carving, titled *The Dance*.

OKU inducts members, awards scholarships

Rising third-year student David Shin received the Dr. William S. Kramer Award of Excellence from the University of Washington chapter of Omicron Kappa Upsilon, the national dental honor society, at the chapter's annual banquet in May.

The award recognizes scholarship, character and potential promise for advancing dentistry and serving humanity.

At the banquet, Dr. Pollene Speed-McIntyre of the Department of Restorative Dentistry received faculty membership, while honorary membership was bestowed on Dr. Richard Darveau, Chair of the Department of Periodontics.

Graduating fourth-year students inducted into the society were Neal Bastian, Garrett Gentling, Zachariah Hennager,



Dr. Pollene Speed-McIntyre



Dr. Frank Roberts (left) and Dr. Art DiMarco (right) join new honorary faculty member Dr. Richard Darveau.

Halee Hyatt, Cameron Lasley, Kathryn Parker and Brigitte Woods.

OKU scholarship awards went to Bradley Cox and Chelsea Momany of the Class of 2016, David Shin and Michael Siew of the Class of 2017, and Paul Krzeszowski and Ripp Cristel of the Class of 2018. ■

faculty updates



Dr. Ariel Raigrodski of Restorative Dentistry was elected to serve as one of two assistant editors for the *Journal of Prosthetic Dentistry*. In addition, Dr. Raigrodski's new book, *Soft Tissue Management: The Restorative Perspective – Putting Concepts into Practice*, has been issued by Quintessence Publishing. The volume outlines how to manage the soft tissue in a practical manner, whether providing patients with tooth-borne or implant-supported restorations.



Dr. Dan Chan, Chair of Restorative Dentistry, co-authored an article on nanotechnology and the development of contemporary composite materials in the summer issue of the *Journal of Cosmetic Dentistry* (Vol. 31, Issue 2). The article reviewed antibacterial strategies using current nanotechnology to combat recurrent caries, with primary focus on gold-titanate nanoparticles. Dr. Chan's co-authors for the journal article were Dr. Trinuch Eiampongpaiboon of Mahidol University in Bangkok and Dr. Shuli Deng of Zhejiang University in Hangzhou, China.



Dr. Penelope Leggott of Pediatric Dentistry was elected president-elect of the College of Diplomates of the American Board of Pediatric Dentistry. She is principal investigator of a federal Health Resources and Services Administration grant to create an MCH Center for Leadership Training in Pediatric Dentistry (with a concurrent degree MPH/MSD track and a Leadership in Pediatric Dentistry track), which will prepare pediatric dentists to become leaders in education, policy, health administration, research, advocacy and public service.



Dr. Kimberly Espinoza of Oral Medicine, director of the DECOD program, will represent the National Academy of Practice in Dentistry on its Public Policy Committee and as a reviewer for its new *Journal of Interprofessional Education & Practice*. The quarterly, peer-reviewed journal focuses on interprofessional health-care topics, including education, practice, policy and research.



Dr. David Turpin, Moore-Riedel Professor of Orthodontics, received the Albert H. Ketcham Memorial Award, the highest honor bestowed by the American Board of Orthodontics, in May during the 2015 Annual Session of the American Association of Orthodontists in San Francisco. The

annual award, created in 1936 to commemorate an orthodontics pioneer, recognizes those who have made a notable contribution in the field.



Dr. Charles Bolender, Professor Emeritus of Prosthodontics and former Chair of the Department of Prosthodontics, received the 2015 Distinguished Service Award from the Academy of Prosthodontics during its annual meetings in Austin, Texas, in April. The award recognizes outstanding achievements in the field and exemplary service to the Academy.



Dr. Wendy Mouradian, former Associate Dean for Regional and Interprofessional Affairs and now Professor Emeritus, received the American Association of Public Health Dentistry's 2015 Public Service Award in April. Dr. Mouradian was recognized for her contributions toward championing interprofessional education and initiatives between medicine and dentistry to improve the public's health.



Dr. Richard Darveau, Chair of Periodontics, lectured on "Periodontal Health Is Just as Complicated as Disease" during a visit to several Japanese universities from July 6 to July 22 as a Fellow of the Japan Society of Science Fellowship for Research. Dr. Darveau discussed the discovery of the "keystone" hypothesis for disease, for which he received a Gies Award in 2014, and also described the role of oral commensal bacteria in shaping oral health. Dr. Darveau was also keynote speaker at the Japan Society of Biofilm Meeting in Gamagori.

Dr. Ana Lucia Seminario of Pediatric Dentistry and **Dr. Frank Roberts** of Periodontics, director of the RIDE program, were accepted into the American Dental Education Association Leadership Institute Class of 2016 and began their yearlong training in March.



Jonny Chambers was appointed Director of Information Technology in March, coming to our School from Microsoft, where he was Mobility Sales Director for U.S. Education. Before that, he was Interim Executive Director of Finance and Administration for the UW School of Nursing, where he had also been Director of Information Technology. His experience with Microsoft also included a stint as Director of Cloud Strategy for Education.

DR. PATRICK TAYLOR

The man of the rare free moment

Dr. Patrick Taylor (Endo '88), it would seem, has an allergy to free time. How else would you explain this endodontist's daunting array of commitments? The list looks like it could stretch out of his Bellevue practice's door and wrap around the block.

There's organized dentistry: Past president of the Seattle-King County Dental Society and a former executive council member. Two terms in the Washington State Dental Association (WSDA) House of Delegates. Past president of the Washington State Association of Endodontists and current treasurer of the American Association of Endodontists (AAE). A director and past president of the American Board of Endodontists examining body.

There's our School of Dentistry: President of the Dean's Club Board of Trustees. Member of the Partners in Diversity Committee. Leader of a successful fund-raising campaign for an endowment that created our Department of Endodontics' first endowed professorship and also an endowed faculty fellowship (See Page 19). Affiliate faculty member.

There's the community: Bellevue Rotary Club president for 2014-15. King County Library Foundation president. And there's activity that spans more than one of these categories, such as volunteering for the big King County Clinic at Key Arena last October.

"I just can't say no," he says with a laugh. "The big umbrella is community involvement. You have to support the things you love."

Dr. Taylor – "Rick" to those who know him – says he's had good role models in pursuing a life of service. His parents were always active in the community, and he's also been inspired by the example of mentors, colleagues and friends like Dr. James McGraw (Endo '69) and Dr. Gerald Harrington (Endo '69). They encouraged him and had a great influence on him, he says, and he also notes the conducive environment of his home state.

"There's a culture of giving that Washington is very good

at," he says. "It's healthy for the community and it's personally healthy."

Dr. Taylor's service has also extended to his country, whose uniform he wore for 21 years as a Navy dentist. The Navy funded his residency at our School, and he went on to fill leadership roles as a Navy clinic director and executive officer with stops in the Philippines, Italy, Virginia, California, Hawaii and Chicago.

His residency left him with a desire to repay the help he received from faculty members, and he does so by teaching.

"One reason I came back to teaching is that I so much enjoyed the contribution of affiliate faculty when I was a resident here," he says. He also taught at Northwestern University's now-defunct dental school and at the University of California at San Francisco, where he received his DDS in 1977, but he has enjoyed the UW experience most of all.

"They didn't have the community support that our School does," he says.

He also derived a great deal of satisfaction from last fall's King County Clinic, which delivered much-needed care to more than 3,400 Puget Sound residents over four days. There he led the endodontics unit, where the pace was beyond brisk.

"I did more root canals in that one day than I'd done [in a single day] in years," he says. "You're exhausted at the end of the day. It's not standing around for six hours."

Somehow, in addition to all this and maintaining his practice, he and his wife, Frances – who serves on the board of the Bellevue Art Museum – have found the time to raise two children: Kate, a teacher, and Brian, a Navy pediatrician. And he does manage to carve out a little leisure time for favorite activities such as hiking and cooking (he's a fan of the slow-food movement).

Not too much time, though. While a prior commitment will preclude his attending the next King County Clinic this fall, he's still coordinating the recruitment of volunteers for the endodontics unit. He plans to seek another term in the WSDA House of Delegates. He hopes continue his work with AAE governance, and he wants to continue raising funds for that Endo endowment in hopes of turning the faculty fellowship into a professorship.

"It makes you a better person, and healthier, to have projects going," he says – which makes Dr. Taylor one of the healthiest people around. ■



UW SOD

THE LAUNCH OF THIRD-YEAR CLERKSHIPS SIGNALS THE NEWEST PHASE OF OUR SCHOOL'S TRANSFORMATION

It's one of those shimmering late-June Monday mornings in Seattle that blissfully blot out the memory of winter's gloom and drizzle. A few fleecy clouds float through an azure sky while sailboats glide serenely through the Montlake Cut behind the School of Dentistry. This is a day that's expressly designed for lounging, for recreation, for fun.

Inside our School's D-1 Simulation Lab, however, it doesn't look like any summer vacation you've ever imagined. A few minutes ago, third-year students had been clustering outside in Gunner's Hallway, sipping coffee and munching on muffins and scones. Now they're seated at their octagonal clusters

as Dr. Dan Chan, Chair of Restorative Dentistry, settles them down from the podium.

"OK, class," he says with a broad smile. "Get ready to be enlightened."

In short order, the students plunge into lecture presentations by several faculty members: critical thinking, evidence-based medicine, radiology, MiPACS imaging, caries risk assessment, fluoride and sealants, tobacco cessation, problem-oriented medical records, communication with parents, and behavior management in children. That's just one day. And the rest of the week will be equally jam-packed.

Welcome to Clerkship Boot Camp!

A SWEEPING REINVENTION

This one-week "camp" kicked off the new system of third-year clerkship clinical rotations. Beyond that, however, it represents the most tangible manifestation yet of the School's sweeping reinvention – a reinvention that began shortly after Dean Joel Berg took over in August 2012.

At that time, Dean Berg said that the School had to make big moves to reflect the changes in professional dentistry – technology and biomaterials, more emphasis on prevention, more team-based care, a trend toward medical management of patients, the rise of corporate practice, advances in biogenetics and more.

"If we want to be a true leader, we should be looking at what we need to do to create the dentist of 2025," he said. He also named task forces to study and recommend changes to the School's organization, operations, curriculum and clinical systems. And curriculum and clinical training would be paramount in the School's reinvention.

The new curriculum would no longer be organized simply



Dean Joel Berg lectures the new third-year students.

\$2.3M Delta Dental gift bolsters School

In another major boost for the School of Dentistry's transformation, Delta Dental of Washington has announced a gift of \$2.3 million in support of Dean Joel Berg's Dentist of the Future initiative.

This marks the third and biggest gift by Delta Dental for the initiative, for a total of \$5.4 million since the end of 2012. Since 1987, Delta Dental of Washington and its Washington Dental Service Foundation have given the School a combined total of nearly \$16 million, making them by far the School's largest and most consistent supporter.

"I am thrilled and grateful to have Delta Dental of Washington's support for our Dentist of the Future initiative," Dean Berg said. "Their support has been absolutely essential to our transformation."

Delta Dental's Dentist of the Future gifts have underwritten the addition of several key leadership and staff positions needed to undertake the initiative, which includes the new third-year clerkship program and fourth-year general practice model. Delta Dental's funding has also supported the work of the task forces that Dean Berg appointed and charged with evaluating the School's administrative operations, organization, curriculum and clinical systems.

"What has made Delta Dental's support so critical is that it allowed us to implement a unified vision for transforming our School rather than doing it piecemeal over a long time, which was not feasible," Dean Berg said. "Our initiative has so many interrelated components that this was the only way we could proceed."

The Dentist of the Future initiative has also included a comprehensive curriculum revision that places even greater emphasis on evidence-based instruction and interprofessional education. It incorporates advances in science and technology and reflects emerging trends in dental practice and the integration of oral health into overall health. It also includes a restructuring of the School's administrative operations to promote greater efficiency and utilize modern lean-management business techniques.

"I am delighted that Delta Dental shares our vision for the Dentist of the Future, which will help us remain a national leader in dental education," Dean Berg said.

"At Delta Dental, we strongly support Dean Berg and his compelling vision for the future of dental education and what dentistry can be," Jim Dwyer, president and chief executive officer of Delta Dental of Washington, said at the time of the initial gift in 2012. "We believe his plan will help ensure that the people of Washington will continue to receive the highest standard of patient care, and we fully share that goal."

Over nearly 30 years, Delta Dental of Washington's support has underwritten advances in oral health research and interprofessional education, expanded community outreach, provided scholarships for under-represented minorities and met critical needs for UW dental students. Delta Dental and the WDS Foundation have supported every department in the School and established five major endowments to support faculty, students and programs. ■

around dental specialties. Instead, it would use a framework of "threads" that better reflected the core competencies of modern general dentistry while encompassing those specialties:

- 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
- Dental and maxillofacial surgery

The new curriculum would emphasize evidence-based dentistry more strongly than ever. It would integrate classroom and clinic more closely. It would employ teaching techniques such as "flipping the classroom" – making students more active learners. It would employ metrics that gauged student progress clearly at every step along the way. It would make greater use of interprofessional education at a public university renowned for its research and the quality of its health sciences instruction.

It would provide students with a clinical experience intended to exceed any in the School's history – through third-year clerkships and a fourth-year general practice model designed to emulate private practice as closely as possible. And after more

than two years of painstaking study and planning, it was time to put the plan into practice.

MORE INTENSIVE FOCUS

Right away, you notice a difference in the D-2 pre-doctoral clinic, home base for the clerkships. In late spring, new glass partitions were installed to denote the different rotations: prosthodontics and periodontics, endodontics, pediatric dentistry and orthodontics, diagnosis and treatment planning, operative dentistry, oral medicine, and oral and maxillofacial surgery. Each clerkship runs for six or 12 weeks.

The differences with the old system, though, go far deeper.

“The biggest change is that students are focusing intensely on one or two disciplines at a time, rather than having a little bit of exposure to multiple disciplines as they start their clinical experiences,” says Dr. Natasha Flake of Endodontics, who is directing the clerkship program.

“They also are no longer scheduling their own patient appointments, putting the focus more on the clinical dentistry and less on managing their patient pool,” she says.

Another big difference is that the students are now clustered in small groups for their clerkships, with their time much more closely structured. That makes it harder for a student to slip under the radar and fall behind.

Also, as Dr. Flake notes, the progress and clinical experiences of the students now depend less on the patient pool assigned to them – and those students’ ability and motivation to manage those patients.

“We’ll see more time spent on patient care, as well as a closer connection between clinical seminars and clinical activity.”

—Dean Joel Berg

“We’ll see more time spent on patient care, as well as a closer connection between clinical seminars and clinical activity,” Dean Berg adds.

The clerkships have driven much of the curricular revision, especially for first- and second-year students. At the same time, that curriculum has been refocused in significant ways, according to Dr. Sara Gordon, Associate Dean for Academic Affairs.

“The biomedical science curriculum is being reorganized to integrate different fields of study into the study of one organ system at a time,” she says. “For example, when the students study the heart, they will learn about its anatomy, histology, biochemistry, physiology, pathology, and all other aspects of heart health and disease together. This will

greatly enhance their understanding.

“In the dental clerkships, there will be a similar type of integration. The students will learn all of the theory of each dental specialty at the same time as they see patients under the careful supervision of specialists in that field.”

Students also will see a change in the sequencing of material. “Some material that was previously taught between years two and three, or in year three, had to be moved into the first two years,” Dr. Flake says. “For example, the implant course was moved into spring quarter of second year so that students had covered this material before starting the clerkships. The Boot Camp was created to give students information that they would need prior to entering the clerkships that was not necessarily covered in years one and two. The didactic courses that were previously taught in year three have been rolled into the clerkships.”

As for the greater emphasis on “active learning,” that doesn’t mean the end of the traditional lecture. But having students become more than passive recipients of instruction offers important benefits.

“Active learning techniques have been shown to result in a much greater amount of student comprehension, as well as a longer retention of new knowledge,” Dr. Gordon says.

Implementing the clerkships has presented a formidable challenge. The new system, with a need for faculty to cover multiple small groups more intensively, places significant demands on faculty and staff. Dr. Flake explains further:

“Material that faculty may have previously covered in a one-hour lecture once per year in third year now needs to be covered either four or eight times per year – depending on the clerkship – and is supposed to be covered in an active learning format. In addition, the clinics are busier, increasing demand



for faculty coverage,” she says.

To meet the need for more patients and procedures, the School moved early in the year to eliminate the requirement that all new comprehensive-care patients go through the three-hour Basic Assessment exam. New pre-doctoral patients are now channeled into the Dental Admissions Clinic, which began operations at the end of October 2014. The new screening clinic was expected to virtually double the pace at which new patients could be shuttled into comprehensive care, with a major reduction in waiting times for appointments. The principal elements of the Basic Assessment, which had required a separate initial patient appointment, have been incorporated into the new one-hour screening visit and the subsequent oral diagnosis and treatment planning visit.

All this represents a lot of moving parts, and School leaders know that a good deal of fine-tuning still lies ahead. Third-year students know it as well, but they applaud the concept.

“I think it’s really great to be able to focus on one or two specialties at time. I feel it has allowed me to really learn in greater detail the process. Currently I’m in the Pros-Perio clerkship, so it has been great with figuring out all the steps in denture-making,” says Roula Cardaras. “It’s also really nice that the front desk does all our scheduling, so all we have to do is show up every day and not spend a lot of our time trying to schedule our patients.”

“I appreciate being able to focus on one aspect of dentistry at a time, especially during third year when my skills are just beginning,” says Jarom Smith. “I think the clerkships help me improve day to day in one area and create a critical mass of learning on a subject for a several weeks.”

Ultimately, the concept isn’t that complicated: Practice, practice, practice. In a recent video about the School’s transformation, Dr. John Sorensen, Associate Dean for Clinics, said, “We learn best when we repeat the procedure over and over and over again, so by the end of that clerkship, those students are highly competent in those individual procedures.”

NEW FOURTH-YEAR MODEL

With the clerkships in place, the next step in the transformation of clinical education will come with the new fourth-year general practice model, which will be phased in during the 2015-16 academic year and should be fully implemented by the fall of 2016.

“The new fourth year will be designed to refine and enhance the students’ clinical skills and scientific knowledge by bridging the gap between the pre-clinical and clerkship training into a general comprehensive practice,” says Dr. Ricardo Schwedhelm, who oversees the new practice model. “The fourth-year clinic will have an emphasis on diagnosis, comprehensive treatment planning and sequencing.” The clinic experience will include restorative, prosthodontic, endodontic and simple oral surgery



Third-year student Mariam Tariri consults with Dr. Natasha Flake, director of the clerkship program.

Affiliate faculty volunteers needed

While students will benefit from significantly higher numbers of patients and procedures during third and fourth year, our School’s new curriculum also imposes greater demands on faculty coverage of clinics. To meet that demand, Dean Joel Berg is asking alumni and other Washington dentists to volunteer as affiliate faculty members if they have not already done so.

The need is especially acute for faculty coverage in the new fourth-year general practice model, the Dean says. However, dentists are also needed to cover the third-year diagnosis and treatment planning clerkship along with the prosthodontics-periodontics clerkship and the operative dentistry clerkship. More dentists are also needed to cover the Dental Urgent Care Clinic and the DECOD special-needs clinic.

While general dentists are sought for the most part, a need also exists for specialists including prosthodontists, periodontists and endodontists.

“This is one of the most exciting times at our School in recent memory,” Dean Berg says. “Joining our affiliate faculty lets you help shape the future of dental education.”

For general information on the application process, dentists are asked to contact Christina Wee at cwee@uw.edu. ■

procedures, he says.

The pace will be much faster. Instead of seeing one or two patients a day and perhaps restoring only one tooth, students may see up to four patients per day and also perform multiple procedures during one appointment. As with the clerkships, students will no longer book their own appointments, and they will gain realistic experience in working with a dental team at a professional tempo.

"This experience will hopefully teach the students to be able to recognize the need for specialty consultation and coordinate the needed treatment in an efficient manner," Dr. Schwedhelm says.

"Ultimately, after full implementation of the clerkships and the fourth-year general practice curriculum, we're expecting that our students will see as much as a 40 percent increase in patient encounters compared to the previous system," Dean Berg says.

While it was still much too early in the clerkships to draw definitive conclusions at this writing, encouraging signs were evident. Less than two months into the Prosthodontics clerkship, for example, students were completing at least five of the eight arches they'll need to graduate. In just six weeks, Prosth-

Learn more in new video

A new video released by our School in early July describes the major changes being implemented in our curriculum and also gives a general overview of the School. Find it on the Alumni & Friends page of our School's website (<https://dental.washington.edu/alumni-friends/>) or go to YouTube and search for UW School of Dentistry. ■

odontics-Periodontics clerkship students all had started on removable-prosthodontics cases and were beginning to move into fixed prosthodontics. And patient visits for third-year students were up nearly 20 percent over the same point in 2014.

"We still have a lot of work to do, but I think we're well on our way now," Dean Berg says. "Once we have all the elements of our new system fully implemented, I think it will be clear that the very best place to get a true 21st-century dental education will be the University of Washington." ■

First-year students get early taste of clinic

First year at our School of Dentistry took on even more interest this summer with the launch of another curricular change: an early clinical immersion program.

During the four-week program, faculty introduced students to the threads of the new curriculum. In various clinics, students briefly covered aspects of practice including head and neck exams, taking histories, taking impressions, fluoride varnish, dental anatomy, charting, ergonomics (including optimal positioning for patient and provider alike) and more. Practicing on one another, they integrated information from the anatomy lab and dental anatomy classes to perform the clinical exercises.

The new program was directed by Diane Daubert of our Periodontics faculty. Dr. James Newman Jr. directed the dental anatomy portion, and Dr. Sue Herring and Dr. Kathy Rafferty instructed the students on head and neck anatomy. Third-year and fourth-year student teaching assistants also participated.

Faculty members said they believed the program was rare if not unique among dental schools. It was

inspired by a similar program adopted by the UW School of Medicine.

The early clinical immersion prompted enthusiastic responses from first-year students.

"On my very first day of dental school, I was in the clinic perio assisting," said Birkin Owart. "Since then, I've assisted in restorative as well as in a geriatric clinic, made an impression and a mouth guard, learned how to perform dental and perio exams, and had rotations in ergonomics, fluoride application, and oral hygiene instruction. I've had clinical experiences in

my first quarter that previous students would have had in their second year, or may not have had at all."

"Having early exposure to head and neck anatomy has given us the necessary foundation we need going into future anatomy and dental classes by allowing us to be aware of the different structures and their functions in the head and neck," said Emily Gimness. "This has been a steep learning curve, but it will have been very helpful going forward to have been immersed in it before our more time-intensive basic sciences curriculum starts." ■



With the help of fourth-year teaching assistant Gibran Hyder (far left), Diane Daubert (Dental Hygiene '82, Oral Biology '09) of our Periodontics faculty introduces first-year students Christine Chen and Michael Tucker to the finer points of chart entries.

DR. SAMI DOGAN *Restorative Dentistry*

A versatile, tireless teacher

There are gruff, tough-as-nails teachers who make students cower. Dr. Sami Dogan takes another approach: friendly, approachable, even-keeled.

All right, maybe he uses just a little intimidation. Third-year student Jeff Wells says you might see Dr. Dogan start off a course with a don't-mess-around-or-else vibe, but it soon gives way to his real style. "He's really very good and very knowledgeable," Wells says. "I think he's great."

And Dr. Dogan's style gets results. Says Dr. Dan Chan, Chair of the Department of Restorative Dentistry: "Dr. Dogan is a very versatile and effective teacher."

Dr. Dogan has another fan in Dean Joel Berg, who says, "I think Sami Dogan was born to teach."

Dr. Dogan is proud of his results, too. As director of Dental Anatomy and Occlusion course for almost nine years, he says, "We were very successful. Our students consistently got top national board scores."

Others say that Dr. Dogan's great value to Restorative Dentistry lies not only in the quality of his teaching, but in the heavy load he takes on without hesitation.

"He is always ready to take on a challenge and steps up to the plate for the Department," Dr. Chan says. "Dr. Dogan has made no small personal sacrifice during summer break to help me with grading the incoming International DDS students for the past five years. I value his input tremendously and rely on him to be the gatekeeper of our proud Restorative tradition."

This year, Dr. Dogan has yielded part of the Dental Anatomy course load – he'll be co-director – to lead the prosthodontics side of the new third-year Pros-Perio clerkship. Just a few weeks into the clerkship, which started in early July after a week of "boot camp," he was pleased with the progress students had made in the new system. All of them had taken on removable-prosthodontics cases, and were starting to delve into fixed prosthodontics as well. In just a short time, they'd already completed five of the eight arches they'll need by graduation. They also will make extensive use of CAD/CAM, with affiliate faculty member Dr. Tim Hess ('94) and Dr. Yen-Wei Chen playing key roles.



"We're learning a lot – it's not just the students," Dr. Dogan says, adding that he relishes the small-group exercises in the new setup.

Shouldering a heavy workload is nothing new for Dr. Dogan, who did so as soon as he joined our School of Dentistry faculty in 2005. (He had already been a Senior Fellow in the Oral Biology program in 2000-2001.) He embarked on a Graduate Prosthodontics residency in 2007 and also carried a full-time teaching load, even though he was officially only part-time. Some nights he'd sleep for only two or three hours.

One thing that kept him going was his enthusiasm for sharing his experience with students. It's not complicated, the way he puts it: "You see it, you do it, you let the other person learn from it."

The Turkish-born Dr. Dogan initially wrestled with a choice between medical school or dental school – his family includes both dentists and physicians. After his first year of dental school at the University of Ankara, he says, he knew he'd made the right choice. "Now I feel lucky

I'm not a physician," he says.

After receiving his DDS in 1991, he went on to the Medical University of Hannover in Germany, where he earned the equivalent of a PhD and also taught. Then Dr. Richard McCoy ('61), at that time our Chair of Restorative Dentistry, recruited him to the UW. Dr. Dogan was especially attracted by our School's reputation for leading-edge research along with strong clinics.

He has been an active researcher, with a keen appreciation for its value in the clinical setting. His current focus is on remineralization – "to heal instead of drill" – working with Dr. Mehmet Sarikaya's team from Materials Science and Engineering at the UW. He's done bench studies and animal studies, and is preparing to move into clinical trials.

Dr. Dogan continues to savor the rewards of practice. "Each patient is different – a challenge, but that challenge is the most exciting thing in our profession," he says. At the end of the day, though, teaching is where the biggest rewards lie.

"The best teachers are the ones who truly love teaching," says Dean Berg. "He's clearly one of those." ■

The History Project

Remembering our School, our people, our times

In 2014, we launched the History Project to capture the memories of our alumni and selected senior or emeritus faculty members. Excerpts from these reminiscences will continue to appear in the Dental Alumni News. To see the full versions, please go online to www.dental.washington.edu and look for the “Class Connections/History Project” link on 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.

Dr. Doris Stiefel, Class of 1954

Editor’s note: *Dr. Doris Stiefel has had a remarkable life and career. Born into a Jewish family in Germany, she was 9 when she escaped the Nazi terror after her family made it to England in 1938. After living in England for 10 years, which included completing two years of dental school, she came to Seattle with her family in 1948 to join relatives here. She became the first woman graduate of the School of Dentistry in 1954, received her master’s degree in oral biology in 1971, and went on to become a leading figure in special-needs dentistry. As director of the Dental Education in Care of Persons with Disabilities (DECOD) program from 1975 to her retirement in 1994, she played a vital role in building DECOD into an internationally recognized center of patient care and professional education. DECOD and Dr. Stiefel’s work with the program were profiled in the Spring 2015 issue of the Dental Alumni News.*



1947 his sister and her husband came and visited from Seattle; they brought us brochures of the beautiful Northwest and Seattle and urged us to make the final move. We debated – I was an only child and I was in the middle of my dental school career. Even if I finished up my degree program in England, I would have to take three more years in the U.S. to qualify to take the boards, so we decided to make the break and take a big chance. We couldn’t turn down the opportunity to come here, but it was not at all certain that I could resume my dental studies here.

The UW dental school was brand new at the time. I had to get sufficient pre-dental certifications and spent five quarters on upper campus to earn enough credits to qualify to apply to dental school here. The extra bit of education didn’t hurt me, because I was really missing the social sciences and liberal arts. In high school in England, all I had taken the last two years was chemistry, physics and biology.

I applied to dental school here at the UW and also to Northwestern. I got the acceptance from Northwestern first. My father was very upset at the thought of his daughter going off to Chicago, and luckily I got accepted here. I remember the interview quite well. It was formidable – all of the faculty lined up on one side of the table, with me on the other. The acceptance rate was about one out of 10 at the time. The common thinking was that a man was more likely than a woman to become a fully contributing member of the profession, and the dental school took a big leap by accepting me.

School of Dentistry challenges: The dental curriculum was challenging and strenuous all around for everybody. The fact that I had already taken some of the basic courses such as anatomy made things a little bit easier for me. Some of the other courses proved more difficult. Biochemistry was on a completely different level than I had had.

I remember all the dental instructors as polite, but some were more encouraging than others, and that shaped my pref-

Early training and the move to America: I started dental school in England at the Royal Dental Hospital (part of the University of London system) in 1946 at the age of 17, because in accordance with the British system one went straight from high school to dental school or other professional school.

Most of my father’s family were in the United States. In

erences and ultimately the direction of my career. During my clinical years I became more interested in periodontology and endodontics. In my class, many of the students were veterans. They were more mature – many were married and had families. Dental school was serious business. It had to be for everyone, if you wanted to survive.

The gender issue: I got engaged the summer before I started dental school. Ernie and I got married after my first quarter – Dec. 23, right in the middle of winter vacation. I had started dental school as Doris Pintus and of course I didn't dare to tell anyone that I was engaged to be married. I would have never gotten in. So I kept it very quiet. Everybody was surprised when I turned up with a wedding ring at the beginning of winter quarter and changed my last name to Stiefel.

Being married, in many ways, made life in dental school much easier. I didn't have to worry about social relationships with the guys, and I was on a par with the large number of my classmates who were married. It helped immensely that I had a very supportive husband. In general, I think it takes a supportive parent or spouse to ease life through dental school. At that time dentistry was a very tough course of study. I don't know what it is like now, but I have a feeling it is probably not as strenuous as it was then. The curricular load the first two years was extremely heavy, and even in the clinical years we spent many an evening in the lab waxing and casting restorations.

Obviously I stood out, and I'm not sure how fully accepted I was. I was somewhat disadvantaged – for one thing, the men had their fraternities, which were very supportive both academically and socially, and those were closed to me. There was never even a thought of accepting a woman. But other than that, the guys for the most part were friendly. The class of '54 was a great class with many high achievers. We sat in alphabetical order, so you got to know the fellows around you in your part of the alphabet, but since my name began with S, those at the beginning of the alphabet I had less contact with.

Being the first female student in the school made for some interesting moments. On the first day, there was consternation: What locker room was

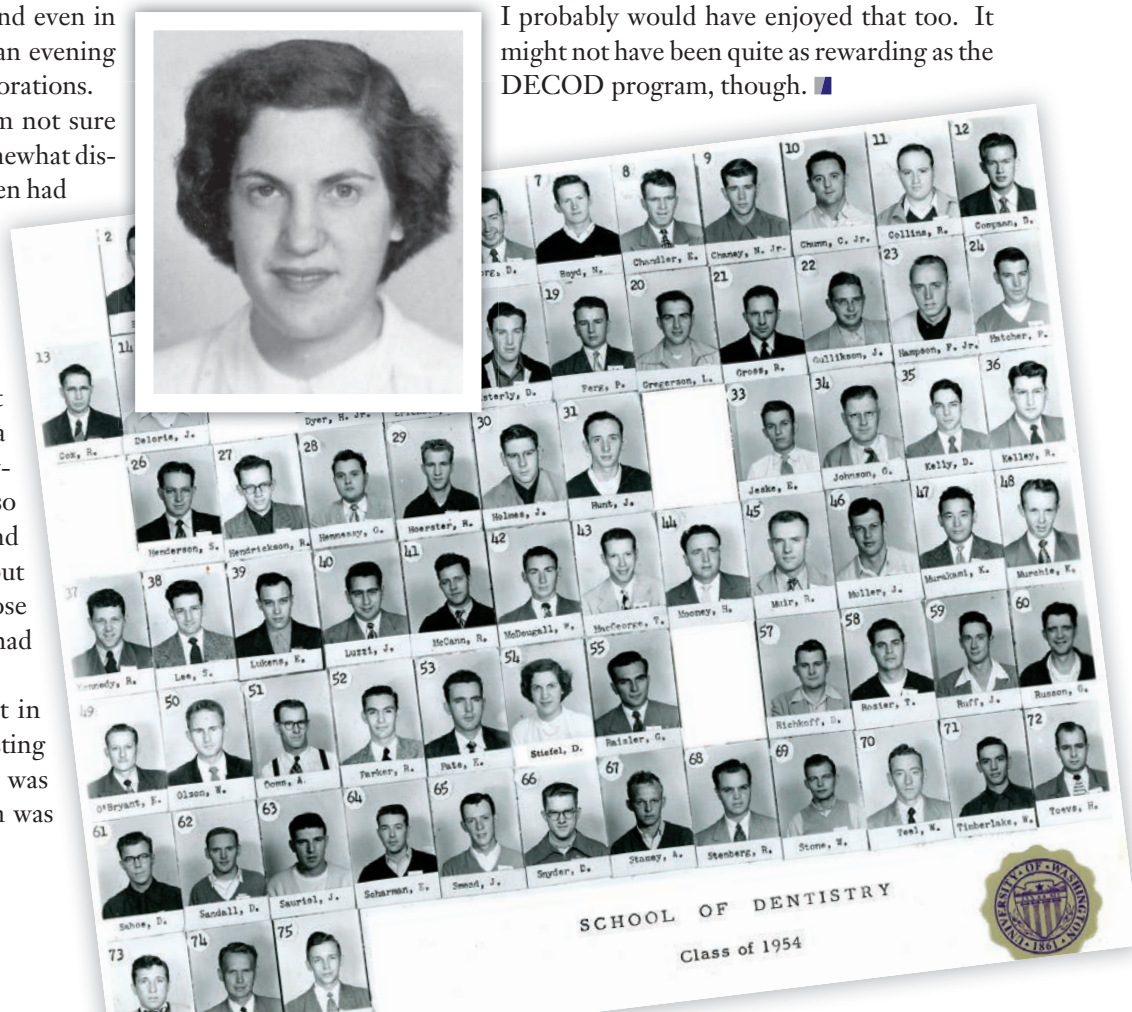
“On the first day, there was consternation: What locker room was I going to use?”

I going to use? Sharing the men's locker room was out of the question, and they didn't know what to do. So they put me with the dental hygienists, which worked out fine. I became friends with several in the first student classes there, and it was a good arrangement. Later, when it came time to begin the clinical part of the curriculum, the question of uniform came up. The faculty apparently felt that the men's barber-style gown was unbecoming for a woman. I'm not quite sure why – because they had a high collar? I think it was Dr. Stibbs who had them design a conservative white jacket with a little Peter Pan collar for me – supposedly a little more feminine.

I don't recall any patient objecting to being treated by a woman student. However, practice opportunities were certainly more limited than they are today. After graduation I felt fortunate to have an associate part-time practice during the years we were starting a family.

I never expected my career to take the direction that it did. I knew that I wanted to get an advanced degree and go into a dental specialty. Oral Biology was welcoming, and research appealed to me. But I missed the clinical contact with patients. Then I became involved with the DE-COD program and switched to the Oral Medicine Department.

It turned out to be an interesting career. If I would have had more encouragement in one of the clinical specialties, I probably would have enjoyed that too. It might not have been quite as rewarding as the DECOD program, though. ■



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Dr. Patricia Rothwell's support embraces past, present and future

Few of our alumni have given more of themselves to our School than Dr. Patricia Rothwell ('84).

After the untimely loss in 2000 of her first husband, Chair of Restorative Dentistry Dr. Bruce Rothwell (GPR '74, Oral Med '77), to kidney cancer at the age of 52, she joined friends and colleagues in establishing an endowment in his memory. That endowment continues to support the annual Bruce R. Rothwell Distinguished Teaching Awards, our School's highest faculty honor.

Her commitment to our School didn't stop there. Now remarried to Dr. Stephen Knaup, she has continued to be a consistent and generous financial supporter. She has also given her time and energy, including a two-year stint as President of our Dean's Club Board of Trustees, and she currently serves on the University of Washington Foundation Board. It hardly comes as a surprise that her desire to give back to the community also includes dental humanitarian trips to Guatemala, Uganda and Nepal.

That's a record in which any alumnus or alumna could take pride. Yet Dr. Rothwell has chosen to take it a step further.

Recently, she made a provision in her will for a planned gift to our School. In a letter to other alumni, she set forth her reasons.

"The dental school played an integral role in forming the person I am today – professionally, but also personally. So many important relationships in my community stem from my association with dentistry. I consider myself very lucky, and I know many of you share these feel-

"It is the time of our lives to give back, and I believe we will step up to being the generous individuals that previous generations have been for our benefit."

ings," she wrote.

"While I do have children to provide for in my estate plans, it was also important to me to acknowledge the importance of helping the dental school financially. I realize that without the enormous generosity of others before us, our educations would not have been possible.

"I believe we always feel too young to think about wills and bequests, but it is important to make sure that we are able to carry on our personal legacy in the way that reflects important aspects of our lives. I also believe that it helps our families deal with decisions at a difficult time, knowing they are following our wishes.

"... It is the time of our lives to give back, and I believe we will step up to being the generous individuals that previous generations have been for our benefit. ... I am hoping that you will do your part to ensure that quality dental education is attainable for future generations."

Said Dean Joel Berg: "One thing that has always set our School apart is the level of support from our alumni, who are so very passionate about this School. Gifts such as Dr. Rothwell's are truly meaningful, and they will play a critical role in letting us continue to be a national leader in dental education." ■



Dr. Patricia Rothwell, with husband Dr. Stephen Knaup at the annual Dean's Club dinner, has consistently devoted her resources, time and energies to our School.

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

Accelerated Tooth Movement with AcceleDent and Aligners: a pilot project

PI: Dr. Greg Huang

The AcceleDent® device has been introduced to the specialty of orthodontics in order to reduce treatment time. The theory behind AcceleDent® is that vibratory forces stimulate cell differentiation and maturation so that the bone remodeling that is necessary for tooth movement will occur more quickly. These findings have been supported by various animal studies on monkeys, rats and rabbits. However, much less is known about the effects of vibration on human tooth movement.

An interesting question is whether the AcceleDent® device would shorten treatment time when used in conjunction with clear aligners, as the clear aligner mode of orthodontic treatment is becoming more popular. There have been anecdotal reports that using the AcceleDent® device with clear aligners may enable patients to change aligners with a one-week regimen (instead of the usual two-week regimen). It has been theorized that in addition to increasing cell turnover rates, use of the AcceleDent® device may help to improve the fit of clear aligners by placing a seating force on the occlusal surface of the aligners. However, there is currently no published literature on the use of the AcceleDent® device with clear aligners, and it is unknown whether the use of the AcceleDent® device in conjunction with aligners can shorten treatment time. Therefore, the purpose of this pilot study is to evaluate whether the AcceleDent® device enables faster orthodontic treatment by allowing patients to change aligners every week, instead of every two weeks. Additionally, for all patients who complete their series of aligners with the one-week change regimen, we will assess the alignment of the incisors. Thus, this study addresses three critical issues regarding the AcceleDent® device: (1) Does the AcceleDent® device increase the rate of tooth movement, allowing patients to progress through their series of aligners more quickly? (2) Assuming that aligners can be changed on a faster schedule, do the teeth move to the desired positions? (3) Quality of life, patient satisfaction, and compliance.

Testing Dental Quality Alliance Measures for Adults Using Administrative Data from Washington, Oregon and Wisconsin

PI: Dr. Donald Chi

The study by investigators from UW and Marquette University involves analyses of Medicaid, commercial, and community health center data from Washington, Oregon and Wisconsin. The objective is to develop and validate three adult dental utilization performance measures focusing on dental visits for adults with periodontal diseases and topical fluoride utilization. The goal is to generate adult dental utilization benchmarks that can be used by state Medicaid programs and commercial dental plans to assess the quality of dental care provided to enrolled clients.

Bisphenol A and Dental Restoration Clinical Study in Children (BPARCS)

PI: Dr. Christy McKinney

Most resin-based composites placed in children contain a derivative of Bisphenol A (BPA) called BPA-glycidyl methacrylate (BisGMA). When BisGMA was developed in 1962, no studies were required by the FDA to evaluate biological toxicity. BPA is a widespread xenoestrogen that may affect brain, endocrine, and reproductive development. National dental organizations maintain the amount of BPA from BisGMA-based dental materials is too small to be relevant to human health. There is scant scientific evidence for or against this assertion. Contrary to this claim, our pilot data and data from the only other prospective study in children show urinary BPA (uBPA) concentrations are a magnitude of two- to six-fold higher post-treatment. Studies show exposure to medical products increase BPA concentrations, yet there are no studies in children that quantify BPA exposure from medical products used in anesthesia (tubes, syringes) for dental treatment. We need to determine the contribution of dental-related BPA exposure to overall BPA load, and distinguish between different sources of dental-related BPA exposure. The aims of this application are to: (1) Quantify the magnitude and duration of BPA exposure resulting from dental treatment; (2) Determine associations between number of BisGMA-based treated surfaces and BPA, overall and by type of material (composites, sealants); and (3) Determine the association between type of anesthesia and BPA. We will measure uBPA concentrations in 210 children 4 to 8 years old receiving BisGMA-based dental materials with different types of sedation at the UW Center for Pediatric Dentistry two times before and four times after treatment from 24 hours to 16 weeks. To ensure we have sufficient numbers of highly exposed children we will employ stratified sampling. We will recruit children who are treated with <4 surfaces (n=105) and ≥4 surfaces (n=105) with BisGMA-based dental materials. Within each of these two groups, we will recruit 35 patients in three groups who receive: (1) no sedation, (2) nitrous oxide; or (3) general anesthesia. We will administer surveys to collect demographic data and data on food security and other sources of BPA. We will measure the height and weight of the child, and collect detailed treatment records. We will conduct the first large study in children to comprehensively examine multiple sources of dental-related BPA exposure. Distinguishing BPA from dental materials and medical products used in anesthesia may enable us to develop interventions to reduce dental-related BPA exposure. By oversampling children receiving treatment on ≥4 surfaces with BisGMA-based dental materials and children receiving GA, we will include high-risk children likely to have high baseline BPA who may receive among the largest amounts of dental-related BPA exposure from materials or anesthesia, and who may be most likely to experience adverse health effects from BPA.

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.

classnotes

■ CLASS OF 1953

Dr. David Moline, Philomath, Ore.: Retired in February 2015 after 62 years of practice, in the private sector and at three universities: LSU, Iowa and Oregon Health & Science (part-time only). I have been truly blessed! Now is the time for winding down – traveling, family, hunting, etc. Where is the rest of the Class of 1953?

■ CLASS OF 1961

Dr. Jim Ellingsen, Hayden Lake, Idaho: So happy to have my granddaughter, Alexa Ellingsen, in the RIDE program and granddaughter Elise starting dental school at the UW in the fall. Still trying to shoot my age in golf.

■ CLASS OF 1963

Dr. Wallace Brown, Salt Lake City, Utah: Recently my wife and I took a trip to Arizona and went through Chinle, Ariz. Our good friend, Jim Menzies, spent time there with the Indian Health Service. We took a bunch of photos. I am sure it has changed greatly since the Menzies were there in '64-'66. Prior to that, we had another great adventure. We flew to Buenos Aires, Argentina, and then north to Iguazu Falls. It was spectacular. Then we boarded a cruise ship and went south to the Falkland Islands, around Cape Horn, and cruised around the Antarctic Peninsula for three days. Then to Ushuaia, Argentina (the southernmost city in the world). Cruised the Beagle Channel, Magellan Straits, and up the Chilean coast to Valparaiso and Santiago. We have now been to all seven continents and added five more countries to our list, now over 50 countries. Great adventure. Life is good here. Our kids came from all over last week for a surprise 80th birthday party for Pat. Best wishes, Wally.



■ CLASS OF 1976



Dr. Bryan Edgar, Federal Way, Wash.: Was elected speaker of the house of the Academy of General Dentistry at the academy's annual meeting, which took place June 18-21 in San Francisco. A member of the AGD since 1977, Dr. Edgar has been involved on both the local and national levels for many years. Dr. Edgar served the Washington AGD as membership chair, secretary, treasurer, vice president, president-elect, and president, and is currently the constituent's legislative chair. Nationally, Dr. Edgar served on the AGD Constitution, Bylaws, and Judicial Affairs Council from 2005 to 2011, and spent six of those years as its chair. As a member of the AGD Investment Committee since 2007, Dr. Edgar helped grow the organization's investments to approximately \$15 million. As a result, a large part of the new AGD Headquarters building in Chicago was paid for with investment earnings. Dr. Edgar served on the AGD Real Estate Transition Task Force from 2007 to 2011, and also previously served on the AGD Board and AGD Budget and Finance Committee from 1996 to 1999.



■ CLASS OF 1980

Dr. Ross Fraker, Seattle: Enjoying retirement from active patient care since December 2010, but lend a hand when needed to Dr. Sarah Fraker ('98). Ross and Deanna are still very involved with the Amalgam Separator business and display The Amalgam Collector at several local, state and national meetings a year. Ross was very involved

at the beginning of 2015 helping the EPA transform their proposed national mandate into a dentist-friendly document as much as possible.

■ CLASS OF 1982

Dr. Michael Lawr, Montesano, Wash.: My daughter, Sara Lawr, graduates from the UW School of Dentistry this Spring.

■ CLASS OF 1990

Dr. Jay Morrow, Phoenix, Ariz.: This was a busy year for me. I have been a full-time Assistant Professor at Midwestern University College of Dental Medicine in Glendale, Ariz., for the last six years. This spring I was promoted to Associate Professor, and on July 1 I was appointed to the position of Associate Dean for Preclinical Education. My twin sons are entering their sophomore year at Arizona State University (fortunately they are still big Husky and Seahawk fans), and my daughter will be in her senior year of high school. In my new position I do not get to lecture as much, but am still involved with research, and fortunately I have a lot of student contact, which is the part I enjoy most. Bill Brachvogel, Steve Haub, Radd Lukas and Greg Schuster all work with me here. It is almost UW South. If you come to Phoenix, be sure to call!

■ CLASS OF 1998

Dr. Raoul Santos, Oak Harbor, Wash.: Cmdr. Raoul H. Santos is currently serving as Staff Orthodontist at the U.S. Naval Hospital in Yokosuka, Japan.

■ CLASS OF 1999

Dr. Nhi Pham, Mukilteo, Wash.: I had an amazing dental mission trip to Haiti with Medical Relief International this past March. We're looking for some more dental alumni, so show some Husky fever in

Haiti next spring. Check out www.medicalreliefinternational.org and get ready to join our dental party overseas.



■ CLASS OF 2014

Dr. Jean-Paul Banh, Auburn, Wash.: Since graduating, I started a private dental practice in Auburn (Pacific NW Dentistry). It has been challenging but a rewarding endeavor. The best part of running my own practice is that I can treat my patients the way I believe they should be treated without worrying about meeting quotas.

Dr. Dallas Easter, Yakima, Wash.: Married Smitha George on Aug. 16, 2014 at Chambers Bay Golf Course. Currently working full time in community health at Yakima Neighborhood Health Services in Yakima, Wash. Thanks, Rumble!



reunions



The Class of 1959 got together at the UW's Waterfront Activities Center.



The spouses enjoyed the festivities.



Dr. Ken Morrison ('52 Restorative Dentistry), former Chair of Restorative Dentistry, joined the gathering.



Bruce Albright and Edward Sutter

■ CLASS OF 1959

The Class of 1959 held its 55-year reunion on Oct. 7, 2014 at the Waterfront Activities Center on the UW campus.

■ CLASS OF 1965

The dental class of 1965 celebrated their 50th year since graduation on June 5-6. On Friday evening, June 5, about 15 members and wives had dinner at the Seattle Yacht Club. A PowerPoint presentation by Marty Anderson gave the members a glimpse into their past and a look

at the present school with its modern facilities. On Saturday morning the class took a tour of the dental school and had a brief meeting with our Dean, Joel Berg. Dean Berg gave an update on the new clerkship curriculum that is presently being developed and implemented with the goal to produce the best dentist of the future. On Saturday afternoon the class attended the Hooding Ceremony of the Class of 2015 in Meany Hall. They were introduced by Dean Berg to much applause. After the Hooding Ceremony the class met for lunch and further socializing at the old Northlake tavern ... pizza and beer! Great fun was had by all.





Dental Hygiene alums gathered at Dean Hickey's bust before touring the School on Aug. 7: (from left) Arlee Grow Volz, Patricia Merrin Teltoft, Patricia Doyle, Julie McWhorter Dodson, Sandy Blessing Nimmer, Caren Strange Toney and Pauline Potter Phillips.

■ DENTAL HYGIENE CLASS OF 1965

The UW Dental Hygiene Class of 1965 celebrated its 50th anniversary with a luncheon at Horizon House on Aug. 7. Eleven of the class's 18 members were in attendance, including two from California and one from Wyoming. Guests included the dental hygienist daughter of one classmate and Patty Doyle's mother, who resides at Horizon House. The day began with seven classmates taking a tour of the School of Dentistry led by Randy Newquist, Director of Dental Alumni Services, and his colleague Maria Tran. Three classmates also visited Dr. Martha H. Fales, who was Chair of Dental Hygiene in 1965. The class was a tight knit-group, this being our eighth reunion since graduation. The dental hygiene program was like a private girls school, not only preparing students for a career but for life. The class of 1965 shared personal and professional successes and looks forward to the next reunion.

■ CLASS OF 1975

The Class of 1975 held their 40th reunion on June 12 at the Bellevue Hyatt Regency Hotel. A great evening of conversation and camaraderie was enjoyed by all of the 49 class members and spouses in attendance. The recollection of many memorable anecdotes from our dental school days elicited many laughs and smiles. A great deal of pride in their UW degree was expressed by those classmates in attendance. The class of 1975 has been very active in academia, community service, and the leadership of organized dentistry. With



an ever-increasing number of retirees as well as a number of members of the class with no imminent plans to hang up their hand piece, it was heartwarming as each of the classmates "shared the microphone" in updating us on their activities. While we missed spending some time with those classmates who couldn't attend, everyone was looking forward to another gathering of the class.

■ CLASS OF 1985

Our hearts were warmed and our spirits lifted at our 30th reunion. We started the evening with a tour of the dental school, with its new configuration and updated technology. Vivian Bennett arranged



for us to have the dinner event at the UW Faculty Club, complete with a view of Mount Rainier. Candace Chinn and Patti Kashiwa meticulously put together a poignant slide show with music that walked us through the four years we shared together. Dave Chuljian hosted a blog to facilitate sharing of family photos, and to update each other on events in our lives post dental school, above and beyond the short time the evening provided. A big thank-you to many other classmates who worked to make this event successful. Much gratitude to Randy Newquist, Director of Dental Alumni Services, for enabling the event, and to Dean Joel Berg for his video visit. Special thanks to LaRae Vanderschelden for her tireless efforts as class representative the past 23 years. – *Shirley Locke*

■ GRADUATE PROSTHODONTICS

This year's Graduate Prosthodontics alumni dinner was held in Chicago on Feb. 27.



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. ROLLIN L. HURD CLASS OF 1952

Dr. Rollin Lawrence Hurd of Kirkland, Wash., died on March 31, 2015. He was 89. Dr. Hurd, who practiced in Kirkland for 40 years, was also a combat medic with the U.S. Army 42nd "Rainbow" Division in Europe during World War II. He also authored four books.

DR. JAMES W. RUFF CLASS OF 1954

Dr. James Warren Ruff of Quilcene, Wash., died on July 16, 2015. He was 90. Dr. Ruff practiced dentistry in Seattle for 25 years before retiring to Quilcene. As a member of the U.S. Army 133rd Infantry Regiment, 34th Division in World War II, he received the Silver Star medal.



DR. ROBERT F. JORGENSEN CLASS OF 1958

Dr. Robert Firth "Bob" Jorgensen of Bellevue, Wash., passed away at home on May 17, 2015. He was 88. After receiving his dental degree from the UW, where as an undergraduate he lettered in basketball and baseball in all four years, he began dental practice in Bellevue in 1958. He served in the U.S. Army Air Force in World War II, entering the service after his first quarter at the UW.

DR. VANCE F. BINGHAM CLASS OF 1960

Dr. Vance Frederick Bingham of Port Angeles, Wash., died on March 25, 2015. He was 86. After serving for two years in the U.S. Navy and then working briefly in the family auto parts business in Alaska, he and his wife returned to Seattle as he began his dental studies at the University of Washington. He retired in 2008 after 48 years in practice in Port Angeles.



DR. KENNETH J. MCLEAN CLASS OF 1960

Kenneth J. "Doc" McLean of Bellevue, Wash., passed away peacefully at his home on March 29, 2015, after a battle with cancer. He was 82. He practiced for 56 years in Bellevue and taught at the UW School of Dentistry, as well as in Italy and Germany. In addition, he volunteered as a dental humanitarian in Seattle and in Hawaii and Kenya. He was a veteran of the Korean War and was honored by the South Korean government for his service.

DR. RALPH B. CULVER CLASS OF 1962 PEDIATRIC DENTISTRY CLASS OF 1968

Dr. Ralph Buhl Culver of Palm Springs, Calif. died on March 21, 2015, from complications of an earlier stroke. He was 78. He practiced pediatric dentistry in Renton, Wash., until 2008, and had also practiced for two years at Hadassah Hospital in Jerusalem. He served with the U.S. Army in France for two years.



DR. WALTER B. HALL PERIODONTICS CLASS OF 1962

Dr. Walter Burnell Hall of Tiburon, Calif., who chaired the UW Department of Periodontics from 1969 to 1972, died on Nov. 30, 2014. He was 83. Dr. Hall also taught at Oregon

Health & Science University. He left the UW in 1972 to become Chair of Periodontics at the University of the Pacific, serving in that post until 1995. He published four textbooks in eight languages and numerous journal articles. His research interests focused on pure muco-gingival problems, and he lectured around the world. A director of the Pacific Foundation for Dental Research and consultant for the Journal of the California Dental Association, he was also active in the American Academy of Periodontology.

DR. JAMES F. MCCALLUM CLASS OF 1966

Dr. James F. McCallum of Bellingham, Wash., died in April 2015 after a brief illness. He was 75. After serving in the U.S. Army Air Force in Europe, he purchased the practice of a retiring dentist in Bellingham, where he practiced for 36 years, and also taught at the UW School of Dentistry and the University of British Columbia. He was a member of the Robert L. Bruna dental study club for more than 40 years.



DR. DENNIS A. GALE CLASS OF 1974

Dr. Dennis Arthur Gale of Bellingham, Wash., died on Oct. 7, 2014. He was 66. He practiced in Bellingham for 33 years before retiring in 2008 after receiving a diagnosis of Parkinson's disease.



DR. REBECCA L. GOLL ENDODONTICS CLASS OF 1981

Dr. Rebecca Lynn Goll of Seattle passed away on Jan. 14, 2015 after a long struggle with a degenerative neurological condition. She was 63. She earned her DMD at the University of Pennsylvania before obtaining her endodontics certification at the University of Washington, where she was only the second woman to do so. She served as a captain in the U.S. Air Force for three years before coming to the UW. After the birth of her son, she left private dental practice to pursue creative endeavors, which included singing, piano, violin, and writing fiction and poetry.



DR. ERIC T. MOLDVER CLASS OF 1996

Dr. Eric T. Moldver of Bellingham died on Aug. 9, 2015, after being struck by a falling boulder while hiking in North Cascades National Park on his birthday. He was 46. After serving in the U.S. Air Force Dental Corps for three years, he practiced at the Interfaith Community Health Center in Bellingham. He was also an affiliate faculty member in the UW Department of Pediatric Dentistry.

BEQUESTS

Remembering the School of Dentistry in your Will

A charitable bequest is a gift to a charity made at death through a will or trust. You can make a bequest of any size, and direct the gift to support the purpose or program at the University of Washington School of Dentistry that is most important to you.

For information, please contact Glenn West at 206-543-6017 or gwest@uw.edu.

SPOTLIGHT COURSE

■ FRIDAY, NOV. 13

CE1522: WISHA-OSHA Compliance for the Dental Office & CDC Guidelines for Infection Control

This comprehensive class, presented in partnership with the Washington State Dental Hygienists' Association, provides the information necessary to complete the annual training requirement for your entire dental team.

DESCRIPTION: Training will primarily focus on OSHA regulations with an in-depth review of the CDC Guidelines for Infection Control in the dental health-care setting. Several other important regulatory rules and guidelines will also be discussed.

This course will enable you to understand:

- All the WISHA/OSHA standards that apply to dentistry and how to implement them.
- The required written safety plans, training, monitoring, materials, devices and documentation
- The new Globally Harmonized Hazardous Communication Rule
- The Blood-Borne Pathogen Standard requirements, including transmission of disease, exposure control methods, hepatitis B vaccine, post-exposure protocols, and record-keeping
- The CDC Guidelines for Infection Control in the dental health-care setting and the essentials of the CDC standard precautions
- Hand hygiene, immunizations, tuberculosis prevention, medical conditions with work restrictions, instrument processing, sterilization monitoring, surface disinfection, laser usage, and dental unit waterline management



INSTRUCTOR: Samuel Barry, DMD, is a Field Sales Consultant with Henry Schein Dental. In 2006 he was certified by Health Professions Training Consultants, Inc. as an OSHA trainer and has presented more than 200 classes on WISHA/OSHA compliance, blood-borne pathogens, and infection control. He is a member of the Organization for Safety Asepsis and Prevention, the American Academy of Oral Systemic Health, the American Dental Association, the Oregon Dental Association, and the Eastern Oregon Dental Society. In 1982 he received his DMD from Oregon Health & Science University and then maintained a private general dental practice in Pendleton, Ore., for 15 years.

LOCATION: Shoreline Conference Center, Shoreline Room, 18560 1st Ave. NE, Shoreline, Wash.

TIMES: Registration and Continental breakfast: 8 - 8:30 a.m.

Course: 8:30 a.m. - 4:30 p.m.

TUITION (includes lunch):

Early Bird through Oct. 2:

\$250/Dentist

\$150/RDH ADHA Member

\$175/RDH Non-ADHA Member

\$125/Other Staff Members

After Oct. 2

\$275/Dentist

\$175/RDH ADHA Member

\$200/RDH Non-ADHA Member

\$150/Other Staff Members

Special offer: Bring your entire office clinical staff (minimum of four) and receive a 20 percent discount until Oct. 2. To receive this discount, please call 425-771-3201.

CREDITS: 7

REGISTER: Go online to <http://wsdha.com> or call 425-771-3201.

■ FRIDAY, OCT. 2

CE1510: Clinical Oral Pathology: Fifty Oral Lesions Every Dental Practitioner Should Know

Dolphine Oda, BDS, MS
Shoreline Conference Center
7 credits

■ SATURDAY, OCT. 10

CE1511: Better Medicine, Better Dentistry

Mark Donaldson, BSP, PharmD, FASHP, FACHE
Room D-209, UW Health Sciences Center
7 credits

■ FRIDAY, OCT. 16

CE1513: Legal and Accounting Issues in Today's Dental Office

Ann Durham, JD, and Tim Proctor, CPA
Embassy Suites Hotel, Bellevue, Wash.
7 credits

■ FRIDAY, OCT. 23

CE1515: Direct and Indirect Restorative Update: What Should I Be Using Today?

Gregory Gillespie, DDS
Washington Tahoma Auditorium, Tacoma, Wash.
7 credits

■ THURSDAY, OCT. 29

CE1517: HIPAA-High Tech Made Easy

Marcus Bing, IT Expert
Room D-209, UW Health Sciences Center
Also online as a webinar
3 credits

■ FRIDAY, OCT. 30

From Gums to Guts: Periodontal Medicine and New Developments

Mark Ryder, DDS
Emerald Queen Conference Center, Fife, Wash.
Course offered with Seattle-King and Pierce County Dental Societies
7 credits

■ THURSDAY, NOV. 19

Implant Systems Study Club, Evening 1

Kit Steen, DDS, MD; Jennifer Emerson, DDS; Robert LeBeau and the Straumann Implant System
Room D-209, UW Health Sciences Center
Course offered with the Washington Academy of General Dentistry
Also online as a webinar
3 credits in person; 2 credits for webinar

■ SATURDAY, NOV. 21

CE1525: Fear and Loathing in the Dental Chair - Using Psychology, Local Anesthesia, Nitrous and Conscious Sedation

Tar-Chee Aw, DDS, MS and Fred Quarnstrom, DDS, FADSA, FAGD, FICD, FACD, CDC
Room D-209, UW Health Sciences Center
Also online as a webinar
7 credits

■ THURSDAY, JAN. 28

Implant Systems Study Club, Evening 2

Patricia Kelly DDS, MD; Jennifer Emerson, DDS; Robert LeBeau and the Nobel Biocare Implant System
Room D-209, UW Health Sciences Center
Course offered with the Washington Academy of General Dentistry
Also online as a webinar
3 credits in person; 2 credits for webinar

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

FRIDAY, SEPT. 25

Dental Research Day
8:15 a.m. – 12:30 p.m.

Lectures in Room T-625, UW Health Sciences Center, followed by poster presentations in Health Sciences lobby on 3rd floor

Keynote address: *Think Regenerative for Dental and Craniofacial Reconstruction —It's Coming!*

Buddy Ratner, PhD

SATURDAY, SEPT. 26

Dental Alumni Football Brunch

Time: TBD

I Wing Rotunda, UW Health Sciences Center

Game: UW vs. California

Time: TBD

THURSDAY, OCT. 8

Fifth Anniversary Celebration
4:30 – 7 p.m.

UW Center for Pediatric Dentistry
Magnuson Park, Seattle

THURSDAY, OCT. 15

Mentor Reception

Time: 6 – 8:30 p.m.

Don James Center at Husky Stadium

MONDAY, OCT. 26

Dental Alumni Full Board Meeting
6:30 – 8:30 p.m.

Washington Athletic Club, Seattle

SATURDAY, NOV. 7

ADA School of Dentistry Reception
5 – 7:00 p.m.

Marriott Marquis Hotel, Salon 14
Washington, D.C.

***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>***