

SPRING 2014

THE UNIVERSITY OF WASHINGTON DENTAL ALUMNI ASSOCIATION VOL. 40, NO. 1

# Dental Alumni news

## FIXING TEETH, TOUCHING HEARTS

Our alumni bring  
much-needed care  
to other nations



### MEASURE OF PROGRESS

*Key faculty appointment  
for IT, metrics and quality*

### DENTAL ACTION DAY

*Olympia legislators  
hear from students*

### FACULTY STARS

*Drs. Beirne, Johnson  
earn Rothwell Awards*





# UW DENTAL ALUMNI FUN IN THE FALL!

Join your classmates for two exciting events — perfect opportunities to gather a team for the golf tournament or to gather a group for the football brunch and game against Arizona State.

## **UW DENTAL ALUMNI GOLF TOURNAMENT**

**Friday, Sept. 5, 2014**

Tee time: 12 noon  
Chambers Bay Golf Course  
6320 Grandview Drive West  
University Place, WA 98467

Four-person scramble format, shotgun start  
\$149 per person (four people per team)  
Cost includes greens fees and prizes

**Co-sponsored by Pierce County Dental Society**

*All are welcome to participate!*

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

**Saturday, Oct. 25, 2014**

**UW Huskies vs. Arizona State University  
Sun Devils**

**Game and brunch:** \$85 per person

**Brunch only:** \$30 per person

**Parking pass:** \$25 per car

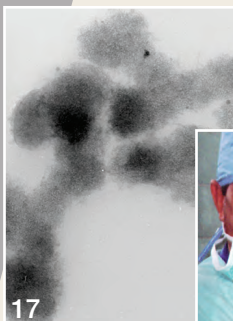
**Brunch:** 10 a.m., I Wing Rotunda, UW Health  
Sciences Center

**Game:** 12:30 p.m., Husky Stadium

*Brunch and game times subject to change*

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





## NEWS

- 9 A measured step for Dr. Wataha**  
Dr. John Wataha will become an Associate Dean to oversee the critical areas of information technology, quality improvement, metrics and evaluation
- 10 Celebrating our top teachers**  
Dr. Glen Johnson and Dr. O. Ross Beirne receive Bruce R. Rothwell Distinguished Teaching Awards
- 12 Honoring excellence**  
Dr. Vincent G. Kokich and Dr. Gerald W. Harrington will be recognized at this year's Dean's Club annual dinner on April 26
- 14 Selling points**  
Dr. Lou Shuman, a dental internet marketing expert, will give this year's Ernest M. Jones Memorial Lecture on March 28
- 17 Germbusters**  
A group of faculty members patents a new titanium-based method to fight bacteria

## FEATURES

- 30 Cover story: Fixing teeth, touching hearts**  
Our alumni volunteers take on demanding and even dangerous challenges to deliver desperately needed dental care around the world
- 36 Fast track to the future**  
The School's DDS/PhD program, a magnet for some of our brightest students, is on the leading edge of dentistry and science

## ALSO IN THIS ISSUE

- |   |   |
|---|---|
| <b>5 Alumni President's Message</b><br>Looking back and ahead with satisfaction | <b>41 Business Partners</b>                 |
| <b>7 The Dean's Corner</b><br>A vision that dares to dream big                  | <b>42 Research Update</b>                   |
| <b>29 Faculty Spotlight:<br/>Dr. Mats Kronstrom</b>                             | <b>43 Class Notes</b>                       |
| <b>38 Faculty Updates</b>   | <b>44 Reunions</b>                          |
| <b>39 Volunteer Honor Roll</b>  | <b>45 In Memoriam</b>                       |
|   | <b>46 CDE Spotlight/Schedule of Courses</b> |
|   | <b>Back cover: Calendar of Events</b>       |

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**Richard Crinzi '72**  
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## Dental Alumni news

**Online:** <http://dental.washington.edu/alumni/magazine.html>

### DENTISTRY ADVANCEMENT AND EXTERNAL AFFAIRS STAFF

#### ALUMNI RELATIONS AND ADVANCEMENT

##### CHRISTINA VANOSDOLL

Assistant Dean, Advancement and External Affairs  
Phone: (206) 897-1404  
Email: [harrc@uw.edu](mailto:harrc@uw.edu)

##### RANDY NEWQUIST

Director of Dental Alumni Services  
Phone: (206) 616-0716  
Email: [randyn@uw.edu](mailto:randyn@uw.edu)

##### GLENN WEST

Associate Director of Advancement  
Phone: (206) 543-6017  
Email: [gwest@uw.edu](mailto:gwest@uw.edu)

#### COMMUNICATIONS

##### STEVE STEINBERG

Director of Communications  
Phone: (206) 616-0827  
Email: [ss55@uw.edu](mailto:ss55@uw.edu)

##### RHONA SCHWARTZ

Public Information Specialist  
Phone: (206) 616-0986  
Email: [rds9000@uw.edu](mailto:rds9000@uw.edu)

#### CONTINUING DENTAL EDUCATION

##### SALLY GEE

Director of Continuing Dental Education  
Phone: (206) 616-0990  
Email: [sallyg@uw.edu](mailto:sallyg@uw.edu)

##### EMILY RADEMACHER

Assistant Director of Continuing Dental Education  
Phone: (206) 616-0938  
Email: [ear14@uw.edu](mailto:ear14@uw.edu)

##### ADVANCEMENT PHONE:

(206) 685-9350 or (866) 550-2977

ALUMNI PHONE: (206) 543-7297

CDE PHONE: (206) 543-5448

##### Dental Alumni News Editorial Offices

University of Washington School of Dentistry  
Box 357137  
Seattle, WA 98195-7137

**EDITOR:** Steve Steinberg

**ART DIRECTOR:** Peter Tucker

**ASSISTANT EDITOR:** Rhona Schwartz

**PHONE:** (206) 543-7297

**FAX:** (206) 543-6465

**EMAIL:** [sodalum@uw.edu](mailto:sodalum@uw.edu)

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**ON THE COVER:** Dr. Sherwin Shinn ('74) in Uganda



# Looking back — and ahead — with satisfaction

As my term as president of our UW Dental Alumni Association draws to a close, I would like to take this opportunity to share a few thoughts about the last two years.

Perhaps the most satisfying aspect of this time for me has been seeing the dynamic infusion of energy, leadership and vision that Dr. Joel Berg has brought to the School as our Dean. I believe he has recharged our School with new purpose since he took up the



reins in August 2012, and we will continue to see the fruits of his efforts in even greater measure in the next few years.

He is putting his emphatic stamp on our School by leading a comprehensive re-engineering of our curriculum, clinical systems and administration to ensure that we will continue to be a leader in dental education for the 21st century.

Much of the curriculum overhaul is dictated by the new standards promulgated by the ADA's Commission on Dental Accreditation (CODA). As former chair of CODA, I can assure you that compliance is, by itself, a formidable task. However, Dean Berg is taking it a step beyond, by reorganizing the curriculum around an innovative structure of content "threads" that will help integrate curriculum into clinical training more seamlessly than ever before.

The new third-year "clerkship" model that our Dean plans to have in place by fall quarter 2015, along with a new fourth-year model that will closely emulate private practice, will also ensure that our students will be more productive and thoroughly trained than ever.

I also applaud the Dean for bringing his considerable business acumen to our School's administration and everyday activity, with the application of modern "lean process" management principles to all phases of our operations. To our knowledge, no other dental school has applied these principles on anything approaching our scale.

In addition, those of us who are active in the Washington State Dental Association have been greatly heartened by the way in which Dean Berg has carried out his early pledge to reach out and talk to

us. To date, he has made time in his frenetic schedule to visit all but a few of our component dental societies throughout the state to share his vision and hear our concerns, and I know he will continue to do so. In addition, his recent move to suspend classes for a day to let as many students as possible attend Dental Action Day at the Legislature in Olympia resulted in the biggest student turnout in history — nearly 200. These students added immeasurably to the impact our WSDA members had in representing our profession, and they are superb ambassadors for our School.

All of this has left me more confident than ever that our School is in excellent hands, and that our future as a leader of dental education is very bright indeed. However, we will not attain that future without your wholehearted backing.

We are fortunate to have such a loyal and devoted corps of alumni. Yet we must go even further in the next few years in supporting Dean Berg and our School. I realize that the last few years have been challenging for those of us in private practice, but now, more than ever, we must all renew our resolve to help in every way possible — with our time and our verbal and financial support.

Of course, it begins with membership in our Dental Alumni Association; if you haven't brought your dues up to date, please do so right away. Beyond that, help us reach out to those non-member alumni — especially our younger graduates — to encourage them to join if they have not done so.

Please look for other ways to get involved — being active in the WSDA/Dental Alumni Mentor program, teaching, availing yourself of one of the excellent continuing education courses the School offers — and renew your ties to our School at every chance.

With that said, I will be turning over the leadership of our Dental Alumni Association to the very capable Dr. Jessica Swoboda ('04). However, that hardly means I will be retiring to the sidelines. I plan to remain an active member of the Association who will help our School in every way I can, and I hope you will join me in that endeavor.

BRYAN EDGAR ('76)

*UW Dental Alumni Association President*

# W UNIVERSITY of WASHINGTON Dental Alumni Association



## UW DENTAL ALUMNI ASSOCIATION

With 1,200 members, the Association makes Dentistry the UW's top school in active alumni participation and involvement. The Association, founded in 1950, connects alumni, encourages fellowship, supports students before and after graduation, and promotes continuing dental education. It promotes interest in the School of Dentistry and provides financial support.

### Your Membership Dues Support

- \$40,000 annually for Dental Student Scholarships
- Students participating in the Summer Undergraduate Research Fellowship (SURF)
- Sponsorship of White Coat Ceremony
- Mentor Program to match students with mentor dentists
- Student Events (vendor show, golf tournament, winter gala dance, talent show, spring barbecue, and student socials)
- Special projects such as the renovation of the student lounge
- Practice Opportunities Program and Listing
- Distinguished Alumnus of the Year Award
- Class Reunions

**Join today by making one simple phone call!**

**Call UW Dental Alumni at  
206.543.7297**



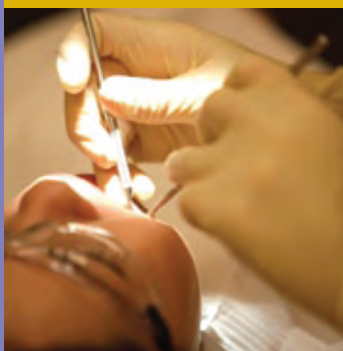
## SIGNATURE EVENTS

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

## PUBLICATIONS

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

**UW SCHOOL OF DENTISTRY WEBSITE**  
[www.dental.washington.edu](http://www.dental.washington.edu)



## MEMBER BENEFITS:

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



# A dream we can build on

In last fall's magazine, I reviewed some of the big changes that are coming to our School as we re-engineer our curriculum, clinical systems and administration.

Much of my first year as Dean was devoted to study and analysis as we applied modern "lean management" business principles to our review of the School. We've analyzed its current state and defined its ideal state, and now have begun



moving toward our goal: producing a true "dentist of the future," a critical thinker who makes the right decisions for patients based on a solid grounding in science and evidence-based dentistry.

Exciting things are happening. Our new curriculum is taking shape as we identify a structure of "threads" – areas of subject matter that are central to teaching dental competencies. We are planning to draw an administrative separation between our clinical operations – think of those as our "hospital" component – and our academic institution. This will free our individual departments and faculty to focus on their core missions of teaching, patient care and research.

We are on our way toward establishing, by the fall of 2015, a new "clerkship" system of clinical training and a fourth-year model that emulates private practice as closely as possible. Our DDS graduates will emerge from the UW better trained than ever in all the skills of general dentistry.

For me, and I hope for you as well, this is a thrilling vision: taking a great School and making it even greater. Yet there is one element that will be a formidable challenge: our facilities.

For years, our School's position has been that any discussion of a new building must take place in the context of the UW Health Science

Center's plans for new facilities. We must still work closely with Health Sciences, especially as interprofessional education takes a more prominent role in our curriculum.

However, a new Health Sciences building, even in the most optimistic projection, is still many years off. We have been examining options, including renovation, but one choice clearly stands out.

I say to you that this is my dream: a new facility for the School of Dentistry, close enough to Health Science to continue a critical collaboration – but with the space and technology to support a true 21st-century School of Dentistry. Very recently, I presented a broad initial proposal to the UW, and hope that we can make this dream a reality sooner rather than later.

This will be one of the greatest challenges our School has ever undertaken. But I can tell you one thing about our School of Dentistry: We don't dream small.

A handwritten signature in blue ink that reads "Joel Berg". The signature is fluid and cursive.

JOEL H. BERG, DDS, MS  
*Dean*



# WSDA/Dental Alumni Mentor Program

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

Do you want to help make a difference?  
Contact Randy Newquist at the School of Dentistry:  
[randyn@uw.edu](mailto:randyn@uw.edu) or 206-616-0716.

**JOIN THE MENTOR PROGRAM.  
IT'S FOR YOUR SCHOOL — AND YOUR PROFESSION.**



## Dr. Wataha named to key new position

Dr. John Wataha, who temporarily relinquished his post as Chair of the Department of Restorative Dentistry in 2012 to take a critical role in the School of Dentistry's re-engineering, has been named Associate Dean for Information Management and Quality Improvement, Dean Joel Berg has announced. Pending approval by the Board of Regents, the new appointment takes effect April 1.

"Dr. Wataha's work as head of our Project Management Task Force in the last 15 months has been absolutely indispensable to everything we have done so far in reinventing our curriculum, our clinics and our administration," Dean Berg said. "Going forward, I believe that we will need his expertise and abilities in this area even more."

The position is a new one that relates directly to the School's commitment to apply modern management principles to all its operations, Dean Berg said: "It reflects our continuing emphasis on analyzing everything we do and determining whether each process adds value to our dental education, clinical systems, patient care and other activities."

Dr. Wataha stepped aside from his chair in December 2012 at Dean Berg's request to take up leadership of the task force, whose work supported the three other task forces the Dean had appointed at the outset of his tenure in August 2012. Dr. Ricardo Schwedhelm was named Interim Chair.

With Dr. Wataha's latest appointment, a new permanent Chair of Restorative Dentistry will be sought in an internal search, Dean Berg said, with a



*Dr. John Wataha*

goal of making the selection by sometime this summer.

Dr. Wataha was uniquely suited for the new position and his task force leadership not only by his academic background, but by virtue of his expertise in the "lean management" business practices Dean Berg has championed in remaking the School.

With the Project Management Task Force, Dr. Wataha led the identification of about 300 processes, which are clear definitions of all activities at our School, including everything from patient intake to IT security management to event reporting management to patient records management. Lean management includes components such as value stream mapping, which breaks processes into discrete steps that are analyzed individually to see whether they add or subtract value.

The task force will spin off a new permanent Office of Project Manage-

ment, a schoolwide resource that will help with everything from new clinical systems to logistics to infrastructure.

In his new role, Dr. Wataha will oversee four main areas:

- Project management/process improvement
- Evaluation and metrics tied to student and faculty performance
- Information technology
- Compliance and credentialing

"We have all known Dr. Wataha as a superb Chair of Restorative Dentistry, teacher and researcher," Dean Berg said. "Above all, he is an outstanding team player. When I asked him to relinquish his Restorative chair to take on those critical Project Management duties, he did so without hesitation, and he has worked brilliantly in that capacity. In his new role, he will be in an even better position to help guide our progress toward our goal – unquestioned pre-eminence in dental education." ■

### Academic affairs dean to be sought

Dean Joel Berg has announced that the School will conduct a national search for an Associate Dean for Academic Affairs, seeking a selection by autumn 2014. The post will oversee administration of academic programs, curriculum development, student progress, academic regulations, educational technologies, regional academic operations and the Continuing Dental Education steering committee.

The search committee is chaired by Dr. Linda LeResche, Associate Dean for Research. During the search, Dr. Wendy Mouradian will serve as Acting Associate Dean for Academic Affairs in addition to her duties in regional affairs, RIDE and educational technologies. ■

# Dr. O. Ross Beirne, Dr. Glen Johnson receive Rothwell teaching honors

Two of our School of Dentistry's most respected teachers and researchers received the 2013 Bruce R. Rothwell Distinguished Teaching Awards, the School's highest teaching honor, during a faculty retreat at the UW's Husky Union Building on Dec. 13.

Dr. O. Ross Beirne of the Department of Oral and Maxillofacial Surgery received the Rothwell Lifetime Achievement Award, while Dr. Glen Johnson of the Department of Restorative Dentistry received the Rothwell Distinguished Teacher Award for outstanding and innovative teaching.

Dr. Beirne, who joined the UW faculty in 1985 and chaired his department for 11 years until stepping down in 2010 to devote more time to teaching and patient care, was cited for an unobtrusive, effective teaching style that gives students plenty of leeway to learn. He received his DMD from Harvard University in 1972 and a PhD in biochemistry from the University of California at San Francisco in 1976.

In making its choice, the selection committee cited student comments about Dr. Beirne, including this one from Class of 2014 President Eric Oendorf: "His methods of teaching are exceptionally engaging and he has a knack for extracting thoughtful questions from his students. His engaging technique and encyclopedic knowledge of sedation and medication complications motivates students to always give their best effort. ... He has directly impacted nearly 30 years of UW gradu-

ates, and we all feel fortunate to have been taught by this stalwart in the oral surgery community."

Expressing his gratitude with great emotion, Dr. Beirne said, "It's wonderful to be recognized for something you love doing."

Dr. Johnson, who has taught restorative dentistry for more than 32 years at the UW, received his DDS in 1978 from the UW, where he also played

varsity basketball as an undergraduate. Students said his extensive research and knowledge of dental materials were greatly helpful to them, with one student adding: "In clinic, he is dedicated, helpful and provides practical advice. He's always happy to see students develop an understanding of why they are doing what they are doing. He wants us to become great clinicians."

"I feel like one of the luckiest guys around, to be part of this process," Dr. Johnson said. "I feel like I've given some, but I've gained so much."

The Rothwell awards are named for the late Dr. Bruce R. Rothwell, who was Chair of Restorative Dentistry at the UW from 1993 until his death from kidney cancer in 2000 at the age of 52.

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

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

chemotherapy for mouth cancers.

The awards were presented by Dr. Patricia Rothwell and Dr. Mark Drangsholt, Chair of the UW Department of Oral Medicine and chair of the selection committee. ■



*Dr. O. Ross Beirne (center, top photo) receives the 2013 Bruce R. Rothwell Lifetime Achievement Award from Dr. Mark Drangsholt and Dr. Patricia Rothwell, while Dr. Glen Johnson receives the 2013 Bruce R. Rothwell Distinguished Teacher Award.*



# Dental Action Day sees record student turnout

Nearly 200 students, our School's largest contingent ever, met with Washington state legislators in Olympia to discuss dental issues during Dental Action Day on Jan. 31.

Led by Dean Joel Berg, students joined about 150 Washington State Dental Association (WSDA) member dentists at the Capitol for the annual event to talk with lawmakers about issues including dental Medicaid, mid-level providers, residency programs and loan repayment programs.

"All meetings went very well, and the senators and representatives were impressed to see dental advocacy out in full force, with the wide spectrum of advocates, from students to practitioners," said student Eric Nelson ('15). David Ludwig, president of the Class of 2015, added that the day also presented a welcome opportunity for students to network with professional dentists.

Students reported that they were welcomed warmly by legislators. Said Emily Yepez ('17): "The success of the day wasn't just due to the positive appointments with legislators who were receptive to our message; it also came from our experiences with opposition. To oppose ineffective policies, we presented realistic alternatives, which included increasing residency programs to provide expanded care for low-income patients while simultaneously providing graduate students an opportunity to gain experience."

Yepez compared the experience to

"All meetings went very well, and the senators and representatives were impressed to see dental advocacy out in full force."

—Student Eric Nelson ('15)



Rep. Cindy Ryu (D-Shoreline, seated at right) meets with Katie Chamblin ('15, seated) and (standing, from left) Kim Trieu ('14), Emily Yepez ('17), Dr. Naghmeh Izadi of Lynnwood, Tiffany Luu ('16) and Dr. Marissa Bender of Lynnwood.

"preparing for an exam while gaining hands-on practice in a clinic."

Student Kim Trieu ('14), who is vice president of the UW chapter of the American Student Dental Association, met with Rep. Cindy Ryu, a Shoreline Democrat. She felt that Ryu understood the dental perspective because she has a niece attending dental school at the UW and another niece who had just

finished dental graduate studies out of state.

Student Todd Billington ('15), who was attending his third Dental Action Day, had a busy one while meeting with a senator and four representatives.

"My favorite meeting every year is with Rep. Paul Harris, who has two brothers who are dentists," Billington said. "He understands the responsibilities that come with the dental profession and is always eager to hear what dental professionals have to say about the upcoming legislative session."

Billington added, "Traveling from meeting to meeting with the dentists provides great insight to what the profession of dentistry looks like in practice, and they are always interested in

hearing about our dental school experience and in sharing their knowledge and clinical stories with us, the students. It's great to have the support of the WSDA and all the dentists involved in Dental Action Day."

The big student turnout this year was owed in part to Dean Berg's cancellation of classes for the day. Dr. Berg said that he felt it was important for students to participate to gain a sense of how impactful their voices could be in the public arena, and to share a sense of solidarity with the larger dental community.

Students carried an official message of thanks from the School of Dentistry for the Legislature's restoration of full adult dental Medicaid benefits, which

took effect Jan. 1 after a lapse of two years during the state's budget squeeze.

Before the cutoff, dental Medicaid accounted for about 14 percent of the School's total patient visits. The renewal of benefits, plus the state's acceptance of the federal Medicaid expansion under the Affordable Care Act, is expected to give a boost to the School's predoctoral program. ■

## *Plan to Attend*

# 30TH ANNUAL DEAN'S CLUB DINNER

*Saturday Evening, April 26, 2014*

McCAW HALL, SEATTLE CENTER  
321 Mercer St., Seattle

### *Honorees*

GERALD W. HARRINGTON, DDS, MSD

2014 DISTINGUISHED ALUMNUS AWARD

VINCENT G. KOKICH, DDS, MS

2014 DEAN'S CLUB HONORARY LIFETIME

MEMBER AWARD (POSTHUMOUS)

CLASS Of 2014

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*For more information or early registration, go to  
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# *Drs. Kokich, Harrington to be honored*

Two iconic faculty members who exerted lasting influence on their professional disciplines and our School of Dentistry will be honored at the 30th annual Dean's Club dinner on April 26 at McCaw Hall in Seattle Center.

## *Dr. Vincent G. Kokich*



Dr. Vincent G. Kokich ('71, '74 Ortho), one of our School's most acclaimed alumni, will be honored posthumously with the Dean's Club Honorary Lifetime Member Award. The award recognizes club members who have given extraordinary service and support to the School over an extended span.

Dr. Kokich, considered one of the world's foremost dental educators, passed away on July 24, 2013 at the age of 68. He will be recognized for a three-decade record of superb service to our School as one of its most ardent supporters and ambassadors. As a Professor of Orthodontics at the School, he also helped build the UW's reputation as a top center of orthodontics education and training.

In 1996, he and Dr. Peter Shapiro ('73 Ortho) established an endowed fund to bring distinguished visiting orthodontics scholars to the UW. Dr. Kokich also contributed extensively to the work of the UW Orthodontics Alumni Association and served on the Dean's Club Board and the UW Foundation Board. He and his wife, Marilyn, were recognized as UW Benefactors and members of the Henry Suzzallo Society.

In 2009, Dr. Kokich and his lecture partners dedicated one of their final joint appearances to establishing the Kokich/Mathews/Spear Endowed Fund for Academic Leadership in Dentistry to elevate the School's quality of teaching, and they added major personal pledges to the lecture's proceeds.

At the time of his death, Dr. Kokich was editor-in-chief of the *American Journal of Orthodontics & Dentofacial Orthopedics*, and was a former president of the American Board of Orthodontics (ABO) and the American Academy of Esthetic Dentistry (AAED).

He was also a leading advocate of interdisciplinary dentistry, winning a large following through a quarter-century of lectures worldwide, mostly with fellow faculty members Dr. Frank Spear ('79, Grad Pros '85) and Dr. David Mathews (Perio '74). In 2005, he was named Distinguished Alumnus by the Dental Alumni Association.

After Dr. Kokich's death, Dr. Greg Huang, UW Chair of Orthodontics, called him "someone who inspired us to dream big, to strive for excellence in all our endeavors, and, through his life, led by example."

## *Dr. Gerald W. Harrington*



Dr. Gerald W. Harrington (Endo '69), Professor Emeritus and former Chair of Endodontics who played a key role in shaping an internationally prominent department, will receive the Dental Alumni Association's Distinguished Alumnus Award. The award recognizes alumni who by their professional achievements have earned great distinction, improved the dental profession and the public's welfare, and

brought honor to the School and the UW.

Dr. Harrington served as a full-time Endodontics faculty member starting in 1969 and chaired the department from 1993 until he retired in 2001. He also directed the graduate Endodontics program from 1972 to 2001.

As chair, he enhanced the department's strong tradition and reputation, and as a teacher, compiled a record highlighted by 18 awards for teaching excellence from dental students and the bestowal of the Bruce R. Rothwell Distinguished Teaching Award, our highest faculty honor. In 2001, he received the I.B. Bender Lifetime Teaching Award from the American Association of Endodontics, and also received the Washington State Dental Association Faculty Award for outstanding contributions to the School of Dentistry and to the WSDA.

He was also an active and influential researcher, contributing to numerous journals and serving on 48 graduate research committees. He also wrote half a dozen book chapters and an equal number of clinical articles, delivered 50 major lectures and served on the editorial board of the journal *Endodontics*. He belonged to and held offices in nine professional and honorary societies.

Upon his retirement, Endodontics alumni established a fund to create a fellowship in graduate endodontics, naming it in honor of Dr. Harrington and his similarly respected faculty colleague, Dr. Eugene Natkin, who received the Outstanding Alumnus Award in 2012.

Dr. Bryan Edgar ('76), president of the Dental Alumni Association, said that Dr. Harrington had a powerful impact on the dental profession, and faculty colleagues such as Dr. Rick Taylor (Endo '88) and Dr. David Pitts (Endo '77) added further praise.

"Among my peers, Dr. Harrington has always been the moral compass," said Dr. Taylor, while Dr. Pitts said, "As a consummate teacher, clinician, and faculty member, Dr. Harrington's contributions to the Department, School and specialty of Endodontics are legion. He brought expertise, intelligence and a strong sense of fairness to them all."

# Ernest M. Jones lecture to feature dental online marketing strategist

Dr. Lou Shuman, an authority on internet dental marketing strategy, will be the featured speaker at the 44th annual Ernest M. Jones Memorial Lectureship on March 28 at Meany Hall on the UW campus. Dr. Shuman will discuss “The Internet: What’s Happening Today That Should Change the Way You’re Doing Business.”

Dr. Shuman is president of the Pride Institute, a dental practice management consulting group based in Novato, Calif. His expertise lies in internet strategy, strategic relations, emerging technologies, digital marketing methods and operational practice management.

He is a member of the Key Opinion Leader Board at Dentsply GAC, a personal executive consultant to Dentsply GAC and a member of the Dentsply Technology Committee. He is chairman of the Sesame Communications Technology Advisory Board and a member of the clinical advisory boards and editorial boards at several publications, including *Dentistry Today*, *Dental Products Report*, *Dental Practice Report*, *The Progressive Dentist* and *The Progressive Orthodontist*.

Dr. Shuman will explore:

- What social media properties should you participate in now, so as they constantly redefine themselves you are staying current?

- What Internet technologies do you incorporate now to create the most effective new patient growth and online retention strategies? Responsive Web design, pay-per-click, search engine optimization?

- What is the true effective mix of traditional and online marketing to achieve maximum results?

Attendees will receive:

- An educational primer of every major social media property, including the

latest updates.

- A complete assessment of the critical internet technologies that every practice must be implementing to be most effective online.



Dr. Lou Shuman

Dr. Shuman’s expertise lies in internet strategy, strategic relations, emerging technologies, digital marketing methods and operational practice management.

- An understanding of where and how to spend your time and energy utilizing the right social media properties and internet technologies to acquire new patients and build patient base loyalty.

The Ernest M. Jones Lectureship, our School’s signature annual continuing education event, is offered free as a non-credit course to all dentists, dental co-professionals, dental faculty and stu-

dents. (Continuing education credits are available for a fee.)

The lectureship was created in honor of the School’s founding dean, who was appointed in October 1945. At that time the School had no faculty or students, and no classroom or office facilities. Dr. Jones immediately arranged for the permanent structure, recruited faculty and selected the first class of dental students from nearly 200 applicants.

Under his guidance a solid core of dedicated faculty were selected, an innovative curriculum that has become a national standard was established, and the makeshift quarters in Bagley Hall gave way to sophisticated laboratories. Within three years, the 50 members of the inaugural class began their clinical studies in the new facilities.

Dr. Jones also created a framework that allowed the school to continue to expand, both academically and clinically, and to explore the potential of its research, educational and service capabilities.

The lectureship is supported by an endowment that has drawn contributions from more than 900 alumni and friends of the School. Their generous contributions have ensured that an annual Ernest M. Jones Lectureship program will be presented free, in perpetuity, to all dentists, dental school faculty and students, and dental co-professionals.

The event is organized by the UW Dental Alumni Association, which also supports the lectureship. ■

#### How to register

For registration or additional information, call our School’s Department of Continuing Dental Education at 206-543-5448 or toll-free at 866-791-1278. Online registration is available at [www.uwcede.com](http://www.uwcede.com) until March 26.



# Dr. Gerry Schultz's passing stirs memories of 'dentist's dentist'

Dr. Gerard D. "Gerry" Schultz ('55), a "dentist's dentist" acclaimed by peers who marveled at his superlative standard of restorations, passed away after a long illness on Oct. 5, 2013 in Evergreen Hospice in Kirkland, Wash. He was 84.

Dr. Schultz was a world-renowned expert in fixed prosthodontics, gnathologic principles and their relationship to temporomandibular joint physiology and pathology. In 2011, he received our School's Distinguished Alumnus Award.

His father, Arthur, was one of the original affiliate faculty members in the UW Department of Operative Dentistry. The younger Dr. Schultz taught in the School's Restorative and Periodontics departments while conducting a Seattle general dentistry practice limited to complex restorative procedures from 1964 until his retirement in 2010.

"I believe Gerry's forte was that he was the one dentist who treated patients that were deemed impossible by the dental community. The patients he was referred and treated were usually only seen once in a lifetime of practice of a very few dentists around the world," said Dr. Roger Harper (Grad Pros '77). "[These were] cases so rare, there was no accepted direction for their care. His typical case would take years of treatment and many times blaze the trail toward new treatments."

Dr. Schultz also taught a postgraduate preceptorship program in restorative dentistry, served as a consultant to the graduate periodontics program at the University of Pennsylvania and led numerous restorative study clubs.

"Gerry was the supreme dentist's dentist, with a continuing thirst for dental perfection," said Dr. David Wands (Grad Pros '72), a retired UW Department of Prosthodontics faculty member

"No less than Dr. Peter K. Thomas once remarked that 'Gerry Schultz may just be the best dentist in the world.'"

—Dr. Herb Selipsky (Perio '73)

who first met Dr. Schultz while a UW graduate student in 1970. "Like everyone else with whom he came in contact, I had immense respect for his superior digital talents, almost endless detailed knowledge of dental occlusion, periodontal and restorative treatments, and caring compassion for his patients, students and all who crossed his path."

"I believe Gerry to have been one of the finest dentists in the world. He took



Dr. Gerry Schultz was honored in 2011 with the School's Distinguished Alumnus Award.

on challenges in dentistry that were near to impossible and completed them with the finest dentistry anyone could ever imagine," said Dr. Harper. "His style of practice was unique in that he would usually see only one patient per day and usually never more than two or three a week. His search for perfection was unending, and he was rarely satisfied regardless of the result."

Dr. Schultz trained dentists in advanced techniques in Europe as well as the United States and was "truly known worldwide for his dedication and artistry," said classmate Dr. Richard Swanson ('55).

"He was unselfish with his time and always available to consult and guide," said Dr. Harper. "I practiced two floors from Gerry and had lunch with him nearly every week for 25 years. His guidance and advice helped me immensely throughout my career."

Dr. John Townsend (Grad Pros '73), Associate Director of our School's Graduate Prosthodontics program, said that Dr. Schultz was an annual presenter in the program and "was respected as the ultimate expert in many aspects of restorative dentistry, especially his expertise in recording and analyzing mandibular movement."

"Dr. Schultz set the highest standards for restorative excellence in the treatment of his patients, and his colleagues in practice attempted to emulate this excellence," said Dr. Townsend. "He practiced in the same office that his father had in the Medical Dental Building until his retirement and directed a series of successful multi-year UW CDE experiences for serious practitioners of restorative excellence, in which he generously shared his knowledge and skills."

Dr. Saul Schluger, the celebrated founder of the UW's Periodontics pro-

gram, would routinely show images of Dr. Schultz's treatment when lecturing at other universities as an example of excellence in restorative dentistry, said Dr. Townsend.

"Dr. Schultz was one of our profession's greatest exponents. No less than Dr. Peter K. Thomas once remarked that 'Gerry Schultz may just be the best dentist in the world,' " said UW faculty member Dr. Herb Selipsky (Perio '73). "Certainly his technical skills were legendary, but he was much more than a superb clinician. He unselfishly shared his knowledge and skills whenever he could, running many a three-year weekend course for dentists wishing to improve their skills, as well as being an invaluable teacher for many years in the UW's Graduate Restorative and Periodontics programs. Drs. Saul Schluger and Ralph Yuodelis were counted among his good friends and greatest admirers.

"And yet, with all his marvelous clinical skills and the accolades heaped upon him, he managed a rare feat indeed, to be aware of his skills, but never boastful, to stay humble and gregarious and always trying to learn still more and improve still further," said Dr. Selipsky.

Dr. Swanson also described an adventurous, fun-loving side of Dr. Schultz, who was not above dropping a water balloon on a classmate's head from a boarding-house window. The two climbed Mount Rainier together when they were 43, and Dr. Swanson also recalled that Dr. Schultz was a strong runner who also boxed, loved to dance and practiced sleight-of-hand tricks.

"The world of dentistry has lost a titan, and we have also lost a great friend," said Dr. Selipsky.

Dr. Schultz is survived by his wife, Carol; son Randal "Randy," who did his father's lab work for many years; a granddaughter and grandson; three great-grandchildren; sister and husband; and several nieces and nephews and their children. ■

## Kimberly Hanson Huggins, special-needs champion

Kimberly Hanson Huggins, RDH, a longtime School of Dentistry faculty and staff member who was a strong, active voice for patients with special needs, passed away on Jan. 20 after a battle with breast cancer.

Huggins spent most of her 28 years at the UW working on projects in oral facial pain and pediatric dentistry and delivering oral health care to special needs populations. She was Affiliate Instructor and Research Manager in the Department of Oral Medicine and Outreach Manager in the Department

community at many levels, managing research studies across multiple institutions, presenting research at scientific meetings and training and calibrating TMD examiners for the U.S. National Health and Examination Study and for research projects at dental institutions around the world," said Dean Joel Berg.

Huggins was born in Tokyo to Vinton and Rosalind Hanson. After receiving her B.S. from Loyola University of Chicago and dental hygienist training, she returned to Seattle

and worked as a public health dental hygienist at the Seattle-King County Health Department. Huggins joined the UW in 1985 as project manager for an NIH-funded epidemiologic study in the Pain Research Group in Oral Medicine.

Huggins later developed nationally disseminated fact sheets on the dental care of patients with special needs, spearheaded the ongoing revision of the School's curriculum on the care of patients with special needs and served as the School's coordinator of interprofessional education efforts in UW Health Sciences.

"Kimberly's work and passion touched many lives

in the School of Dentistry and beyond, and she will be deeply missed," said Dean Berg.

Huggins is survived by her husband of 28 years, Charles "Ky"; daughters Gillian and Sydney; her mother; and two brothers. ■

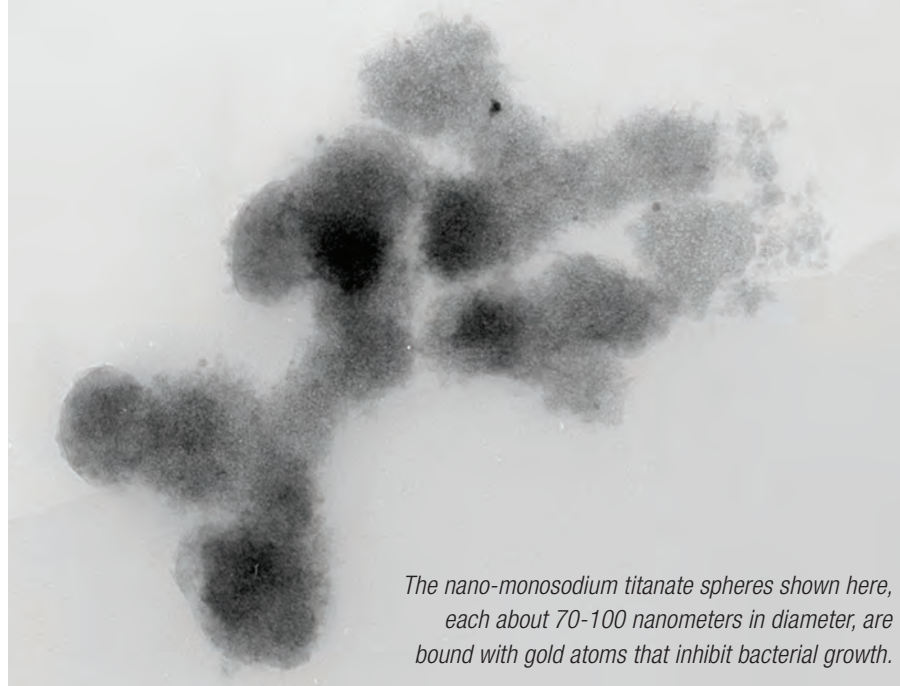


*At the 2011 Pacific Northwest Dental Conference, Kimberly Hanson Huggins welcomed Dr. David Dean of Tukwila as she surveyed area dentists about special-needs care.*

of Pediatric Dentistry, and had recently been named Director of Special Patient Care.

"With her strong organizational abilities, keen insight and boundless energy, Kimberly became involved in the School and the broader academic





*The nano-monosodium titanate spheres shown here, each about 70-100 nanometers in diameter, are bound with gold atoms that inhibit bacterial growth.*

## School researchers patent new antibacterial agent

Four of our faculty members have received a patent for a new way of using titanium-based materials to fight oral bacteria, with an intriguing potential array of wider medical applications.

The patent culminates several years of work in which the group studied a novel class of substances called titanates and peroxotitanates, which can inhibit bacterial growth when bound to metal ions such as gold. These titanates could be incorporated into a gel or a solution that would be applied by a dentist after a procedure such as a root canal or a filling, reducing the chances of infection or decay at that site.

Titanates could also be used in bandages, skin gels, mouthwashes and toothpaste to limit bacterial growth, said Dr. Whasun Oh Chung of our Department of Oral Health Sciences, one of the four researchers. The others are Dr. Daniel Chan and Dr. John Wataha of the Department of Restorative Dentistry and Dr. Bruce Rutherford of Oral Health Sciences.

The group's work grew out of

nearly a decade of research performed by Dr. Wataha and Dr. David Hobbs of South Carolina's Savannah River National Laboratory, who is also listed on the patent as an inventor. Their studies formed the basis for a four-year, \$1.5 million federal grant by the National Institute of Dental and Craniofacial Research (NIDCR) to the School to evaluate titanates' antibacterial properties.

Metals have long been known to have antibacterial properties, said Dr. Chung, but when used in concentrations high enough to be effective, they also carry a risk of toxic side effects. What makes the work with titanates promising, she said, is that the therapeutic benefits are achieved with less risk of toxicity.

"It is very new and novel," said Dr. Chung. "Nothing has delivered materials at such a non-toxic level. We're working with something we know is effective. Metals have been around a long time, and the bacteria haven't become resistant to them."

That is also an important consideration at a time when growing bacterial resistance to antibiotics places greater urgency on the need to find antimicrobial alternatives, she noted.

"The use of metal ions to control bacterial infections remains of interest as drug-resistant bacteria are becoming increasingly common and dangerous to human health," Dr. Chung said.

Aside from their uses in the mouth or other topical applications, titanates could even be used in narrowly targeted treatments for internal organs, she said.

Titanates could also be used in dental or medical materials and devices, she said, including suture material, catheters, shunts, and dental fillings. They could even show up in toothpastes and mouthwashes some day, she said.

"[Titanate-metal complexes have] proven to be effective against endodontic, cariogenic and periodontic bacteria," Dr. Chung said. "The idea is to make it easy for people to use every day." At the same time, Dr. Wataha cautioned that the practical or clinical benefits have yet to be conclusively demonstrated for the new patent-related application.

The researchers expect to finish patient trials this spring, Dr. Chung said. However, she declined to predict when titanates might be approved for general use.

Dr. Chan, the School of Dentistry's associate dean for clinical services, was co-principal investigator on the NIDCR grant with Dr. James Bryers of the UW Department of Biomedical Engineering. Dr. Chung and another School of Dentistry faculty member, Dr. Albert K.H. Chung, were co-investigators. Dr. Charles Spiekerman of Oral Health Sciences is the group's biostatistician, while Dr. Wataha is a consultant. Dr. Hobbs also was involved in helping to secure the grant. ■

# OMS launches series of Grand Rounds lectures

About 100 listeners turned out as Dr. Thomas Dodson, Chair of our Department of Oral & Maxillofacial Surgery (OMS), inaugurated “OMS Grand Rounds,” a wide-ranging series of lectures of interest to the OMS and medical communities, on Jan. 15 at the UW.

OMS Grand Rounds will be held from 6 to 7 p.m. on the first and third Wednesday of each month in Turner Auditorium, Room D209 of the UW Health Sciences Center. A link to the lecture series and schedule appears on the OMS departmental homepage on the School’s website.

Dr. Dodson delivered the initial lecture, which covered operative management of obstructive sleep apnea. Earlier, he said that lectures would cover topics such as management of challenging dentoalveolar and pre-prosthetics cases, surgical correction of facial trauma, presentation and management of head and neck pathology, and treatment of complex craniofacial deformities.

“As an academic department, we are responsible not only for the training of students and residents, but also for maintaining the competencies and relevance of a greater community of practicing oral and maxillofacial surgeons,” Dr. Dodson said. “OMS Grand Rounds is one of the ways we serve our alumni and other oral and maxillofacial surgeons in the region to raise the quality and standards of OMS care.”

Working at the intersection of medicine and dentistry, oral and maxillofacial surgeons benefit from sharing their experiences, as well as those of other specialists, who may face similar issues of patient management, bone healing, pathology, infection, and even substance abuse or psychology.



“As an academic department, we are responsible not only for the training of students and residents, but also for maintaining the competencies and relevance of a greater community of practicing oral and maxillofacial surgeons.”

—Dr. Thomas Dodson,  
Chair of Oral & Maxillofacial Surgery

“It is my goal to present the sages and the pioneers,” Dr. Dodson said, “allowing us to reflect on the significance of our body of work as oral and maxillofacial surgeons as well as to consider what the next waves of

technology and innovation will bring. What is evolving today in orthopedics or plastic surgery may be tomorrow’s bread and butter in OMS.”

OMS Grand Rounds is free and open to the public. While the lectures will be geared toward the OMS community, they will also be of interest to pre- and post-doctoral dental students, UW dental alumni and other practicing dentists, as well as to physicians specializing in disorders of the head and neck region, Dr. Dodson said.

Continuing-education credit will be offered for registered attendees. Each 50-minute lecture is preceded by a light meal.

Dr. Dodson started at the UW on Sept. 1 after serving as Professor of Oral and Maxillofacial Surgery at the Harvard School of Dental Medicine. He was also Attending Oral and Maxillofacial Surgeon and Director of the Center for Applied Clinical Investigation in the Department of Oral and Maxillofacial Surgery at Massachusetts General Hospital. He currently serves as Associate Editor of the *Journal of Oral and Maxillofacial Surgery*. ■

## UPCOMING LECTURES

**April 2: “Oral Diseases of the Young and the Old to Fit All Dental Specialties”**

**Dolphine Oda, BDS, MSc**

Professor and Director  
Oral Pathology Biopsy Service  
UW Department of Oral & Maxillofacial Surgery

**April 16: “Obstructive Sleep Apnea: OTO Perspective”**

**Maya G. Sardesai, MD, MEd**

Assistant Professor, Department of  
Otolaryngology  
Head and Neck Surgery  
Harborview Medical Center

**Subspecialties/Areas of Expertise:**  
*Sleep Surgery*  
*Laryngology*  
*Facial Plastic and Reconstructive Surgery*



# Jonathan An earns ADA student research award

Third-year student Jonathan An won the American Dental Association's Student Clinician Scholar Award during the ADA's annual session in New Orleans in November.

An, who is enrolled in the School's DDS/PhD program, took top honors in the Basic Science Research competition with a project titled "Chemokine Epigenome Modification and Its Association With Bacteria in Periodontitis." Dr. Whasun Oh Chung of the Department of Oral Health Sciences was his mentor, and An's co-authors included Dr. Robert London and Dr. Sul Ki Hong of the Department of Periodontics and biostatistician Charles Spiekerman of Oral Health Sciences.

This marked the second year in a row that a UW student won the Clinician Scholar Award, with Peter Yamamura ('14) winning last year's competition. It was another major honor for An, who in 2012 won the American and International Associations for Dental Research's Hatton Award.

"We are all incredibly proud of Jon and our outstanding faculty who represented our School of Dentistry," said Dean Joel Berg. "Our School has a remarkable tradition of leadership in oral health research, and it's tremendously satisfying to see a new generation of young scientists and clinicians coming forward to continue that tradition."

About 70 student clinicians from 36 countries competed in this year's ADA competition, which also includes a Clinical Science / Public Health Research category. The competition is rooted in the ADA's Student Clinician Research Program (SCADA), which began in 1959 as a joint venture between the ADA and Dentsply International, a leading maker of dental and other health-care products. Now more than

5,000 students participate in SCADA annually.

Student Clinician Scholar Award winners receive \$750 and a travel award to present their research at the annual Thomas Hinman Dental Meeting, which next takes place March 27-29 in Atlanta.

"The quality and breadth of the science presented at this year's competition was truly outstanding," said Dr. Terri Dolan, vice president and chief clinical officer for Dentsply International.

# Dr. Saghafi wins Ortho wire sculpture contest

Creating an intricately woven wire tree adorned with a swing and a bench, Dr. Niousha Saghafi won the annual Department of Orthodontics wire sculpture contest for first-year residents.

Dr. Mariana Muguerza came in second in the popular vote by faculty, staff and students in December. Her delicately fashioned butterfly perched on its base via a single strand of wire, fluttering at a breath of air.

Dr. Roozbeh Khosravi, Dr. Keyvan Sohrabi and Dr. Matthew Stout also contributed entries to the contest, which has been staged since 1966. Entrants must use predominantly orthodontic materials, such as wire, rubber bands and dental acrylic, and their work is judged for esthetic quality, innovative design and technical competence.

Previous contests have included a geisha figure, a model town, the Eiffel Tower, the Golden Gate Bridge, a strand of DNA and the Lion King.

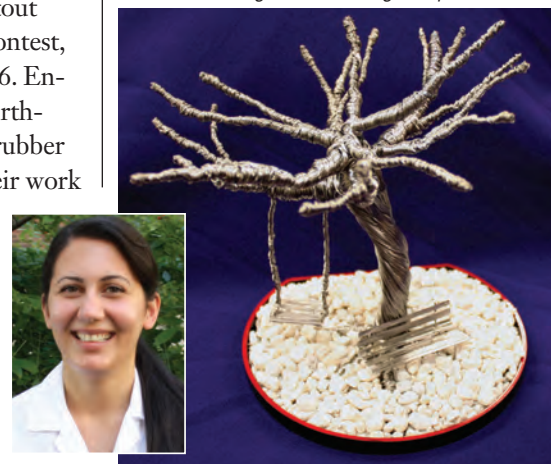


Jonathan An (center) celebrates his award with faculty members Dr. Robert London and Dr. Whasun Oh Chung.

al. "I am so proud of our student clinicians from around the globe, and we wish them continued success as our future leaders in dentistry." ■

The contest was inspired by Dr. Ben Moffett, a School of Dentistry professor emeritus of orthodontics who passed away in 2008 after serving as a faculty member for three decades. In the 1960s, he took a UW art class in form and function, and was inspired to bring a lecturer on the subject to the School of Dentistry for weekly talks. Continuing interest in the subject soon led to the creation of the contest. ■

Dr. Niousha Saghafi's winning sculpture



# Alumni cheer Dawggs to big win at remodeled Husky Stadium

Stormy weather couldn't dampen the high spirits at our annual alumni football brunch on Sept. 28, as alums gathered to watch the UW take on Arizona at the newly remodeled Husky Stadium. The Huskies' home grounds reopened last fall after a \$280 million, 21-month renovation that observers said only improved on what was already college football's most beautiful setting.

The Huskies did full justice to the occasion with a 31-13 thumping of the Wildcats.

Before the game, alums, friends and family enjoyed fine food, great jazz and good times at the Rotunda in the UW's Health Sciences Center. The brunch featured a special appearance by former Huskies fan favorite Joe Jarzynka, a fearless punt returner and special teams player in 1996-98. ■



*Dr. Carrie York ('91), husband Mark Williams and family*



*Dr. Nhi Pham ('99), husband Christian Kim and their daughters*



*George Englund (center), chair of our School's Business Partners committee, greets Dr. Steve Albright (left) and Dr. Glenn Miller ('56).*





*Dr. Jeremy Chaison ('06) hands out the door prizes.*



*Dr. Doug Walsh ('78, left), president of the Dean's Club Board of Trustees, chats with Dr. Bryan Edgar ('76), president of our Dental Alumni Association.*



*Dr. Chad Sheron ('00) and son*



*Dr. Roger Lucas ('06) and Heather Lucas*



*Dean Joel Berg greets Dr. Ken McNabb ('01, second from right) and other guests.*



# Burke Museum packed for mentor reception

A record crowd of nearly 200 people turned out at the UW's Burke Museum on Nov. 20 for the annual Washington State Dental Association/Dental Alumni Mentor reception.

Dental students and mentors mingled and enjoyed wine, beer and hors d'oeuvres during the evening, which featured brief remarks from Dean Joel Berg and WSDA leaders including President David Minahan, Vice President Bryan Edgar and Past President Rod Wentworth. The crowd also heard from third-year dental student Jonathan Everett, who is president of the UW chapter of the American Student Dental Association.

The mentor program pairs students with WSDA member dentists who serve as informal advisers and sounding boards during dental school. Dentist volunteers are welcome; for more details or to volunteer, contact Randy Newquist, the School of Dentistry's Director of Alumni Services, at randyn@uw.edu, or Laura Rohlman of WSDA at laura@wsda.org. ■



*Jonathan Everett, ASDA chapter president*



*Dr. Greg Ogata ('92) and students*



*Dr. Dexter Barnes ('69) and student Eric Nelson*



*Dr. David Minahan ('75) and students*



*Student Levi Reynolds and Dr. Ahsen Nadeem*





*Kainoa Trotter and Laura Rohlman of WSDA*



*Dr. Kathy Stambaugh and student Colleen Hennessey*



*Student Christine Melch and Dr. Ron Dahl*

*Dr. Rick Taylor ('88) and student Janelle Wagner*







Students once again came out in force for the popular annual Vendor Show sponsored by our Dental Alumni Association on Jan. 24 at Mary Gates Hall on the UW campus.

The event provided an opportunity to check out dental armamentarium and talk with experts on everything from practice management to insurance to finance.

A varied buffet and door prizes rounded out the evening.

The Alumni Association extends its thanks to the show's other sponsors. Members of our School's Business Partners program appear in boldface. ■

A-dec

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**Burkhart Dental Supply**

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**Kerr Total Care**

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**O'Brien Dental Lab**

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**Pacific Continental Bank**

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US Navy Recruiting Seattle

**UW Dental Alumni Association**

**WDIA/NORDIC**

Wells Fargo

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**Willamette Dental Group**



# Soccer star makes young patient's day

Samuel Knorr didn't like the idea of missing school for an orthodontic retainer check at our Center for Pediatric Dentistry. When he came face to face with Seattle Sounders star DeAndre Yedlin, however, he was very happy he did.

Twelve-year-old Samuel, who has cerebral palsy, is a huge soccer fan. As Yedlin entered the dental operatory room and said, "Hi, buddy," Samuel broke into a huge smile that never dimmed.

"I knew him by his face," Samuel said, accepting a handshake and an autographed framed photo and cap from Yedlin, a speedy right back for Seattle's Major League Soccer team. "When he first walked in, I'm like, 'That looks like DeAndre.'"

After a brief conversation with Samuel about his soccer interests and Yedlin's trademark game-day hair styles, Yedlin said, "I'm glad I could do this for you. Glad you enjoyed this dentist appointment."

The idea for the surprise visit, which took place just before last Thanksgiving, was hatched by Samuel's dentist, third-year pediatric dental resident Dr. Jane Stieber. She enlisted the help of Linda Yedlin, then administrator for the Department of Pediatric Dentistry and DeAndre's grandmother.

Last spring, Dr. Stieber visited Yedlin's office and noted the many newspaper photos of DeAndre, who came third in voting for 2013 MLS Rookie of the Year and made the 2013 MLS all-star team. Yedlin explained her connection to the Sounders' first home-grown player and Dr. Stieber thought it would be great to have DeAndre and Samuel meet.

"Samuel recently survived a roller-coaster orthodontic journey here at The Center with a great clinical outcome," said Dr. Stieber, who has been treating Samuel for two years, back when he was

still in braces. "He lived in an orphanage in China until age 8 and has two adopted sisters from China with special needs who are treated by our dentists at Seattle Children's."

The initial appointments were tough for Samuel, who "wanted to rip his braces off," said Dr. Stieber. When she found out Samuel loved soccer, she started reading up on the Sounders, hoping to earn his trust. Samuel became so comfortable with their conversations that he started correcting her "facts."

The Knorr family of Bothell – all of whom were in on the surprise for Samuel – includes parents Cheri and Gregg, Sarah, 9, Hannah, 10, and bio-

logical brothers Joshua, also 12, and Andrew, 15. Joshua and Andrew, who are soccer players and Sounders fans in their own right, persuaded their mom to take them along to Samuel's appointment.

Samuel has played in the TOPSoccer program, designed for children with disabilities. Now he plays FIFA video games daily.

"I've been working on this (surprise meeting) for months," said Dr. Stieber after the visit. "It was perfect."

Everyone agreed.

"I can't believe it," said Samuel as he left the exam room. "My teacher is a Sounders fan. I can tell her I finally met a Sounders player." ■



Samuel Knorr enjoys his big moment with UW pediatric dental resident Dr. Jane Stieber and Seattle Sounders star DeAndre Yedlin.

# Student Gabriel Dawson honored for Husky Smiles

Fourth-year student Gabriel Dawson received a Volunteer Service Award at the annual Dr. Martin Luther King Jr. birthday commemoration at the UW Health Sciences Center on Jan. 16.

Dawson was cited for his leadership in the School of Dentistry's student-run Husky Smiles organization, which provides education, cavity screenings, fluoride treatments and referrals to low-income children in the community.

As co-president for 2012-2013, he helped lead an expansion of the Husky Smiles event schedule to reach more children. He also instructed fellow dental students on performing knee-to-knee dental exams, recognizing decay and reassuring parents.

The annual service awards, given to

individuals and groups from each of the UW Health Sciences schools, honor recipients who exemplify Dr. King's principles through:

- Commitment to addressing community needs, particularly communities of color and low income
- Development and implementation of significant programs to improve the human condition
- Outstanding efforts to protect and empower all individuals

"Our School is very proud of students like Gabriel who put real meaning into the concept of giving something back to the community," said Dean Joel Berg. "He demonstrates the qualities of service and compassion that we hope all our students share." ■



Dr. Bea Gandara of the Department of Oral Medicine faculty, also director of the School of Dentistry's Office of Educational Partnerships and Diversity, congratulates Gabriel Dawson on his Volunteer Service Award.

## Improve our skulls of dentistry!

Dr. Sue Herring of Oral Health Sciences continues to request donations of human skulls for instructional use at our School of Dentistry.

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.

Since our last issue, Dr. David Priebe ('65) has donated a skull.



We thank him and our other readers who have responded to Dr. Herring's request.

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](mailto:herring@u.washington.edu).)

The School can then provide an official acknowledgement of the donation.



# Dr. Howard Clark ('55) led a life devoted to dentistry

Recently we learned that, in addition to providing for his family, Dr. Howard Clark ('55) remembered our School in his will.

We're grateful for that bequest, which helped us establish the Dean's Club Legacy Fund to support the School in perpetuity, and we wish only that we had known about the planned gift so that we could have thanked Dr. Clark himself for his generosity and caring.

Like many alumni, Dr. Clark valued the education and experiences at the UW that allowed him to pursue a profession that he loved. He worked until the age of 80 and truly, as his daughter Patricia Michael said, "his life was devoted to dentistry."

Dr. Clark practiced dentistry for nearly 50 years in West Seattle and his patients



were like family to him. He was a Husky through and through – a season-ticket holder and also a devoted Dental Alumni Association member every year until he passed away in 2013.

## **Consider including the School in your will**

With Dr. Clark's bequest, we now have the Dean's Club Legacy Fund, making it possible for alumni to support our School in perpetuity no matter the size of their gift.

For further information on the Dean's Club Legacy Fund or how you can support the School through your will, please contact Glenn West at (206) 543-6017 or [gwest@uw.edu](mailto:gwest@uw.edu). ■

## 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.

Every day at our School, bequests already received help transform the lives of students, support excellent faculty and promising research, and enhance the public service the School provides to the community. Your bequest can continue this vital work and leave a lasting legacy.

# REMEMBER: THE ALAMO!

ADA 2014

## SAN ANTONIO

Dean Joel Berg invites you and a guest to the University of Washington School of Dentistry Reception at the

### **AMERICAN DENTAL ASSOCIATION ANNUAL SESSION IN SAN ANTONIO**

**Saturday, October 11, 2014**

**5 - 7 p.m.**

**Marriott Rivercenter Hotel**

**Grand Ballroom, Salon B**

**101 Bowie St., San Antonio, TX 78205**

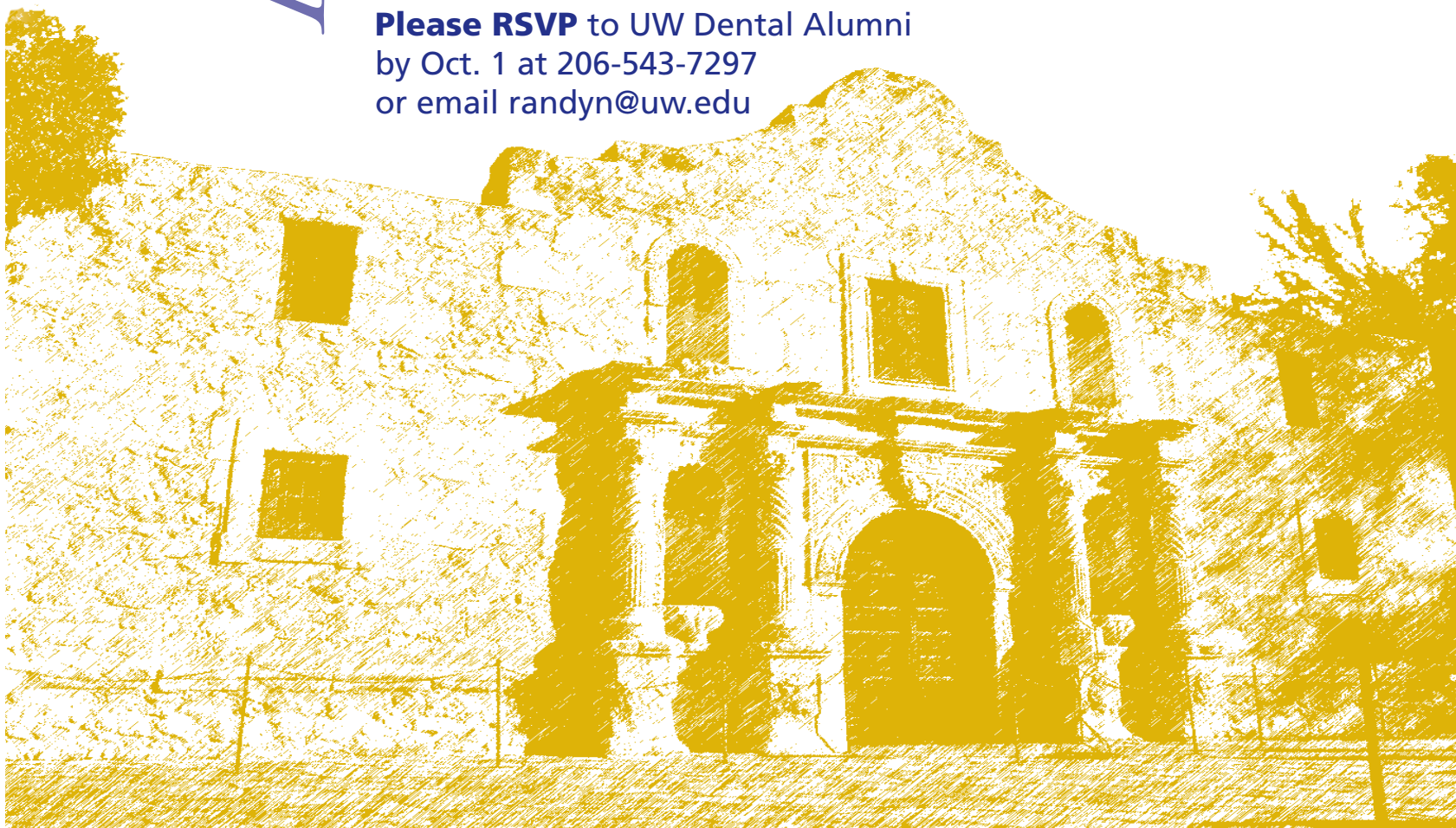
**(located on the banks of the River Walk)**

*Complimentary beverages and hors d'oeuvres will be served.*

**Please RSVP** to UW Dental Alumni

by Oct. 1 at 206-543-7297

or email [randyn@uw.edu](mailto:randyn@uw.edu)



**DR. MATS KRONSTROM**  
*Restorative Dentistry*

## An implantologist, down to the bone

**D**r. Mats Kronstrom doesn't need much encouragement to discuss his enthusiasm for fixing up classic cars like his 1971 Buick Riviera and (candy-apple red!) 1958 Dodge Custom Royal.

If you'd really like to get him revved up, however, ask him about another kind of restorative work. As Dean Joel Berg says, "Mats has always been passionate about providing a meaningful experience to all dental students which comprehensively informs them on the use of implants in restorative dentistry."

As a Professor of Restorative Dentistry since 2006, Dr. Kronstrom has taken the lead faculty role in teaching implantology in the pre-doctoral curriculum. He teaches our School's only pre-doctoral course, which will move from third year to the second-year curriculum this fall.

"It's always been my goal to teach students as much as possible about implants before they leave this place," he says.

With budgets tight and implantology expensive to teach, Dr. Kronstrom also works behind the scenes to secure donations for his course from three leading suppliers: Nobel Biocare, Biomet 3i and Straumann. Their contributions, he says, help our School employ cutting-edge technology in the pre-doctoral program, including the most up-to-date milling techniques, new ceramic materials and three-dimensional scanning.

As students gain more experience, Dr. Kronstrom encourages them to make even more use of modern technology, advancing beyond the old approach of impression/abutment/crown restoration.

"We try to simplify and take it step by step," he says. "It's challenging, but it's fun."

Dr. Kronstrom, a native of Sweden, earned his DDS there from Lund University in 1981 and started his academic career in 2001 as an associate professor of prosthodontics at Malmo University, where he had earned his PhD in 1999. He grew interested in clinical research, but felt that opportunities at Malmo would be limited.

As it happened, he had visited the UW when he was about to begin his PhD thesis on clinical decision-making. Here he met with Dr. Peter Milgrom and Dr. David Grembowski for input, and also with Periodontics faculty.

He was especially intrigued by the possibilities of new collaborations in implantology research and learning more about why implants fail. UW researchers, he says, had

opened new avenues of research in this area, including microbiological causes and patients' inability to manage infection.

In 2003, hoping for more research opportunities, Dr. Kronstrom moved to Dalhousie University in Halifax, Nova Scotia, where he became implant program director. However, it was a less-than-ideal situation, with red tape posing numerous obstacles for his family to obtain permanent resident status. Then a friend alerted him about an opening at the UW, where he accepted an appointment on the Restorative faculty in 2006.



Here, he's continued to build a solid research record, tallying more than 40 journal publications and numerous grants, presentations, abstracts and posters. He's currently involved in a half-dozen studies. One of them is an evaluation of implant design in treatment with single-implant overdentures. Another weighs the impact of humoral immunity factors on osseointegration of titanium dental implants in the maxilla.

Dr. Kronstrom also heads the faculty practice board, which, he says, has had to confront the challenges posed by the recession's impact on patient care and revenues.

"We have many different views and everyone wants to keep their integrity, and you have to respect that," he says. "I'd like to open up the discussion of how we can better interact among our clinics."

Dr. Kronstrom and his wife, Annika, have been married since 1985. They live in the Seattle suburb of Edmonds, where they enjoy gardening and home-remodeling projects. Their sons, now 26 and 24, work in information technology.

Looking ahead, Dr. Kronstrom would like to create an honors implantology program, which would include students working with the Departments of Periodontics, Restorative Dentistry, and Oral and Maxillofacial Surgery on treatment planning.

"We can do more advanced surgical procedures, such as bone grafting, and take more sophisticated treatment approaches," he says. His dream would be a pre-doctoral implant clinic, which he believes could help draw even more outstanding students, and perhaps also help retain them as faculty.

"The more we can teach about not just the procedure, but how to plan for the implant, the better," he says. "I see my mission as raising the bar and being at the forefront." ■



BY STEVE STEINBERG DENTAL ALUMNI NEWS EDITOR

# FIXING TEETH, TOUCHING HEARTS

**Under difficult and sometimes dangerous conditions, our alumni volunteer to deliver desperately needed dental care around the world**

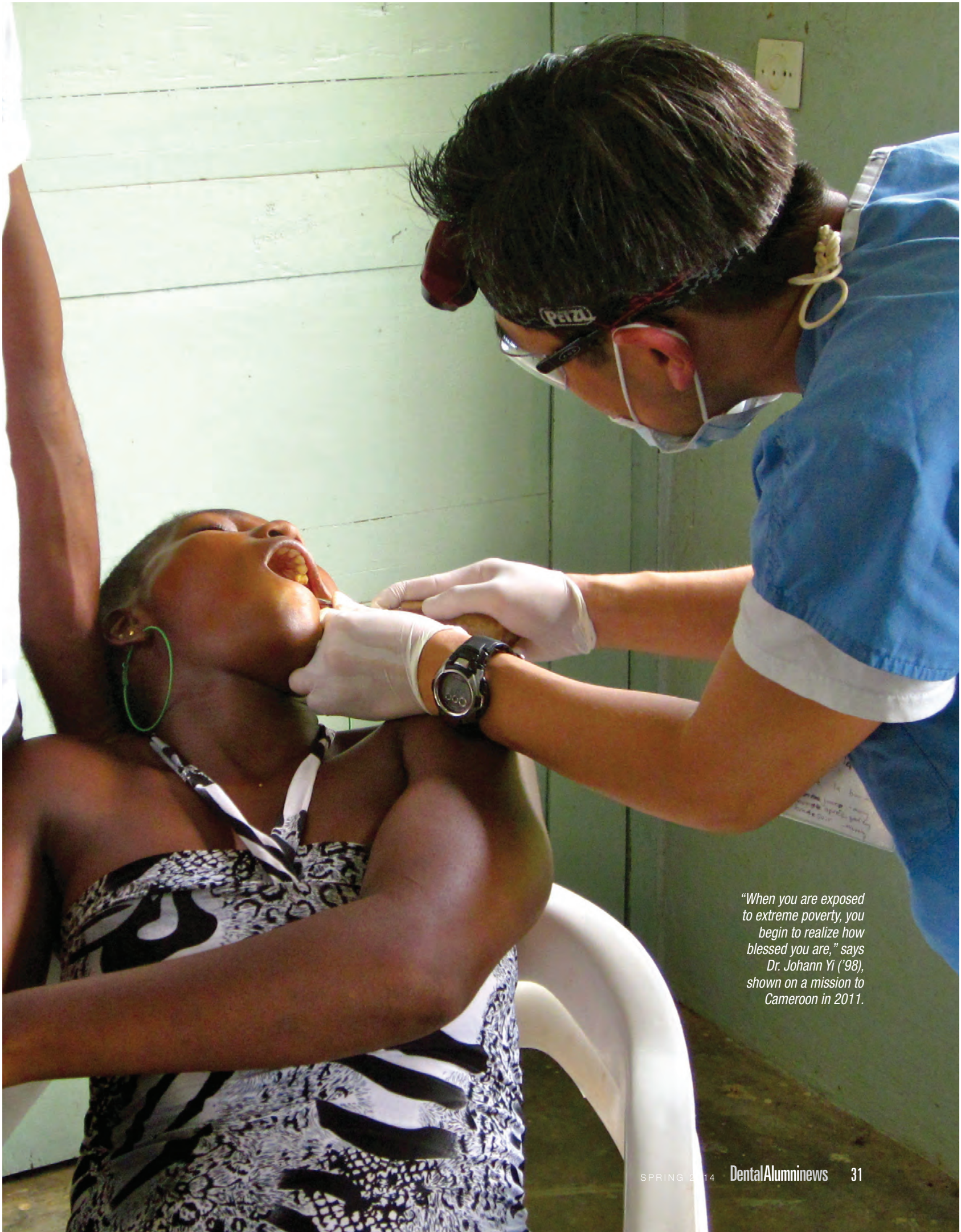
**D**r. Sherwin Shinn ('74) of Gig Harbor, Wash., a dedicated dental volunteer, is no stranger to challenging conditions abroad. Yet one trip to Uganda a few years ago left an especially vivid memory.

"We set up our portable equipment in an open-air shed on the edge of a volcanic crater-lake where hundreds of locals were mining salt from the brackish water," says Dr. Shinn, who received the American Dental Association's 2013 Humanitarian Award. "The workers were covered with sores and waded in corrosive water in oppressive heat. We were immediately surrounded by a swarm of 80 curious, aggressive, boisterous men who crowded tightly around us yelling, jostling and jockeying for the next chance to get into an empty chair. Their noise, the tense atmosphere and the heat were stifling. This went on for hours.

"Then the wind came up, blowing concentrated sulfur dioxide







*"When you are exposed to extreme poverty, you begin to realize how blessed you are," says Dr. Johann Yi ('98), shown on a mission to Cameroon in 2011.*



## FIXING TEETH, TOUCHING HEARTS

fumes from the volcano across the lake onto our faces and into our noses. It reacted with our sweat and immediately turned to sulfuric acid. The wind also showered us with the blood and bacteria-laden spray from our drills and cavitrons. We persevered until dark, but the biochemical cloud, clammy, slimy skin and chaotic crowd control combination kept us wondering what we had gotten ourselves into and how we would ever get out unscathed. Somehow we did.”

Yet despite the difficulty of such missions, Dr. Shinn and other UW dental alumni find enormous rewards in volunteer trips abroad.

“I go a couple times a year because it ‘centers’ me spiritually,” says Dr. Jeff Parrish ('79) of Kirkland, Wash. “We have so much, and 95 percent of the world has so little. It is so easy to get in a rut and begin to complain that it’s too this or not enough that. Visiting and living with people who have so little reminds me to quit complaining and recognize how blessed I am.”

Dr. Thomas Roberts ('83) of Seattle, who partnered with a Tibetan lama to build a monastery with a clinic in Nepal, shares a further insight. He recalls a favorite moment from one of his

*Dr. Johann Yi ('98), Cameroon, 2010*



trips there, treating a young girl who was deaf with minimal signing skills.

“She had several deep cavities, but we had no way to explain to her the problem and the process,” he says. “All she knew was this funny-looking foreigner wanted to poke her with needles and make her mouth feel weird.”

It took two demanding days, but Dr. Roberts finally finished her treatment. And the next day, the girl returned with three of

her friends so they could get their teeth fixed too.

“Totally choked me up,” Dr. Roberts says. “She showed incredible bravery and gratitude.”

“Working overseas can be very challenging, but moments like that make it worth the trouble,” he continues. “I am sure that I am a completely different person [from] what I would have been had I not begun this process. I’ve gotten to see just how good I have it here and the level of suffering others endure in most of the world.”

Working through humanitarian organizations, on their own or with colleagues and friends, UW dental alumni have fanned out across the globe for decades to deliver dental care to people in truly desperate need. They have reached out to

*Dr. Jeff Parrish ('79, wearing a UW Dentistry T-shirt) takes a break with Patsy Cosgrove (Dental Hygiene '77, to his left) and Dr. Mike Buehler ('74, next to Cosgrove) during a mission in Anse Rouge, Haiti in January.*



## FIXING TEETH, TOUCHING HEARTS

people in the Philippines, Cambodia, Honduras, Nicaragua, Tibet, Haiti, Bolivia, Mexico, Kenya, Guatemala, Nicaragua, Bangladesh, the Dominican Republic and elsewhere, often facing primitive and even dangerous conditions.

For some volunteer dentists, the motivation is religious.

“We initially got involved with what seemed a calling from the Holy Spirit at our church,” says Dr. Richard Quinn (’74, Perio ’79) of Renton, Wash., who with his wife, Susann Quinn (Dental Hygiene, ’71), has made annual trips to northern Nicaragua with the Corner of Love ministry since 2002. “It was the most fulfilling call I have ever heeded.”

“Now as in the beginning, I was motivated by my faith,” says Dr. Michael Karr (’80), who retired three years ago after 30 years of practice in Granite Falls, Wash., and has gone on foreign missions for two decades. “I have always believed that God did not give me these skills for my own use and enrichment, and I have had no regrets giving back to these people who have nothing.”

The impetus to serve abroad extends beyond religious lines, however. “I don’t consider these trips altruistic missions, but rather a way to experience a culture more deeply by working directly with the people,” says Dr. Patricia Rothwell (’84) of Seattle, who has gone to Guatemala and Uganda.

And as Dr. Karr acknowledges, “I am driven by adventure! I have never liked visiting other countries as a tourist.”

Dr. Jim Sledge (’79) of Spokane, Wash., who was initially enlisted for dental missions by his friend and classmate Dr. Parrish, says, “I have always found it rewarding if for no other reason than providing an opportunity to connect with people whose only other exposure to Americans might be via Hollywood or the military.”

Volunteers also derive immense professional satisfaction from their work, as Dr. Mark Paxton (’80, GPR ’81) of Spokane will tell you. He has journeyed to Ecuador, Colombia, Honduras, Guatemala and Mexico with different groups, and since 1990 has worked with Hearts in Motion to perform cleft lip and palate surgery. He is also helping to influence a new generation of volunteers, taking three to six UW dental students on most of his Hearts in



*Dr. Mark Paxton (’80, GPR ’81) says of his work abroad, repairing cleft lips and palates: “It is the absolute best thing I do as an oral and maxillofacial surgeon.”*

Motion missions.

“It is the absolute best thing I do as an oral and maxillofacial surgeon,” Dr. Paxton says. “There is nothing better than putting someone’s face together and repairing a cleft lip or a cleft palate, whether it is on an infant or adult. To be able to make someone functional again, so that the patient can speak and swallow or to put their lip together so that they look and appear normal, is priceless.”

To be sure, these dentists are usually repaid with patients’ profound gratitude, which is

often matched by their fortitude.

Dr. Karr remembers a Haitian lady, about 60 years old, who had walked for two days over dirt trails and roads to get to the volunteer clinic. “She waited all day, then I flapped her entire upper periodontium, removed surgically many root tips and broken-down teeth, placed full arch sutures and told her she had to rest.”

The woman, he says, had other plans: “She told me she needed to start the two-day walk back home that night.”

During missions that can test the limits of coping skills and endurance, dentists need every bit of inspiration they can find. On one early trip, Dr. Parrish had to use a flashlight as he worked in a small room with no electricity or hand piece. “[The] first patient was quite squirmy when I anesthetized him because he had a gun in his back pocket that he was lying on,” he says. “[I] took it out and set it on the table next to my instruments. I was very careful to see that he was numb!”

“Chasing chickens, dogs, pigs, monkeys and other animals from our clinic areas, which are sometimes outside, or often in dirt-floored houses or churches, is not an unusual occurrence,” says Dr. Quinn. “Many times we have had hundreds of people waiting for us when we arrive at a clinic site, often two or three hours’ ride over rutted dirt roads from our base in San Ramon. Generator power and working into the dark are not unusual, and one time we ran out of gas for the generator while working.”

Says Dr. Roberts: “It took me four hours to remove a lower molar once because the power kept going out.”

**“We all search for something valuable in life. I think these experiences brought me tremendous rewards and moments to help me cherish my own life.”**

**—Dr. Alison Han (GPR ’02)**



## FIXING TEETH, TOUCHING HEARTS

Dr. Paxton sums up much of his experience in the tropics in this way: “Hot, hot, hot.” As he says, “I can handle the bugs, the lack of bathrooms and toilet paper, the geckos on the ceiling in the operating rooms, the difficulty in equipment and sterilization supplies, logistics of equipment and supplies, the ever-present [stomach] distress and diarrhea of traveling in Third World countries. But when I am trying to do a long O.R. case and you have surgical attire on with hats, booties and gowns and it is 115 degrees out with minimal to no air conditioning in the O.R., it tends to suck the energy out of me and make me totally exhausted at the end of every day.”

“[In Guatemala,] our goal was pain and infection control, almost always accomplished through extractions,” Dr. Rothwell says. “Without electricity or running water, our diagnostic tests were limited, the lack of X-rays being the most profound.”

Like many other volunteers, she has brought along her own supplies and instruments, along with staff members from her office. Even her children and her mother have come along to

*Dr. Sherwin Shinn, who received the 2013 ADA Humanitarian Award, comforts a young patient in Uganda.*



*Dr. Patricia Rothwell ('84, far right) has enlisted family and office staff on her missions. Here, dental assistant Jona Fournier (left) and dental hygienist Kelly Moser join her on the Nile River in Uganda.*

hold flashlights and sterilize instruments.

“We also brought translators, which can be difficult because there are so many dialects [in Guatemala] that a question or directions would have to go through two or three translations before it reached a patient,” Dr. Rothwell says.

Despite the conditions they encounter, volunteer dentists still work hard to uphold standards of professional care. As Dr. Quinn says, “We manage to follow sterilization guidelines under the most difficult of situations, and use good anesthesia protocols. ... Working in primitive circumstances does not mean being a ‘cowboy’ when it comes to basic sterilization, surgical techniques, basic patient comfort and the human connection in spite of language differences.”

Among other qualities, these missions also call for resilience. Volunteers must sometimes work through harsh, even tragic realities.

Dr. Paxton recalls having to tell numerous parents that their child was too sick – often from anemia or parasites – to undergo surgery. “I am very sure that some of these kids or infants were so sick that if we had tried to accomplish the patient’s surgery, the patient would not have done very well or potentially died during or shortly after surgery,” he says.

“I also know that when I sent some of these young kids and infants home, they most likely died at home due to progression of their disease or complications in the young patients and their inability to eat and have adequate nutrition. I have several photos over the years of infants that I could not accomplish surgery on and sent home, and I am sure some of them went home and passed away without ever getting their surgery accomplished.”

In the end, though, what endures is far greater than any pain-



## FIXING TEETH, TOUCHING HEARTS

ful regrets, these dentists say.

“We all search for something valuable in life,” says Dr. Alison Han (GPR '02) of Redmond, Wash., who has made multiple trips to Nepal. “I think these experiences brought me tremendous rewards and moments to help me cherish my own life.”

“We are so lucky to be in a profession where we are needed anywhere, but it is a responsibility too, whether we are doing pro bono treatment in our offices locally, or working in a foreign country,” says Dr. Rothwell. “I wonder if with just a twist of fate, I could be on the receiving end of this dental work.”

Dr. Johann Yi ('98) of Bellevue, Wash., who has visited Honduras, Mexico, Cameroon and Jamaica, says, “The most rewarding part of the trip is seeing children’s faces just light up when we give them small prizes. I have three children, and it’s heartbreaking to see kids suffer in poverty. ... When you are exposed to extreme poverty, you begin to realize how blessed you are. We have so much to be thankful for in this country.”

Dr. Shinn thinks back to his experience last year on another trip to Uganda, where his group was the first dental team allowed by the United Nations into camps harboring refugees from war-torn Congo, Somalia and Sudan. As hundreds of people waited for care, a frail 5-year-old girl named Nadia caught his eye.

“The left side of her face was twice normal size and her eye was swollen shut from infection from abscessed teeth,” he says.

*Dr. Thomas Roberts ('83) of Seattle partnered with a Tibetan lama to build a monastery with a clinic in Nepal, where he makes annual visits.*



*Dr. Richard Quinn ('74, Perio '79) treats a patient in Nicaragua, assisted by dental student Isaac Lee.*

“She couldn’t open wide enough for treatment, so I put her on antibiotics and had the interpreter tell the mom to bring her back in three days. ... She walked away barefooted, wearing a dirty, torn-up rag for a dress. She tugged at all of our heartstrings and we prayed she would return for treatment.” She did, to the team’s elation.

“The swelling had gone down a lot and she was feeling better,” Dr. Shinn says. “We took our time with the oral surgery and got the teeth out comfortably.” And then they gave Nadia a new dress and shoes. They were the first she had ever owned.

“At first she didn’t understand they were hers, but when she did, she clutched them tightly to herself, buried her face in the soft dress and tried to hide her overwhelming emotion and smiled. I helped her put on her new sandals and hugged her. She gazed deep into my eyes with a look of appreciation I’ll never forget,” he says.

Dr. Shinn reflects on how his volunteerism has changed him: “It has allowed me to witness and become educated about the real truth of the conditions of the rest of the world. I have learned to respect and appreciate other cultures and how they live day to day with determination and gratitude despite their circumstances. When I think about all the experiences and adventures I’ve had, I feel honored, lucky and happy that I’ve had this opportunity to use dentistry to serve people and make their lives a little easier.” ■



# Fast track to the future

## DDS/PhD program keeps UW on leading edge of dentistry, science

**N**ow in its 10th year, the UW's DDS/PhD Program has established itself as a training ground for new dental faculty and researchers. The highly selective program, accepting just one new student each year, has also proved to be a magnet for some of the brightest young minds at our School.

Students in the dual-track program, which is found at only a handful of other schools nationwide, have won a slew of prestigious recognition including the ADA/Dentsply Student Clinician Award, AADR and IADR Hatton Awards, Quintessence Award for Research Achievement, American Association of Oral Biologists Award and UW Magnuson Scholar. It is an elite group on the leading edge of dentistry and science.

"Research is the key driver of innovation in all fields. Dentistry is no exception," says Dr. Richard Presland of the Department of Oral Health Sciences, who has directed the Oral Biology graduate program since 2006. "Since the majority of research discovery in most fields occurs in university or university-affiliated laboratories and clinics, it is important that dental schools hire faculty who have advanced research training, if the U.S. is to maintain its edge in research and innovation."

The DDS/PhD program also offers a powerful inducement to go into teaching, Dr. Presland says: "There is a recognized

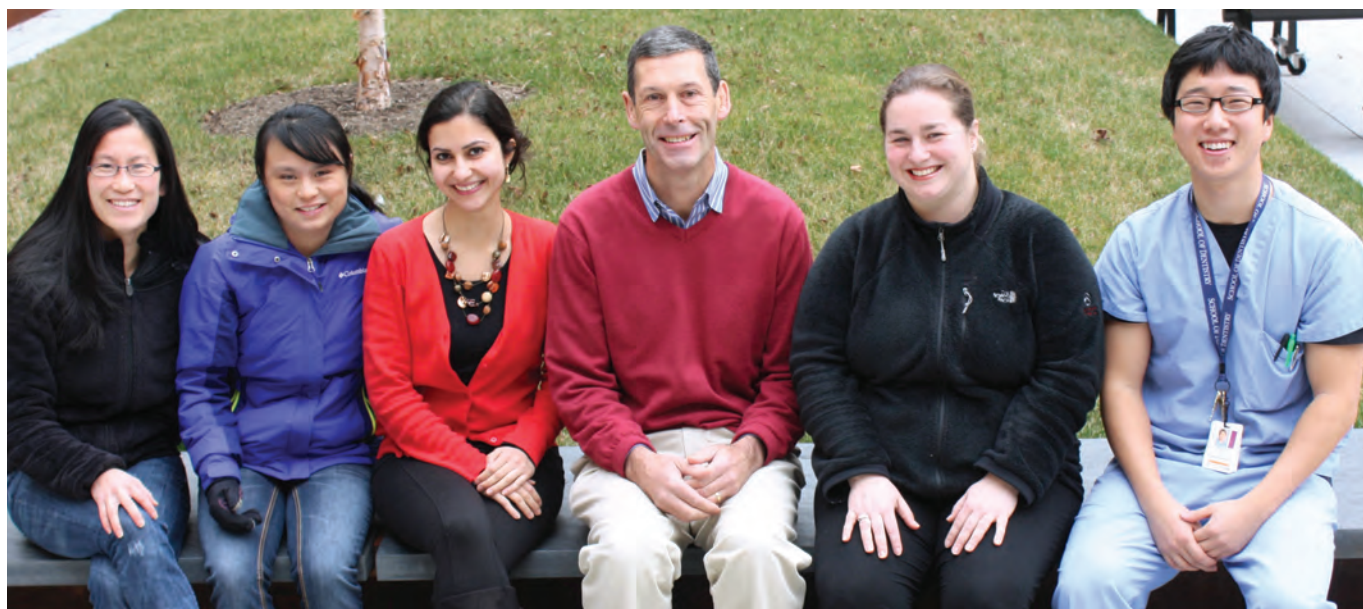
shortage of people who will become dental school faculty because they graduate from dental school with a big debt load and need to go into practice to pay off these loans." He also cites the length of time required to finish a dual-degree program, which is typically about eight years.

The beauty of the UW program, he says, is that its oral health training grant, funded by the National Institute of Dental and Craniofacial Research, pays part of the students' tuition plus a living allowance for at least five years.

The Oral Biology graduate program receives applications from around the world, including many from China and Saudi Arabia, Dr. Presland says, crediting program assistant Jennifer Kohn with a big role in coordinating all the applicants and enrollees.

For the DDS/PhD track, students must apply to both programs, with each application reviewed independently. As a rule, students must also be admitted to both programs at the same time, but there have been exceptions.

Most of the PhD component begins after the completion of the DDS. Students continue to practice in clinic to keep their skills sharp while they conduct PhD research. At the end of the program, they are prepared to go into clinical specialty training if they so desire.



Program director Dr. Richard Presland is flanked by DDS/PhD students (from left) Dr. Catherine Koto, Dr. Emily Chu, Dr. Atriya Salamati, Dr. Ara Greer and Jonathan An. Not shown: Michael Baldwin.

All candidates must have a passion for clinical training and research training, and their backgrounds usually include a lot of research acquired as undergraduates or through working in research labs.

“We ask certain questions in the interview to get a sense if they want advanced research training,” says Dr. Presland. “We’re training future faculty. That’s the end goal of this program: ‘Are you interested in a career in teaching and dental research?’”

Students spend their first two summers of dental school working in the Summer Undergraduate Research Fellowship (SURF) program, which serves as their research rotations.

“By the time they finish the DDS component, they will have decided on a research project and a mentor and will have completed some PhD course work,” says Dr. Presland. “From fifth year onwards, they are working full time on their research project and course work. They’re also working on getting their Washington State licensing so they can work as clinicians.”

The combined program currently has six enrollees: Dr. Emily Chu (’12, sixth year), Dr. Atriya Salamati (’13, fifth year), Dr. Catherine Koto (’10, eighth year) and Dr. Ara Greer (’10, eighth year) and Jonathan An and Michael Baldwin (both pre-doctoral students). It is small for two reasons: It can fund only one student a year and it’s for a very select student.

“We get two or three applicants a year. They choose this training because they really want to make a difference in the world,” says Dr. Presland. “We can get a little bigger, but not much. We want to maintain a high standard.”

The program’s first student in 2004, Dr. Jeremy Horst (’08, Oral Biology ’10), has already shown its potential. After earning his PhD, Dr. Horst returned to his hometown of San Francisco for a residency in pediatric dentistry at UC San Francisco, where he also holds a research position in the Department of Bioengineering. In 2013, he received the Ralph E. McDonald Award from the American Academy of Pediatric Dentistry for outstanding graduate student research project. Some of his most recent research uses computer-based approaches to identify potential new drug targets against bacteria that cause dental caries, including *Streptococcus mutans*.

At the UW, where he was a Warren Magnuson Scholar and won honors including the prestigious Hatton Award from the American and International Associations for Dental Research, he served on faculty practice in the Dental Fears Research Clinic and was an attending dentist in the Urgent Care Clinic.

Among the current students, Dr. Chu’s path to the program started after she finished her undergraduate studies in 2006

and joined the lab of Dr. Martha Somerman, then our Dean. There she was introduced to dentistry and dental research, which kindled her interest in the clinical and research aspects.

“One of my main reasons for choosing the DDS/PhD program is its excellent reputation in clinical training and in research,” says Dr. Chu, who is working on her dissertation research full time and working part time as a general dentist in private practice. “The DDS experience is diverse. It features on- and off-site rotations, a variety of electives and research opportunities. Importantly, the School of Dentistry fosters a supportive atmosphere for research. In the DDS/PhD program, students have input and flexibility in the direction of their training.”

Dr. Greer, an affiliate instructor in the Dental Education in Care of Persons with Disabilities (DECOD) clinic, says her work experience gave her the confidence and drive to undertake the long PhD process. Prior to entering the dual program, she was an environmental microbiologist for King County.

“I like the social interaction with the patients a lot and I get two different viewpoints of the field,” says Dr. Greer. “These credentials will help me obtain a faculty position.”

Jonathan An was drawn to the dual program through several advisors, including Dr. Whasun Oh Chung, SURF program director. Although he was attracted by the freedom to pursue his research interests, he also liked the patient care he encountered as a dental assistant.

The combination “changes your perspective,” he says.

“Research is really about helping people. That’s the clinical aspect. I really understand what patients need. I want that to be a driving force in what I want my research to be,” says An.

The students work on a variety of research questions, including the biology of cleft lip and palate; periodontal pathogens and how they circumvent the immune system and contribute to the onset of periodontal disease; and the study of tooth movement in normal and disease states. Their clinical background brings a different perspective to their research projects, which sometimes can lead to breakthroughs in a field.

“That’s the beauty of a dual program,” says Dr. Presland. “They can see the problem from both sides.”

Another important part of student training is writing grants. Dr. Chu, Dr. Koto and Dr. Horst received federally funded NIH fellowships that will support them almost to the end of their DDS/PhD program.

“We’re building for the next generation of scientists and faculty,” Dr. Presland says. “It’s essential to maintain. It’s important you train these kinds of people.” ■

**“...It is important that dental schools hire faculty who have advanced research training, if the U.S. is to maintain its edge in research and innovation.”**

*Dr. Richard Presland, program director*



# faculty updates



**Dr. Richard Darveau**, whose research into various aspects of *Porphyromonas gingivalis* has earned international recognition, has been selected to receive the American Association for Dental Research/International Association for Dental Research William J. Gies Award in the Biological

Research category. Dr. Darveau, Chair of the Department of Periodontics, was recognized for his paper titled “*Porphyromonas gingivalis* as a Potential Community Activist for Disease.” The annual award, also given in the categories of Biomaterials & Bioengineering Research and Clinical Research, recognizes the best papers in those fields published in the *Journal of Dental Research*.



**Dr. Peter Milgrom** of the Department of Oral Health Sciences has been chosen to receive the 2014 International Association for Dental Research’s Irwin D. Mandel Distinguished Mentoring Award. This award recognizes an exemplary record of fostering and promoting research training

and career development of students, trainees and junior faculty. In 2012, Dr. Milgrom received the American Dental Association’s Norton M. Ross Award for Excellence in Clinical Research, the ADA’s highest such honor.



**Dr. Timothy A. DeRouen**, former Interim Dean of our School and now Director of the Center for Global Oral Health, was named the 2013 Distinguished Alumnus of the Year by the alumni association at his undergraduate alma mater, McNeese State University in Louisiana. DeRouen earned

his bachelor’s degree in mathematical statistics from McNeese in 1967 and then an MS and PhD in statistics from Virginia Tech University. At the School of Dentistry, his posts have included director of the training program in oral epidemiology and biostatistics, director of the Summer Institute on Clinical Dental Research Methods, director of the Comprehensive Center for Oral Health Research and Executive Associate Dean for Research and Academic Affairs. He will assume the presidency of the American Association for Dental Research this year. In 2012, Dr. DeRouen received an honorary DDS from Thammasat University in Bangkok in recognition of his development of an international training program in oral health.



**Dr. Arthur J. Nowak**, affiliate professor in the Department of Pediatric Dentistry and former director of clinical research at The Center for Pediatric Dentistry, has been named a Legacy Laureate by the University of Pittsburgh, from whose School of Dental Medicine he received his DMD in

1961. Launched in 2000, the Legacy Laureate program honors outstanding alumni achievement in professional and civic leadership. Dr. Nowak, who is professor emeritus of pediatric dentistry and pediatrics at the University of Iowa, is a widely published authority on pediatric dentistry and special-needs dentistry. He has received the Distinguished Service Award and the Manuel M. Album Award from the American Academy of Pediatric Dentistry and was named 2004 Distinguished Alumnus of the Year by Pitt’s School of Dental Medicine.



**Dr. Frank Roberts** of the Department of Periodontics has been named Director of Regional Initiatives in Dental Education (RIDE). Dr. Roberts has worked closely with the program since its launch in 2007. His appointment comes in recognition of a

shift in responsibilities for Dr. Wendy Mouradian, Associate Dean for Regional Affairs and RIDE, who founded the program. Dr. Mouradian has taken on a new role as the School’s lead in working with the UW School of Medicine to integrate oral health into the medical curriculum, and is also serving as Acting Associate Dean for Academic Affairs. She will continue to work on a more limited basis with the RIDE program, a regional dental education collaboration with Eastern Washington University and Washington State University.



**Dr. Greg Huang**, Chair of the Department of Orthodontics, was co-author of a paper featured on the cover of the September 2013 issue of the *Journal of the American Dental Association*. The paper, titled “Minimally Invasive Resin Infiltration of Arrested White-Spot Lesions: A Randomized

Clinical Trial,” found resin infiltration, a minimally invasive restorative treatment, to be effective for white-spot lesions that formed during orthodontic treatment.

# volunteer honor roll

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

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

## **Analysis Of Regenerative Treatment Outcomes in Immature Permanent Teeth**

**PI: Dr. Natasha Flake**

**Co-PIs: Dr. Asma Khan, Dr. Jennifer Gibbs**

**Collaborators: Dr. Amy Kim, Lloyd Mancl**

Traditional treatment options for immature necrotic teeth with open apices result in a guarded long-term prognosis due to thin dentin walls, an incompletely formed apex, and in some cases, short roots. Regenerative endodontic treatment strategies have become increasingly popular in the past decade. A major advantage of regenerative endodontic treatment is further development of the root in the immature tooth, which is expected to increase the long-term survival of the tooth. Despite dozens of case reports that suggest that regenerative endodontic treatment is successful, there is little data available on the outcomes of these treatment protocols. The purpose of this grant is to investigate outcomes of regenerative endodontic treatment in a multi-center observational cohort study. The study will be conducted at three academic centers: the University of Washington, the University of North Carolina, and New York University. A retrospective chart review will be conducted to identify patients who have been previously treated with regenerative endodontics or apexification. Data will be extracted from the chart review, and a cohort of patients will continue to be followed. This approach will allow us to compare the outcomes of regenerative endodontics and apexification and to follow patients for several years after treatment. Both radiographic and clinical success will be measured. Patient- and tooth-related factors that predict success will also be assessed. These studies will provide the highest level of evidence on regenerative endodontic outcomes to date. The results will impact clinical endodontic practice and inform future clinical trials of regenerative endodontics.

## **The Role of CD44 Receptor-Ligand Interactions in PDL Cell Migration**

**PI: Dr. Tracy Popowics**

The long-term goal of this research is to define the role of CD44 receptor-ligand interactions in the migration responses of periodontal ligament (PDL) cells such that therapeutic strategies to promote periodontal healing may be developed to target these mechanisms. Traumatic dental injury often includes tearing of the PDL or loss of the tooth upon impact. Current treatments include a lengthy time period for recovery (6-12 months), such as in replantation of the tooth followed by splinting. Engineering PDL cell migration to the wound environment holds the potential to speed the tissue's healing. Our hypothesis is that CD44/hyaluronan (HA) interactions mediate PDL healing through regulation of PDL cell migration. The rationale for this hypothesis is that the CD44 receptor regulates the formation of focal adhesions on the cell surface that participate in cell movement. Additionally, a localized build-up of low molecular weight hyaluronan (LMW-HA), a promigratory ligand of CD44, occurs at wound sites. Thus, this study will in-

vestigate the role of CD44/HA interactions on the migration speed, traction forces, and focal adhesions of PDL cells. Migration paths of CD44 wild-type (WT) and knockout (KO) PDL cells will be analyzed in culture using live microscopy with single-cell tracking. Micropost technology will be used to quantify cellular traction forces and focal adhesions. The results of this study will demonstrate the role of CD44/HA interactions in the mechanics of PDL cell migration and explore an important new direction for treatment of wound healing in oral tissues.

## **Functional Tooth Mobility**

**PI: Dr. Zi-Jun Liu**

Mobility is a fundamental characteristic of dental biomechanics, allowing the tooth to move within its socket to disseminate and relieve loads. Tooth mobility is determined structurally by periodontal tissues (ligament, gingiva, extracellular matrix and attachments to cementum and bone) and functionally by occlusal and muscular forces, and has been one of the most widely used periodontal parameters to determine individual tooth prognosis. However, excessive mobility may not be a valid indicator for extraction, because mobility is also an intrinsic protective and adaptive response. Effective treatment planning requires an understanding of the normal range of tooth mobility during function. Surprisingly, functional tooth mobility has never been directly measured; thus we know neither the normal range of movement nor the threshold for "excessive" mobility. Consequently, clinical guidelines for the management of unstable teeth do not exist. The lack of such data reflects the difficulty of making intraoral measurements during normal function as well as the impossibility of performing invasive studies on human subjects, much less clinical patients. Hence, we propose to develop a minipig model. This species is the most accepted and well-described animal analog to human mastication, and its multi-rooted posterior teeth are quite similar to those of humans. Through the innovative combination of implantable miniature transducer technology for measuring 3D tooth root displacement within its socket and accompanying alveolar bending and interstitial fluid pressure, we plan to examine the normal range of functional mobility of mesial roots of the maxillary first molar, and to assess how these physiological kinetics are affected by various degrees of alveolar bone loss. The work will establish proof-of-principle for the engineering methods involved and baseline data for planned future studies that will investigate the prognosis for teeth that are mobile because of loss of alveolar bone. The deliverables of the proposed study will be the first in vivo determinations of how chewing displaces teeth, and the potential translational payoffs will be to develop better clinical strategies to preserve compromised teeth.

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

# class notes

## ■ CLASS OF 1959

**Dr. Desmond Neff**, Edmonds, Wash.: Thanks to dentistry, retirement has been good to us. Bev and I celebrated our 61st wedding anniversary in August 2013.

## ■ CLASS OF 1960

**Dr. Curt Smith**, Bellingham, Wash.: I am no longer the WDS Associate Dental Director, having become a less lofty consultant, handling appeals and complaints. It's a position that gives a great view of dentistry in this century. While various body parts have become less and less trustworthy, my brain, fortunately, continues to function, making it possible to look at the trials and travails of dentists and be amazed and amused. Best to all my fellow survivors of the Jerry Stibbs years.

## ■ CLASS OF 1961

**Dr. Roger Meyer**, DDS, MD, Greensboro, Ga.: I am working part-time in a surgery practice in Marietta, Ga., and also doing a lot of writing with one of my practice partners: six articles in surgery journals and three book chapters published in 2013, mostly about micro-surgery. My wife, Sheila, and I have traveled to Alaska, Hawaii, Arizona, Louisiana and California recently. A fourth grandchild is expected in May 2014. Tennis, hiking, piano and cooking provide physical fitness, dexterity and pleasure. We are blessed!

## ■ CLASS OF 1974, PERIODONTICS 1979

**Dr. Richard S. Quinn**, Renton, Wash.: Retired from the practice I founded in 1979, Valley Implants & Periodontics. I continue to work part-time in downtown Seattle, and I and my wife (Susann Quinn, 1971 BSDH, RDH) continue to serve the unserved in Nicaragua through Corner of Love in Maple Valley, Wash., and San Ramon, Nicaragua. More travel is on the near-term agenda!

## ■ CLASS OF 1979

**Dr. Stephen Kirkpatrick**, Olympia, Wash., wrote an article for the Aug.-Sept. 2013 *Journal of Dental Technology*. He coined the term "Museum Syndrome" for crowns that are beautiful, but not correct functionally. They belong in a museum, not in a patient's mouth. His article also reminds dentists to adjust the cusps most likely to break: lower lingual and upper DL. He practices in Olympia and continues to work in tribal clinics.

## ■ CLASS OF 1994



**Dr. Mark Grace (right) and Dr. Tim Hess (left) were inducted as Fellows in the International College of Dentists during the ADA annual meetings in New Orleans at the end of October. Dr. Dexter Barnes ('69), ICD regent, did the honors.**

## ■ CLASS OF 1999

**Dr. Nhi Pham**, Mukilteo, Wash.: Just wanted to give a quick thank-you to Randy Newquist for organizing the Dental Alumni Football Luncheon! Our family had a lot of fun and the girls were so excited to win some raffle prizes. We were on a lucky streak and probably should have played Lotto that day, too! Even though the rain was torrential and unforgiving, our youngest daughter, 3-year-old Kovi, was cheering at the top of her lungs, "Go Huskies" and shaking the pompoms she brought from the lunch! It was great to show my three daughters (Kayla, Heaven and Kovi) where Mommy went to school. My husband, Christian Kim, who is a hard-core Huskies fan, was pretty excited to spend the day on campus as well.



## ■ CLASS OF 2006

**Dr. Anna Forsyth**, Sherwood, Ore.: My husband, Ryan, and my son Allen (age 4) and I were delighted to welcome baby Gabriel on Aug. 30, 2013. We are enjoying life in Sherwood and I am currently practicing as a pediatric dentist at Hi5 Dental in Aloha, Ore.

## ■ CLASS OF 2013 (PERIODONTICS)

**Dr. Brad Weinstein**, Seattle: I was honored to receive the Balint Orban Memorial Award for the best clinical research by a periodontist completed within 18 months of graduating from his or her residency. It is considered the hallmark resident award at the Academy of Periodontology. The title of the project was "Prevalence of Peri-implant mucositis and Peri-implantitis: A 10-year follow-up." Now I am practicing downtown in a practice called Advanced Periodontics, Microsurgery and Implantology of Seattle, which is in the Medical Dental Building, and I am also teaching half a day per week in the predoctoral Perio clinic.



**Dr. Brad Weinstein receives a research award from Dr. Nancy Newhouse, outgoing president of the American Academy of Periodontology.**



## reunions

### ■ CLASS OF 1958

The Class of 1958 had its "55" reunion on Sept. 9, 2013 in Lynnwood, Wash. The reunion started with five members playing golf at the Everett Golf Club. We had 15 classmates, 10 wives and two widows of classmates who all enjoyed the wonderful dinner and camaraderie. We passed a microphone around and got an update on the classmates' lives, which was very entertaining.



From left: Al Bloss, Vaughn Ransom, Roland Hublow, Ron Tracy, Dick Westin, Roland Komasa, Gene Wilskie, Ted Ramage, Bob Jorgensen, Bill Howard, George Fraley, Trevor Bryant, George Mahoric and Ron Bollinger. Jack Erickson is not pictured.



From left: Doreen Ramage, Sharon Westin, Sheila Reid and Norma Wilskie

### ■ CLASS OF 1962

The Class of 1962 gathered in Tucson. We left on Oct. 27, 2013 and spent four days at the JW Marriott Starr Pass Hotel, a huge, very nice place. There were eight couples: Jim Adams, Jim Eshelman, Maury Dahlquist, Al Leonard, Pete Riley, Clyde Sabala, Terry Frere and John McGwire. We went to see a Titan 2 missile silo. Although a missile was never fired from a silo, it was used to launch several space flights. Then we went to the Pima Air Museum, which has more than 300 airplanes on display and a tour of Sabino Canyon, which kind of has its own ecosystem. We ate a lot and drank a lot and had a good time. It was good to see everyone. The group was small enough that we got to spend time with everyone. Dr. Frere has a home there and made the arrangements. We decided to get together again in 2015. Dr. Sabala, who lives in Reno, will be making the arrangements.

### ■ CLASS OF 1963

The Class of 1963 met for its 50th reunion at beautiful Lake Chelan on Sept. 4 and 5, 2013. We had 57 in our graduating class. Nine are now deceased. Twenty-six classmates were in attendance at the two-day event. Classmate Bob Jankelson hosted us at Tsillan Cellars Winery and Sorrento Ristorante, his beautiful winery and restaurant overlooking the lake. The next day was spent on the golf course and at classmate Tom Jones' home farther north on the lake. Then we enjoyed another gathering at the Lake Chelan Winery, where memories were exchanged and class photos taken. Jim Mock was chair of this great reunion and plans were made to meet again at the same venue for our 55th. Ross Taylor produced a composite photo CD of this and three other past reunions. We are quite well connected as a class and look forward to several more gatherings.



### ■ CLASS OF 1964

The Class of 1964 will celebrate its 50th class reunion on Saturday, July 26, 2014. A tour of the Dental School will take place from 4 to 5 p.m., followed by a reception from 5 to 6 p.m. Dinner and a program will go from 6 to 10 p.m. The reception and dinner will be held in the Vista Café in the William H. Foege Building (Department of Genome Sciences), at the UW, near the Dental School. For more information, please contact Dr. Tom Ware at 206-523-8094 or Dr. Robert Flennaugh at 206-399-2494.

### ■ CLASS OF 1983

The Class of 1983 celebrated its 30-year-reunion at Daniel's Broiler in Bellevue, Wash. We had over 80 in attendance, with 47 of our esteemed classmates. The venue was excellent and we had a great time. It is amazing after 30 years that everyone was exactly the same!

We had people come from Utah, Hawaii, Arizona, California, Montana and Oregon. The reunion committee did an excellent job organizing everything and making this a reality. Special thanks go to the committee members: Bob Johnson, Tom Roberts, Stacy Gilmore, Gina Trask, Gary Burt, Carol McCutcheon, Heidi Horwitz and Tony McLaughlin.



## in memoriam

As always, we are saddened to note the passing of classmates, colleagues and friends. To read a fuller accounting of their life stories, please go online to our School of Dentistry Alumni page at <http://dental.washington.edu/alumni-friends/> and click on "In Memoriam" under "Alumni & Friends" on the right side.

### **DR. WILLIAM CHRISTIANSON CLASS OF 1952**

Dr. William Christianson died on Dec. 5, 2013 in Coupeville, Wash., after a lengthy battle with cancer. He was 88. Dr. Christianson, who went by "Doc" or "Chris," began his dental practice in Mountlake Terrace. He was the town dentist in Cathlamet, Wash., for more than 35 years before retiring to Coupeville. He served on the board of the Washington State Dental Association.



### **DR. ERIK PIHL CLASS OF 1953, ORTHODONTICS CLASS OF 1959**

Dr. Erik "Bill" Pihl passed away at home in Mount Vernon, Wash., on Nov. 30, 2013. He was 85. Dr. Pihl received his undergraduate degree from the University of Washington along with his DDS and graduate degree in orthodontics. He was an ardent Husky fan and supporter. In 1959, he established his Mount Vernon orthodontic practice, which spanned more than 40 years.

### **DR. LORENZO PATELLI CLASS OF 1963**

Dr. Lorenzo "Larry" Patelli died on Dec. 11, 2011 in Surprise, Ariz. He was 73. He retired from his Seattle dental practice after 30 years.



### **DR. WILLIAM ROSENDAHL CLASS OF 1963**

Dr. William "Bill" Rosendahl died from a cancerous brain tumor on March 12, 2012 in Seattle. He was 75. His passion for dentistry and serving his patients lasted 48 years with offices in Seattle's University Village area and on Vashon Island. He started a dental assistant training school in Seattle in 1995 and enjoyed teaching and mentoring these students. Dr. Rosendahl was a life member of the Seattle-King County Dental Society, Washington State Dental Association and American Dental Association and a member of the Pierre Fauchard Academy.



### **DR. JAY REED WEST CLASS OF 1963**

Dr. Jay Reed "Uncle Jay" West of Layton, Utah, passed away on Oct. 15, 2013. He was 77. Before earning his DDS at the University of Washington, where he also served on the faculty, he received a BS degree from Utah State University. He earned a degree in orthodontics from Northwestern University in Chicago and practiced in Clearfield, Utah, until he retired in 1990.



### **DR. IAN C. BENNETT PEDIATRIC DENTISTRY CLASS OF 1964**

Dr. Ian Cecil Bennett, who went on to become dean at two dental schools after his residency at the University of Washington, died on Jan. 6, 2014 in Whatcom Hospice House in Bellingham, Wash., at age 82. He served as dean at the University of Medicine and Dentistry of New Jersey (now the Rutgers School of Dental Medicine), where at age 39 he became the youngest dean at the time and was instrumental in the building of the new dental

school; and at Dalhousie University in Halifax, Nova Scotia, where he first joined the dentistry faculty in 1963 as head of the Division of Paedodontics and later returned as dean from 1976 to 1986.



### **DR. DOUGLAS VERN MAUERMAN CLASS OF 1972**

Dr. Douglas Vern Mauerman of Rochester, Wash., passed away peacefully at his home on July 13, 2013. He was 72. He worked for Weyerhaeuser in Cosmopolis, Wash., until 1967, when he returned to school to pursue his DDS at the University of Washington. Dr. Mauerman practiced dentistry in Centralia from 1972 to 2010.



### **DR. CURTIS SAPP CLASS OF 1977**

Dr. Curtis Sapp of Olympia passed away on Feb. 3, 2013. He was 63. After completing his undergraduate degree in Pharmacy at the University of Washington, Dr. Sapp earned his DDS at the UW and membership in Omicron Kappa Upsilon. After earning a degree in Orthodontics from the University of Connecticut, he moved to Olympia in 1980 and opened orthodontic practices there and in Shelton. An orthodontist for nearly 30 years, he was a founding member of the Thurston-Mason County Dental Society, where he served as an officer and president. He also worked on the cleft palate board for Thurston County with a team of specialists. Toward the end of his career, Dr. Sapp also worked as an affiliate faculty member at the School of Dentistry.



### **DR. DANIEL M. TAYLOR ORTHODONTICS CLASS OF 1980**

Dr. Daniel Miles Taylor passed away on Nov. 11, 2013 at his home near Snohomish, Wash., where he practiced orthodontics and involved himself in the community. He was 63. Dr. Taylor became president of the Washington State Society of Orthodontics and was a member of the American Board of Orthodontics and the Edward H. Angle Society of Orthodontists.



### **DR. REX INGRAHAM FIRST ERNEST M. JONES LECTURER**

Dr. Rex Ingraham, a leading figure in restorative dentistry and occlusion, passed away on Sept. 21, 2013 in Glendale, Calif., where he lived since the late 1940s. He was 99. Dr. Ingraham was the UW School of Dentistry's first recipient of the Ernest M. Jones Lectureship 44 years ago. A dental faculty member at the University of Southern California for more than 40 years, he conducted pioneering research on the use of gold foil and cast gold restoration procedures and authored hundreds of articles and research papers, as well as widely used textbooks. Dr. Ingraham helped adopt and lectured about high-speed dental instruments, and received USC's Half Century Trojan Hall of Fame Award in 2010. He was the recipient of numerous other prestigious awards and honorary degrees, a member of many professional and scientific organizations and an active alumnus whose efforts were recognized with the naming of the USC dental school's Rex Ingraham Second Floor Clinic.



## SPOTLIGHT COURSE

### ■ FRIDAY, MAY 16

#### **CE1383: Better Medicine, Better Dentistry: Clinically Useful Pharmacology to Make You a Better Provider Beginning Monday Morning!**

This course is designed for dentists, hygienists and dental assistants. It is co-sponsored with the University of British Columbia.

**COURSE DESCRIPTION:** Providing dental care to fearful patients continues to be a major challenge facing dentists. This course will cover the science and art of pain control and anxiety management in an interactive and engaging multimedia presentation, delivering strategies that dentists and their team members can implement in the office on Monday morning. Topics will include: Patient Assessment, Monitoring and Equipment; Oral Sedatives; Sedation Solutions for Medically Complex Patients; Proven Strategies for Successful Analgesia and Pain Control; and Antibiotic Update and Prescribing Tips.

**As a result of attending this program, you will be able to:**

- Discuss the principles of pharmacokinetics and pharmacodynamics.
- Understand the clinical significance of bioavailability and half-life.
- Match the right drug at the right dose to the right patient and the right procedure.
- Describe the characteristics of the ideal sedatives for in-office use and give examples.
- Achieve optimal patient care through appropriate antibiotic prescribing (especially for cardiac and orthopedic patients).
- Describe the most effective recipe for post-operative pain control.
- Understand the equipment required to monitor your patients safely.

**INSTRUCTOR:**

Mark Donaldson, BSc (Pharm), RPh, PharmD, FASHP, FACHE, Director of Pharmaceutical Services at the Kalispell Regional Medical Center in Kalispell, Mont.

**LOCATION:**

Mount Baker Theatre, Bellingham, Wash.

**TIME:** 8:30 a.m.-4:30 p.m. (lunch included)

**CREDITS:** 7

**TUITION:**

**Before April 16:** \$279/Dentist; \$179/Dental Hygienist, Dental Assistant and Office Staff

**After April 16:** \$299/Dentist; \$199/Dental Hygienist, Dental Assistant and Office Staff

**NOTE:** There are no discounts for this program.

**REGISTER:**

Register for this course through the University of British Columbia's Office of Continuing Dental Education: [www.dentistry.ubc.ca/Education/Cde](http://www.dentistry.ubc.ca/Education/Cde); 604-822-6156

### ■ FRIDAY, MARCH 28

#### **CE1364: The 44th Annual Ernest M. Jones Memorial Lectureship**

#### **The Internet: What's Happening Today That Should Change the Way You're Doing Business**

Lou Shuman, DMD, CAGS

Meany Hall, University of Washington

6 credits

### ■ FRIDAY APRIL 4

#### **CE1371: Update in Periodontics**

Faculty of the UW School of Dentistry Department of Periodontics

Center for Urban Horticulture, University of Washington

7 credits

### ■ SATURDAY, APRIL 12

#### **CE1373: To Biopsy or Not to Biopsy: Interactive Soft Tissue Oral Pathology for the Dental Practitioner**

Dolphine Oda, BDS, MS

Marcus Whitman Hotel, Walla Walla, Wash.

7 credits

### ■ SATURDAY, MAY 3

#### **CE1381L: Hands-on CAD/CAM Restorative Experience**

Gary Severance, DDS

Health Sciences Center, University of Washington

7 hours

### ■ FRIDAY, MAY 9

#### **CE1384: Cone Beam CT for the General Practitioner**

Johan Aps, DDS, MS, PhD; and Peggy Lee, BDS, MSD, PhD

Washington State History Museum, Tacoma, Wash.

7 hours

### ■ FRIDAY AND SATURDAY, MAY 30-31

#### **CE1382: Diode Laser Practice Refinement**

Janet Press, RDH

Center for Urban Horticulture, University of Washington

Full-day lecture on Friday. Optional half-day hands-on workshop on Saturday.

Lecture: 7 credits

Half-day workshop: 3.5 credits

## CDE welcomes Emily Rademacher



Emily Rademacher

Emily Rademacher, CMP, has been named Assistant Director of Continuing Dental Education. Before relocating to Seattle, Rademacher worked in Washington, D.C., where she was Conference/Meeting Manager for the Nuclear Energy Institute for four years and, before that, Manager of Programs for the Biotechnology Industry Organization and Meeting Planner for Annual Meeting and Logistics at the National Association of College and University Business Officers. Rademacher is secretary of the Professional Convention Management Association Capital Board of Directors. She earned a Master's of Tourism Administration degree with a concentration in event management from George Washington University and a BA in International Service from American University.



## Travel to Hawaii and learn in 2015!

■ **SATURDAY-SUNDAY, FEB. 14-15, 2015**

**CE1455: To Biopsy or Not to Biopsy:  
Interactive Soft Tissue Oral Pathology for the  
Dental Practitioner**

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

**COURSE DESCRIPTION:** This energetic course will provide up-to-date information on chemicals and drugs causing oral diseases. You will leave this program with ample knowledge and renewed interest and enthusiasm for the field of oral pathology. The course will provide necessary information directly applicable to improving the everyday practice of diagnosing oral diseases.

**As a result of attending this course, you will:**

- Identify the difference in clinical presentation of tobacco and HPV-induced oral cancer.
- Discuss the most common and important oral epithelial and soft-tissue lesions.
- Explore the latest technology regarding oral cancer detection.
- Determine what to biopsy and when.
- Formulate an applied differential diagnosis specific to each disease.
- Recognize chemicals and drugs that cause oral diseases including bone necrosis.



Dr. Dolphine Oda

**INSTRUCTOR:** Dolphine Oda is a Professor of Oral Pathology in the Department of Oral and Maxillofacial Surgery. Dr. Oda is on the medical staff at the University of Washington Medical Center and Harborview Medical Center. Although her main commitment is to patient care through the biopsy service in the Department of Oral and Maxillofacial Surgery, teaching

is her passion. She has been honored with 28 teaching awards, the latest being a University of Washington Distinguished Teaching Award.

Dr. Oda's research is in the field of molecular changes in oral carcinogenesis. She has 70 papers published in refereed journals and publishes a monthly column called "Case of the Month." She is a diplomate of the American Board of Oral and Maxillofacial Pathology and holds Washington oral pathology and dental licenses. She is also a member of the American Academy of Oral and Maxillofacial Pathology, the International Association of Oral Pathologists and the United States Canadian Academy of Pathology.

**LOCATION:**

Sheraton Maui Resort & Spa on Kaanapali Beach  
2605 Ka'anapali Parkway  
Lahaina, HI

**TIME:**

Registration and Continental Breakfast: 8-8:30 a.m.  
Course: 8:30 a.m.-12:30 p.m.

**CREDITS:** 8

**TUITION:**

**Before Feb. 12, 2015:** \$279/Dentist; \$179/Dental Hygienist, Dental Assistant and Office Staff; \$251/Current Dental Alumni Member

**After Feb. 12, 2015:** \$289/Dentist; \$189/Dental Hygienist, Dental Assistant and Office Staff; \$261/Current Dental Alumni Member

*\* This course is eligible for a 10 percent tuition discount if you are a current member of the UW Dental Alumni Association.*

**Hotel room block:** A room block for "University of Washington Continuing Dental Education" is set for Friday, Feb. 13 to Monday, Feb. 16, 2015. Make your plans today!

**REGISTER:**

Registration for this course will be available July 1, 2014.

<http://dental.washington.edu/continuing-dental-education/ce1455/>

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

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## alumni calendar of events

■ **SATURDAY, APRIL 12, 2014**

Boot Camp for New Dentists  
Co-sponsored with Seattle King  
County Dental Society  
8 a.m. - 2 p.m.  
Location: TBD

■ **SATURDAY, APRIL 26, 2014**

30th Annual Dean's Club Dinner  
6 - 10 p.m.  
McCaw Hall  
Seattle Center

■ **WEDNESDAY, MAY 14, 2014**

New Dentist Program  
Co-sponsored with Seattle-King  
County Dental Society  
6:30 - 8 p.m.  
UW South Campus Center, Room 316

■ **SATURDAY, JUNE 7, 2014**

School of Dentistry Graduation  
2 - 4 p.m.  
UW Meany Hall

■ **THURSDAY-FRIDAY,  
JUNE 12-13, 2014**

Pacific Northwest Dental Conference  
Bellevue Convention Center  
Bellevue, Wash.

■ **FRIDAY, SEPT. 5, 2014**

Dental Alumni Golf Tournament  
Co-sponsored with Pierce County  
Dental Society  
12 p.m. tee time  
Chambers Bay Golf Course  
Tacoma, Wash.

■ **SATURDAY, OCT. 11, 2014**

ADA annual meetings  
School of Dentistry reception  
5-7 p.m.  
Marriott Rivercenter Hotel  
Grand Ballroom, Salon B  
101 Bowie St., San Antonio, TX

■ **SATURDAY, OCT. 25, 2014**

Dental Alumni Football Brunch/Game  
UW vs. Arizona State University  
Sun Devils  
Time: 10 a.m. brunch,  
12:30 p.m. game  
(Times subject to change)  
Brunch: UW Health Sciences Center,  
I Wing Rotunda  
Game: Husky Stadium

*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>*