

Dental Alumni news



ALSO:

■ **PROFILES IN SERVICE**

Student volunteers make a difference

■ **MEN OF THE YEAR**

Drs. McGraw, Tucker to be honored

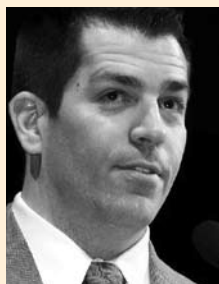
■ **NEW FEATURE: RESEARCH UPDATE**

Our School's current studies

A Day With the Dean

Behind the scenes at the School of Dentistry

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DentalAlumninews

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On the cover:

Dean Somerman with student Cindy Virdi ('10)
Photo by Steve Steinberg

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Our Association is hard at work

THIS WILL BE MY LAST MESSAGE AS PRESIDENT OF our UW Dental Alumni Association. I can't believe that it has all gone so quickly. But time never stands still, and neither does our Alumni Association. So I would like to tell you about what our Association has done during the last two years to increase its support for the students at our School of Dentistry.

In 2008, we started an endowment to provide funding for student scholarships, instead of just contributing directly to individual scholarships. This way, our support can really grow over the years. The endowment now stands at more than \$400,000, and it has allowed us to raise our level of funding.



We continue to support programs such as the Summer Undergraduate Research Fellowships (SURF), which let students get involved in the research that is so important to our School, the UW, and our dental profession. Now we have expanded to support the Rural and Underserved Opportunities Program (RUOP), in which our student volunteers serve in rotations in areas of our state that suffer from a lack of access to oral health care. They can make a big difference in the lives of our citizens even before they graduate, and we are glad we can help them along the way.

Another new venture by our Association is the "Lunch and Learn" pizza party for first-year students in the fall. Here is a chance to help students understand what our Alumni Association does, and start building relationships. Thanks to Dr. Mark Drangsholt and Randy Newquist, our Alumni Director, for the great job they did in presenting our story last fall!

These are all things we can be proud of, but we are planning to do even more. Right now we are working with our School's office of Continuing Dental Education to offer a practice management series for new

graduates in the fall of 2010. It will be free to our new School of Dentistry alums.

Of course, we hope that they will all join our Association and help us accomplish even more. I am very encouraged by the trend we have seen over the last 10 graduating classes, with higher levels of membership in the Association. We have always been proud of the fact that our alums have the highest level of participation in the whole UW, and we want to keep it that way. I would also like to thank our Alumni Association board members for setting a great example of participation. Despite their very busy and demanding schedules, we regularly have turnouts above 80 percent for our meetings.

With all the new ways we are finding to help our School, I never want to forget all the great events and traditions we already have in place. What a fantastic time we all had at last year's golf tournament and football brunch! And for me, one of the highlights of the year continues to be the White Coat Ceremony, which we started sponsoring a year after its inception. It never fails to inspire me when the students put on their clinical coats and take their pledge of service – it is a reminder of the professional ideals we all share.

So thanks to all of you who help our School and our Association do such tremendous things through your membership and support. It has been a privilege and an honor to serve you.

Aloha,

ED DOLAN ('00)

UW Dental Alumni Association President



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 barbeque, and student socials)
- Special projects such as the recent renovation of the student lounge
- Practice Opportunities Program and Listing
- Distinguished Alumnus of the Year Award
- Class Reunions

Join today by making one simple phone call!

**Call UW Dental Alumni at
206.543.7297**

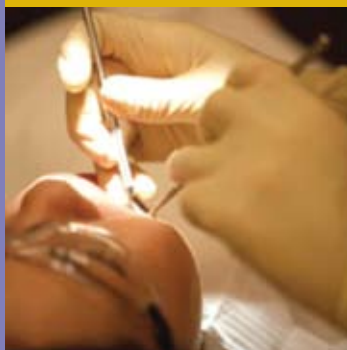


SIGNATURE EVENTS

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

PUBLICATIONS

DENTAL ALUMNI NEWS –
SEMI-ANNUAL PUBLICATION
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MEMBER BENEFITS:

- Receive the Dental Alumni Newsletter
- 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 culture of giving back

WE CAN ALL BE PROUD OF WHAT OUR students take away from our School: a first-rate clinical and didactic education, an appreciation for the value of continuing education, an understanding of how important research is in advancing the dental profession.



But we should also take great pride in what our students give back while they're here. On Page 35 of this issue, you'll find an illuminating report on our students' volunteer activities — Husky Smiles, the 45th Street Clinic, Boys and Girls Clubs and more — that deliver oral health care and education where our community urgently needs them.

This desire to give something back to the community has been a defining characteristic of our students for some time. They have even formalized it on their own initiative by incorporating a pledge of such service into our annual White Coat Ceremony.

It's easy to see how extensively students have adopted this philosophy. Even when they organize a social evening for fun, such as the annual Winter Gala, there's a worthy purpose behind it: Last year's Gala raised more than \$6,000 to support the 45th Street Clinic serving homeless Seattle teenagers.

What lends this message of "giving back" such impact and resonance is the example

set by our faculty and staff, who give freely of their time and energy to support the students' activities. In addition to the time given to outreach, many of our full-time and affiliate faculty also contribute generously to our School's endowments and scholarship funds.

We can't overstate the importance of this "culture of giving" in helping to produce students who will carry on a tradition of community and professional leadership. This is a tradition that our alumni have long demonstrated around our state, our country and our world. And as long as this spirit remains vibrant and active at our School, this tradition will endure.

A handwritten signature in blue ink, reading "Martha J. Somerman". The signature is fluid and cursive, with a long horizontal line extending to the right.

MARTHA J. SOMERMAN, *Dean*

Annual Dean's Club Dinner to fete Dr. McGraw, Dr. Tucker

TIME IS GROWING SHORT TO MAKE RESERVATIONS for the 26th annual Dean's Club Dinner, which will feature two very special guests of honor this year.

At the dinner, on May 1 at McCaw Hall in Seattle Center, the Dean's Club will fete Dr. Richard V. Tucker as its 2010 Honorary Lifetime Member, while our Dental Alumni Association will honor Dr. James C. McGraw as 2010 Distinguished Alumnus.

Dr. Tucker is founder of the Academy of R.V. Tucker Study Clubs, an affiliation of more than 50 clubs that teach his techniques for conservative cast gold. The Idaho native, who began practicing in 1946, launched his first study club in Vancouver in 1976 and has come to be regarded as one of the major figures in continuing dental education.

"I've always been more into the art than the science of dentistry," Dr. Tucker told writer Joanna Wong in 2003, in an article about his receiving an honorary doctorate from the University of British Columbia. "The art of dentistry is doing the mechanical

part of dentistry and doing it well. If it's a beautiful inlay, it's a work of art."

The Tucker study clubs emphasize clinical participation under a mentor's guidance, and are currently active in the United States, Canada, Europe and South America. The UW has had an active club for years, with the Tucker Institute 2010 course scheduled at the School of Dentistry for June 7-11.

Dr. McGraw (Endo '69) is former President of the American Association of Endodontists and former Vice President of the American Dental Association. He is an affiliate faculty member at the School and has served on the Admissions Committee since 1984. In 1995, he was honored by the

Washington State Dental Association as its Citizen of the Year for his outstanding community service. He was also dental director for the 1990 U.S.A.-U.S.S.R. Goodwill Games in Seattle, directing a team of 50 volunteer dentists.

Retired from private endodontics practice on Seattle's Eastside, Dr. McGraw also carved out a reputation as the "zoo dentist," having volun-



Dr. James McGraw chats with Patty Martin, a student in the School of Dentistry's Regional Initiatives in Dental Education program.

teered his services at Seattle's Woodland Park Zoo starting in 1969. In the years that followed, he became a pioneer in applying dental techniques to animals, and worked on veterinary patients ranging from monkeys to elephants. He also has served on the zoo's board of directors and its Conservation Committee.

Both Dr. Tucker and Dr. McGraw have also distinguished themselves by their generous support of our School over the years. Dr. Tucker has been named a Distinguished Benefactor, while Dr. McGraw is a University of Washington Benefactor.

For more information about the dinner or to find out more about the Dean's Club, go to this link at our School's Web site: http://www.dental.washington.edu/alumni/deans_club.php ■



Dr. Richard V. Tucker and his son, Dr. Richard D. Tucker

Dr. Matthew R. Anderson named 2010 Wands Fellow

DR. MATTHEW R. ANDERSON, A FIRST-year graduate student at our School of Dentistry, has received the 2010 David H. Wands Endowment Fellowship in Graduate Prosthodontics. He is the sixth UW recipient of the \$10,000 annual award; five others were named earlier at the University of Maryland.

Dr. Anderson, 32, received a DMD in 2009 from the University of Pennsylvania School of Dental Medicine. A native of Boise, Idaho, he received a B.A. in History of Art and Visual Culture in 2002 from Boise State University. He plans to pursue a career in private practice and also devote time to dental education.

"I was drawn to dentistry as a profession for several reasons," Dr. Anderson said. "It's one of the few disciplines where my artistic abilities and creativity can be combined with scientific principles to improve the quality of life of others, and it will also allow me to own my own business and the freedom to select my practice location.

"I also enjoy working directly with patients, and I've come to really value

the rapport and relationships that develop over the course of treatment. This interpersonal aspect of dentistry, as well as a great interest in restorative dentistry coupled with a desire to become a master treatment planner, led me to pursue advanced training in Prosthodontics at the University of Washington."

Dr. Anderson's awards include the 2009 International Association of Student Clinicians-American Dental Association Graduate Fellowship Award, along with several honors from the University of Pennsylvania: the Achievement Award in Pharmacology and Therapeutics, Dentsply Student Clinician Award, Drabkin Memorial Prize for Research in Biochemistry, Quintessence Award for Research Achievement, and Quintessence Award for Clinical Achievement. He is a member of the American Dental Association, International Association of Student Clinicians-American Dental Association, and American College of Prosthodontists.

A luncheon in December at Seattle's Ivar's Salmon House celebrated

the award. Those attending included Dr. Wands, Dr. Anderson, Dean Martha Somerman, Graduate Prosthodontics Director Dr. Ariel Raigrodski, 2009 Wands Fellow Dr. Sharareh Tajbakhsh and 2006 Wands Fellow Dr. Kyle Schmidt.

Dr. Wands (Pros '72), who was a faculty member in our Department of Prosthodontics for 22 years, established the fellowship in 1999 with a \$500,000 endowment (including a planned gift and UW matching funds) to support Graduate Prosthodontics students and also encourage careers in academic dentistry.

Dr. Wands graduated with honors from Baltimore College of Dental Surgery, University of Maryland, and served for seven years with the U.S. Public Health Service. He returned to the UW as a part-time faculty member shortly thereafter and taught both undergraduate and graduate Prosthodontics, achieving the rank of Clinical Professor.

In addition to endowing the fellowship, Dr. Wands is a member of our Dean's Club Board of Directors and was instrumental in forming the UW Graduate Prosthodontic Alumni Association. He is a Life Member of the Academy of Prosthodontics and Pacific Coast Society for Prosthodontics. ■



Gathering to celebrate the 2010 Wands Fellowship announcement are (from left) Dr. Ariel Raigrodski, Dean Somerman, Dr. David Wands, Dr. Matthew Anderson, Dr. Sharareh Tajbakhsh and Dr. Kyle Schmidt.

Dr. Berg named to new Hospital Affairs post

DR. JOEL BERG HAS BEEN NAMED TO the new position of Associate Dean for Hospital Affairs at our School of Dentistry, Dean Martha Somerman has announced.

“In this new job, I hope to strengthen the working relationships between the School of Dentistry and the Puget Sound hospital community,” Dr. Berg said. “Especially in this economic environment, it’s critical that we find more efficient and effective ways of delivering care to our patients. At the same time, we want to make sure that our dentistry students and residents gain the full benefit of strong ties with the hospital commu-



nity, so we can continue to give them the finest dental education possible.”

Dr. Berg said his first priority would be to meet with senior administrators of hospitals affiliated with our School to determine the most promising possibilities for improved collaboration.

Dr. Berg, who is also our Chair of Pediatric Dentistry, is Lloyd and Kay Chapman Chair for Oral Health. He is also Director of Dentistry at Seattle Children’s hospital. He was elected secretary-treasurer of the American Academy of Pediatric Dentistry this year, and is scheduled to become AAPD president in 2012.

Dr. Berg is also director of the Early Childhood Oral Health (ECOH) program, whose new facility – the Washington Dental Service Building for Early Childhood Oral Health – is scheduled to open at Magnuson Park in September 2010. Expected to be one of the nation’s leading pediatric oral health centers, it is a joint venture between the School and Seattle Children’s.

“I can’t think of anyone better than Joel Berg for this new position,” Dean Martha Somerman said. “In all his work for the AAPD, ECOH, Seattle Children’s and our school, he has demonstrated a superb talent for building relationships throughout the health-care community. I believe that our patients and students will all benefit hugely from his skills and vision.” ■

Seattle teens attend our Dental Camp

SEATTLE HIGH SCHOOL STUDENTS FROM the Seattle YMCA’s Black Achievers program got a taste of the oral health

professions at the latest Dental Camp at our School of Dentistry on Jan. 23. During the half-day session in our



D-1 Simulation Lab, the students made plaster casts and dental wax-ups under the direction of our faculty and students, as well as personnel from Seattle-area colleges.

The camp was directed by Dr. Douglass Jackson, director of the Center for Diversity at Seattle Children’s Hospital and one of our former faculty members, and Dr. Bea Gandara of

Oral Medicine, who is also director of our Office of Educational Partnerships and Diversity. They were assisted by our students, along with instructors and students from Seattle Central Community College’s dental hygiene program and Seattle Vocational Institute’s dental assistant program.

Our students included Tammy Holliday (’10), Casey Gamache (’11), Fred Worrell (’11), Enrique Oltra Esplungues (’12), Fesaha Gebrehiwot (’12) and Kurt Truong (’12).

Our School was also involved in other local outreach programs on the same day. Dentistry students represented us at Cleveland High School’s Science Technology Engineering and Math (STEM). In addition, our School had an information table at the UW’s Native American Student Transfer Days and Winter Pow Wow, held at the Husky Union Building, along with other participation. ■

Dentistry student Fred Worrell (’11, in white coat) discusses plaster casts with Seattle high-school students.

Our lab gear gets an upgrade, thanks to RIDE

THANKS TO ABOUT \$50,000 IN GRANT funding from the Regional Initiatives in Dental Education (RIDE) program, our Department of Restorative Dentistry has upgraded its lab equipment in the D1 Simulation Lab as well as the D2 and D3 clinics.

The upgrades were long overdue, replacing wet-lab and clinical lab equipment that in some cases was more than 20 years old. The equipment is used heavily by all students in their lab courses and for patient care.

The list of upgrades and replacements includes:

- New model grinders in all the labs
- New vacuum power mixers and new stands
- New sandblasters with new suction systems
- New vibrators
- New machines to make plastic matrixes for temporary appliances
- New burnout ovens and porcelain furnaces



- New welder
- New electronic handpieces
- New lamps

Dr. John Wataha, our Chair of Restorative Dentistry, voiced his appreciation to the RIDE program for facilitating the upgrades. "It is not flashy, but it is important," he said, noting that students' efficiency has been increased significantly.

Dr. Wataha also extended his thanks to Restorative Dentistry staffers who played key roles in implementing the improvements: Betty Low, Trina Banks, Bill Loew, Dave Fox and Leng Quach. ■



The new lab equipment includes grinders and mixers.

School 'came out shining' in 3-day accreditation review

THE COMMISSION ON DENTAL ACCREDITATION (CODA) of the American Dental Association (ADA) concluded its on-site review at our School of Dentistry on Nov. 19 after a three-day visit.

The CODA review team will not issue its formal report for several months. However, the unofficial initial response was highly favorable, faculty members and administrators said. No recommendations are expected to be issued for changes in our School's undergraduate and specialty programs, and the CODA reviewers also expressed their support for our new Oral Radiology specialty program.

"Our School came out shining," Dean Somerman said in an e-mail message to students, faculty and staff. "I know what a demanding process this has been for everyone — faculty, staff and students. All of you deserve a huge thank-you."

UW Provost Phyllis M. Wise, who took part in a meeting with reviewers, told our Dean, "It was clear that they

were impressed by the material that you sent ahead of time and even more impressed by your comments, your leadership and the progress that the School of Dentistry has made since their last visit."

The CODA review, which takes place at dental schools every seven years (every five years for Oral and Maxillofacial Surgery departments), includes visitors from other universities along with ADA staff.

Preparation was exhaustive, with online and print documentation required for virtually every aspect of our School's operations. The effort began two years ago.

Part of the preparation includes a rigorous self-analysis and a self-study report. The report assesses a school's sponsorship, resources, curriculum and effectiveness, and operational and student policies and procedures. The site visit verifies the self-study report's information and determines whether the school meets accreditation standards. ■

Oral Biology Chair Dr. Ken Izutsu retires

DR. KEN IZUTSU, WHO CHAIRED ORAL Biology since 1997, retired from his position on Oct. 1. He has been recommended for Professor Emeritus standing and will continue to pursue his current research on salivary biomarkers for graft-versus-host disease.

“These will be very hard shoes to fill,” said Dean Martha Somerman. “Ken Izutsu has been a strong, steady leader in Oral Biology, and we will miss him greatly as Chair. Oral Biology is at the forefront of our research efforts, and our consistent success in attracting grant funding over the years is just one indicator of how capably he has served the School.”

Our School of Dentistry ranks third among all U.S. dental schools this year in funding by the National Institutes of Health, and has ranked among the top five for the last several years.

“I have chosen this time to retire so I can spend more time with my family,” Dr. Izutsu said. “I also hope to do some documenting of family history.” In addition to continuing his current research, he said he will also help formulate new proposals.

Two of our faculty members are now sharing Dr. Izutsu’s former duties. Dr. Tom Morton of Oral Biology and Oral Medicine, who has been Chair of our Faculty Council, is now Acting Chair of Oral Biology. Dr. Sue Herring of Oral Biology and Orthodontics serves as Acting Vice Chair

and will guide strategic planning in research directions and development. She will also assist Dr. Richard Presland, who will remain as our



Dr. Ken Izutsu

Graduate Program Director, in helping to coordinate research opportunities for graduate students.

“I would like to thank Tom and Sue for their dedication to the department and the School in accepting these appointments,” said Dr. Izutsu in a message to the department. “These appointments

make me extremely optimistic for the future of the department.”

Dr. Izutsu said he took special pride in developing our School’s Ph.D. program into a major national and international training program for dental educators. He expressed his appreciation for the support the program received from Dean Somerman and our entire faculty, as well as UW faculty in bioengineering and medicine.

Dr. Izutsu received his B.S. in physics in 1964, and his Ph.D. in physiology and biophysics in 1970, both from the UW. He started in Oral Biology as a research associate in 1971, and after appointments as Research Assistant Professor and Research Associate Professor, became Research Professor in 1985. Since 1980, he has held a joint appointment in Oral Medicine.



Dr. Sue Herring

He has been on the editorial board of the *Journal of Dental Research*, president of the Salivary Research Group of the International Association of Dental Research,

a director of the American Association of Oral Biologists, a member of the American Association of Dental Research Fellowship Committee, and a member of two National Institute of Dental and Craniofacial Research Study Sections in addition to twice chairing an NIDCR Special Emphasis Panel. In 1985, he was named an honorary member of the Omicron Kappa Upsilon dental honorary society.

Dr. Izutsu, whose work has won more than 30 research grants, has published widely in peer-reviewed journals. He has also been a reviewer for the *Archives of Oral Biology*, *Journal of Dental Research*, *Journal of Laboratory and Clinical Medicine*, *Journal of Investigative Dermatology*, *American Journal of Physiology*, *Proceedings of the Society for Experimental Biology*, *Special Care in Dentistry* and

“Ken Izutsu has been a strong, steady leader in Oral Biology, and we will miss him greatly.”

—Dean Somerman

Oral Diseases. He also served as the examiner for an X-ray Microanalysis Ph.D. candidate at the Wenner-Gren Institute at the University of Stockholm.

In addition to his service as Chair of Oral Biology, he has been Oral Biology’s Graduate Program Coordinator, research faculty representative and member of the School of Dentistry Faculty Council, chaired our School’s Appointment, Promotion and Tenure Committee and was director of a major School of Dentistry research training grant from 1985 through 2007. He has also served on the UW Faculty Senate.

“I believe the Oral Biology program is in good hands for the future with Tom Morton and Sue Herring, along with our wonderful staff – Eileen Kakida, Jennifer Kohn and Rosale Meriales,” Dr. Izutsu said. ■

Dr. Bloomquist named Acting Chair of OMS

Dr. Dale Bloomquist was named Acting Chair of the Department of Oral and Maxillofacial Surgery, effective Jan. 1. He succeeds Dr. O. Ross Beirne, who decided last year to step down from his position after 10 years of service.

Dr. John Evans, Clinical Associate Professor in the department, now serves as Acting Vice Chair.

“We are very fortunate that Dr. Bloomquist has agreed to serve as Acting Chair,” said Dean Martha Somerman, who noted that he agreed to do so without compensation. “This kind of dedication is a hallmark of the faculty



at our School, and it is one of the foundations of our excellence. I thank Dr. Bloomquist for volunteering, and I also thank Dr. Evans for stepping up.”

Dr. Somerman also expressed her thanks to the department’s staff and faculty for their loyalty, commitment and dedication, and to Dr. Beirne for his leadership during the past decade.

Dr. Bloomquist, who is an Associate Professor Emeritus in Oral and Maxillofacial Surgery, is a diplomate of the American Board of Oral and Maxillofacial Surgery. He is an attending surgeon at the UW Medical Center, Harborview

Medical Center, Seattle Children’s hospital, and Swedish Hospital and Medical Center. He holds dental licenses in Washington and Idaho, and is board-certified by the American Board of Oral and Maxillofacial Surgery.

Dr. Bloomquist earned his DDS from the UW in 1969, and an MS in oral surgery from Georgetown University in 1973. Before attaining emeritus status, he was Assistant Professor and then Associate Professor in the UW Department of Oral and Maxillofacial Surgery. He has been a consultant to Group Health Hospital, the Seattle Veterans Administration Hospital, Public Health Service Hospital, and Pacific Medical Center.

He has served as President of the Seattle-King County Dental Society, and is a Fellow of the International College of Dentistry and a member of the Omicron Kappa Upsilon dental honorary society. ■

Students get into gear at annual vendor show

ONE HUNDRED FIFTY OF OUR Dentistry students got a look at the latest in dental equipment and operatory accessories at the School’s annual Vendor Show at the South Campus Center on Feb. 4. The event was organized by the Class of 2010 and the UW Dental Alumni Association.

Students met with vendors and enjoyed free food and drink, with several prizes raffled off.

We would like to thank our sponsors, including ADEC,

Special thanks to our major Vendor Show sponsors!

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Oral Health, UBS Financial Services, Ultradent Products Inc., Ultralight Optics, and Willamette Dental Group.



WDIA and Nordic were major sponsors.



Students enjoyed a chance to look over armamentarium.



Reps from Nitrox, another major sponsor, were on hand.

A great alumni brunch, then a great UW win

ONE HUNDRED AND TWENTY FIVE OF our dental alumni, faculty, staff, students, and friends attended the Dental Alumni Association's annual football brunch on Sept. 19 before the UW Huskies' game with the University of Southern California.

Dr. John Wataha, Chair of Restorative Dentistry, and Dr. Ariel Raigrodski, Director of Graduate Prosthodontics, were guest speakers. The event, held in the Husky Union Building East Ballroom, featured jazz by the Greg Schroeder band, a raffle and great food. Dr. Ed Dolan ('00), UWDAA president, was chair of the event and master of ceremonies.

The game turned out to be one for the ages. The Dawgs, coming off a winless 2008 season, fell behind 10-0 early to the Trojans, who were ranked third nationally coming in. But then the Husky defense clamped down, the Huskies started grinding away, and with just 3 seconds left, Erik Folk booted a 22-yard field goal for a 16-13 UW win.

Fans rushed the field after the upset, which revived memories of the glory days of Husky football and signaled that the UW's 2008 nightmare was firmly behind it.

The UWDAA extends its special thanks to Washington Dentists' Insurance Agency and Issaquah Dental Lab for co-sponsoring the brunch. ■



Dr. George Adams and Dr. Sue Hollinsworth ('78)



Dr. Tim Hess ('94) and Lisa Hess



Dr. Ariel Raigrodski, Director of Graduate Prosthodontics, and family



Dr. John Wataha, Chair of Restorative Dentistry, and Mary Jo Wataha



Dental Alumni Association Director Randy Newquist (left) helps Dr. Ed Dolan, UWDAA President, raffle off a Husky fleece throw.



George and Carolyn Englund



Dr. Dan Go ('86) and Cindy Go



Alex White, Devon Newquist, Devin McKnight



Our students made the scene, too: (from left) Nikki Young, Oleg Shvartsur, Fred Worrell and (to his right) fiancée Maryam Zarrabi-Kashani, Shivani Kant and fiancé Shy Gounder (far right)



Dr. Pamela Sursely ('06) and Dr. Jeremy Chaison ('06)



Advanced Technology Center construction continues

REMODELING FOR OUR SCHOOL'S NEW Advanced Technology Center continues in the D-3 clinic, with the project now expected to launch late this spring. Once completed, the new center will feature an array of high-tech equipment that will be used by students, faculty and staff.

The new center will feature six state-of-the-art operatories, new cabinets and a dedicated sterilization center. Fourth-year and third-year students will rotate through the center. In addition, a fourth-year honors program for six selected students will utilize the center for high-end dental procedures. Dental students will have also the opportunity to assist.

Staffing will be provided by our School of Dentistry faculty, both full-time and affiliate. According to Dr. Ricardo Schwedhelm of Restorative Dentistry, who is helping the project, advanced equipment will include the

integration of microscopes, advanced X-ray heads and digital radiography, a Cadent iTero digital impression system (already delivered) and other computer-aided design/computer-aided manufacturing (CAD/CAM) technology, laser tools for periodontal surgery, endodontic equipment and other applications.

"We will try to get as many [users] in there as possible," Dr. Schwedhelm said.

The old operatories at the east end of the D3 clinic started being dismantled last fall. Now, remodeling is in full swing.

Faculty will also work with corporations to develop clinical trial protocols for product development and testing.

School officials had hoped to have the center up and running by early this year, but construction delays during the holidays put a crimp in that schedule. ■

Save the Date

Friday, Oct. 22, 2010

The Third Annual

Partners in Diversity Scholarship Dinner

6 to 9 p.m.

Location to be determined

Correction

In our last issue of *Dental Alumni News*, a story on the Partners in Diversity dinner inadvertently omitted **Affordable Dental Care** as one of the sponsors. We extend our apologies to Affordable Dental Care, whose generous support, along with that of other sponsors, makes it possible for these events to take place.

A day of golfing suits alums to a tee

THE 10TH ANNUAL UW Dental Alumni Golf Tournament was held on Sept. 18 at Washington National in Auburn, Wash. Fifty-two of our alumni participated and enjoyed the challenging course.

It was a beautiful day for the tournament, minus the morning fog that has blanketed the course in years past. We had teams from Pacific Continental Bank and U.S. Army Healthcare, which was also our lunch sponsor and sponsor of the closest-to-the-pin contest.

After hitting the course, our

2009 Tournament Results

1st Place (Class)

Tom Beffa	'71	62.0
Bob Eilert	'71	
Jim Cherberg	'71	
Bill Sutton	'71	

2nd Place (Class)

Adam Cramer	'06	63.0
Greg Gillespie	'06	
Kevin Brown	'06	
Adam Jury	'06	

1st Place (Non-Class)

Mike Doyle	'71	66.0
Gary Lincicome	'71	
Scott Keene (Burkhart)		
Steve Stimson (Burkhart)		

Kevin Brown '06	Long drive winner (men)
Collins Woodside '97	Long drive winner (women)
Jerry Campo '83	Closest to the pin #11

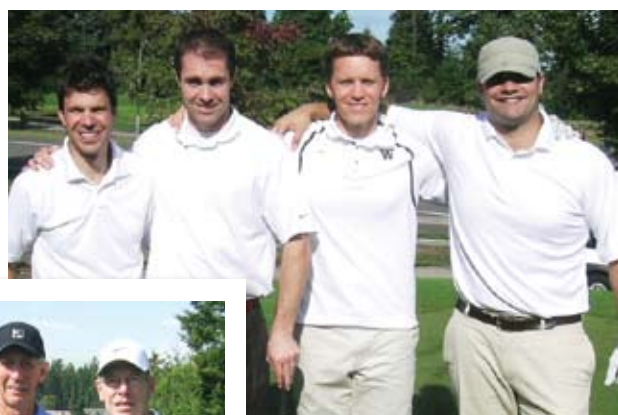
golfers enjoyed a nice barbecue lunch and awards ceremony, with Dr. Collins Woodside ('97) doing the honors as chair of the event this year.

The Dental Alumni Association thanks all of our corporate sponsors, including Issaquah Dental Lab, the long-drive sponsor; the tournament would not be a success without their generosity. Hole sponsors included Henry Schein, Keller Rohrback, Nakanishi Dental Laboratory, Pacific Continental Bank and Washington Dentists' Insurance Agency. ■

Second place went to (from left) Greg Gillespie, Kevin Brown, Adam Cramer and Adam Jury of the Class of '06.



Class of 1971 team members (from left) Jim Cherberg, Bill Sutton, Bob Eilert and Tom Beffa took first place.



The non-class team winners were (from left) Scott Keene and Steve Stimson of Burkhart and Mike Doyle and Gary Lincicome of the Class of '71.





Dr. Jim Ribary ('75), WSDA President, enjoys a moment with Class of 2011 President Oleg Shvartsur, whom he mentors, and student Nikki Young ('13) at the reception.

Mentor reception: amalgam of youth and experience

ABOUT 170 DENTAL MENTORS AND students gathered in the I Wing Rotunda on Nov. 13 for our annual Washington State Dental Association/Dental Alumni Association Mentor Reception.

The casual reception, which featured food and drinks, gave our students a chance to learn more about the mentor program and sign up for it. For those who already have joined the program, it was a chance to take a break from their hectic schedule at school and have some time with their mentors.

Our mentor program was profiled in the previous issue of the Dental Alumni News, and was also featured in the WSDA News.

The reception included remarks from Dr. Jim Ribary ('75), president of the WSDA, who is an active mentor, along with Dr. Sue Coldwell, Associate Dean of Student Life and Admissions at the School of Dentistry. ■



Dental Alumni Association board member Dr. Pat Fleege ('70)



Dr. Dawn Bova shares a few insights with second-year student Molly McIntosh.



Dr. Dexter Barnes ('69) makes a point to Class of 2012 President Rusty Johnson.



Dr. Dave Minahan ('75) and Sue Minahan chat with first-year student Brian Christensen.



Second-year student Maureen Craig with her mentor, Dr. Irene Hunter ('84)



Third-year student Jana Seaman and Dr. Geoff Seuk ('04)

Dr. Sue Coldwell lectures at a workshop in Phuket, Thailand.

Faculty members extend our global reach

SCHOOL FACULTY WERE ON THE GO last summer and fall, with lecture and consulting visits to Asia and South America.

Dr. Joel Berg, our Chair of Pediatric Dentistry, visited Peru in August to share insights into pediatric oral health. Dr. Berg, who was accompanied by Pediatric faculty member Dr. Ana Lucia Seminario, made the visit at the invitation of Peru's first lady, Pilar Nores. A global health care advocate, she became interested in the Early Childhood Oral Health program, which Dr. Berg heads, while speaking in Seattle last year. At that event, she met Dr. Berg, Dr. Seminario and Dr. Mariella Garcia, another Pediatrics faculty member. Drs. Seminario and Garcia are both from Peru.

While in Peru, Dr. Berg accompanied Nores on visits to villages in the Andes and shared ideas about how ECOH's models of delivering care might be adapted by Peru. In addition, Dr. Berg lectured before the Peruvian Academy of Pediatric Dentistry and the Society of Pediatric Dentistry in Cusco.

In mid-September, four School of Dentistry faculty members journeyed to Thailand to present a five-day workshop on clinical research methods in dentistry.

Dr. Tim DeRouen, Dr. Sue Coldwell, Dr. Lloyd Mancl and Dr. Philippe Hujuel presented the workshop in Phuket, with funding from the Fogarty International Center and the National Institutes of Health. They were joined by Helen McGough, former director of the Human Subjects Division of the UW Office of Research.

Thirty-four participants attended the workshop, which was conducted with the help of dental faculty from Bangkok's Thammasat University and Khon Kaen University. The Thai dental faculty included Dr. Prateep Phantumvanit, whose daughter Eve is a School of Dentistry accounting analyst. Dr. Phantumvanit and two other Thai dental faculty have also visited the School of Dentistry to participate in the Summer Institute in Clinical Dental Research Methods.

The workshop setting was notable, as Phuket lies along the coastal

area devastated by the Indian Ocean tsunami of 2004. However, the area appeared to be almost fully rebuilt, Dr. DeRouen said.

In late October and early November, Dean Somerman journeyed to Taiwan, Thailand and Japan for several days for lectures and meetings.

In Taiwan, our Dean attended the Chung Shan Medical University International Periodontics Symposium, where she gave a presentation on advances in defining regulators controlling development and regeneration of the dentoalveolar complex.

In Thailand, she visited Thammasat University, toured its dental school and gave a presentation on U.S. dental education. Also in Bangkok, she visited Chulalongkorn University Dental School and gave a presentation on key factors in development and regeneration of the periodontium.

In Japan, Dr. Somerman attended the Hiroshima Conference on Education and Science in Dentistry, where she gave a presentation on "Dental Education in the Era of Globalization." ■

NIDCR's Dr. Robey keynotes Research Day

DR. PAMELA G. ROBAY, CHIEF OF THE Craniofacial and Skeletal Diseases Branch of the National Institute of Dental and Craniofacial Research, keynoted our School of Dentistry's annual Research Day on Sept. 25 with an overview of skeletal stem cells.

Speaking to faculty and students at the Health Sciences Center, Dr. Robey traced development from fertilized egg to adult stem cell, and reviewed skeletal stem cell origins and the cells' degree of similarity and dissimilarity. She also focused on issues such as the evolution of pericytes as local tissue progenitors and reviewed fibrous dysplasia in some detail.

After Dr. Robey's lecture came talks by Dr. Carol B. Ware of Oral Biology on stem cell resources and research at the UW, and Dr. Morayma Reyes of the UW School of Medicine on dental pulp stem cells.

Later in the morning, participants in the Summer Undergraduate Research Fellowship (SURF) program, other students, faculty, staff and residents gave poster presentations at South Campus Center.

Dean Whiting ('12) was named winner of the ADA/Clinician Scholar Award at the Dental Student Research Competition. As a result of his selection by the Research Advisory Committee and the UW Student Research Group, Whiting will represent the School of Dentistry in the national student research competition at the 2010 ADA meeting.

Whiting's winning entry, "Effects of Implant Angulations on Retentive Characteristics of Stud Attachment," evaluated retentive characteristics and morphological changes of a stud attachment system for implant-retained overdentures after cyclic loading onto implant abutments. The study was



SURF summer research participant Fedora Katz of Ortho discusses her project.

supported by our UW Dental Alumni Association, which helps fund the SURF program, and our School's Restorative Department.

Others receiving recognition were finalists Emily Chu, Blake Davis, Ambre Ehlert, Atriya Salamati and Bryan Swanson. ■

Jewell Foundation supports Domoto Fund

THE BEVERLY J. JEWELL MEMORIAL Foundation of Richland, Wash., has given \$30,000 to our School of Dentistry's Peter K. Domoto Fund for Children, School officials have announced.

The fund, established in 2002 to honor Dr. Domoto upon his retirement as Chair of Pediatric Dentistry, helps defray the cost of uncompensated care for children ages 3 to 9.

Dr. Domoto, who also earned his Certificate in Pediatric Dentistry at the UW, along with a Master's in Public Health, served more than a quarter-century as Chair, and was one of our most highly regarded

leaders. His efforts to improve the oral health of disadvantaged children were a hallmark of his tenure, and helped earn him the UW's Outstanding Public Service Award and Martin Luther King Jr. Distinguished Service Award. He also played a key role in establishing the Washington state Access to Baby and Child Dentistry program.

"I think there's a real need out there for kids that simply can't afford adequate dental care," said Peter Moore, President of the Beverly J. Jewell Memorial Foundation. The private family foundation supports children's-health initiatives. ■

ECOH construction moving along rapidly

CONSTRUCTION IS MOVING RAPIDLY ON the new Washington Dental Service Building for Early Childhood Oral Health at Seattle's Magnuson Park. The ECOH facility remains on course to open its doors as planned this September.

Roofing and window weather-proofing have been completed, interior framing is well along, and installation of studs, tin and ductwork continues, as do exterior excavation and waiting room and office furniture selection.

In addition, PRR Seattle, which is ECOH's consultant on marketing and public relations, has issued its marketing plan after conducting interviews and focus groups. Our ECOH staff members, who have already been conducting community outreach and initiating contacts with stakeholders, will

now drive the program's awareness campaign through its final stages via social networking and media. Staffers also plan to have a prominent ECOH presence at area health fairs and other

Anticipating 30,000 patient visits in the first year, ECOH will also focus on research, education and public policy.

public events this spring and summer.

ECOH, a joint venture by our School of Dentistry and Seattle Children's hospital, was launched with a \$5 million gift from the Washington Dental Service Foundation. It will provide pediatric dental care with an emphasis on ages birth to 3 and chil-

dren with special needs. Anticipating 30,000 patient visits in the first year, ECOH will also focus on research, education and public policy, with an eye toward developing better models of providing preventive and restorative oral health care to children.

Dr. Joel Berg, our Chair of Pediatric Dentistry and also Director of Dentistry at Seattle Children's, is director of ECOH. Sara Paul is program manager, while Dana Robinson Slote is marketing and communications manager. ■

The Washington Dental Service Building for Early Childhood Oral Health, a former World War II-era government building, is undergoing a top-to-bottom renovation.



Seattle Foundation gives another \$50,000 to ECOH

THE SEATTLE FOUNDATION has given a \$50,000 grant to ECOH for the purchase of in-house sterilization equipment. The foundation's grant comes through generous gifts from the Ethel G. Wittig Area of Interest Fund and the Martha Shamberg-er (Rosannah Winter Medical Research) Fund.

The Foundation has stepped forward to support ECOH before. In 2005, through the Ethel G. Wittig Area of Interest Fund, it provided a \$50,000 leadership grant as ECOH fund-raising efforts began.

"I can't say enough about the backing we've received from the Seattle Foundation," said Dr. Joel Berg. "It's support like this that will let us have the kind of impact on childhood oral health that we hope to achieve through ECOH." ■

Dental Fears clinic wins Gies Award

OUR SCHOOL'S DENTAL FEARS RESEARCH Clinic has been named winner of one of dental education's top awards: a 2010 American Dental Education Association Gies Foundation Award for Innovation.

In a letter from Dr. Richard W. Valachovic, Gies Foundation president, our clinic was cited for "superior demonstration of outstanding innovation in support of global health and oral health education." The award, which came in the academic dental institution category, was to be presented at a ceremony on Feb. 27 in Washington, D.C., during ADEA's 87th annual session.

Our Dental Fears Research Clinic, which began in 1982, provides comprehensive care to dental-phobic patients, using behavioral therapy and medication, and also conducts re-



*Dr. Tar Chee Aw
directs our Dental
Fears Research Clinic.*

search. In addition, the clinic plays a role in teaching dental students through required courses and rotations. Dr. Tar Chee Aw is director, with other providers including Dr. Peter Milgrom (director emeritus), Dr. Philip Weinstein and Dr. Lisa Heaton.

Commenting on the award, Dr. Aw said: "It takes a great team effort — providers, psychologists, dental hygienists, dental assistants, office staff all contribute. We have a unique population of patients that requires a special level of care."

The Gies Awards, named after dental education pioneer William J. Gies, honor people and organizations exemplifying dedication to the highest standards of vision, innovation, and achievement in global oral health and dental education, research, and leadership. ■

Hook, line and tinkerer

First-year Orthodontics graduate student Tori Matthys won our School's annual Orthodontics wire sculpture contest after submitting this fish. The annual contest features entries created out of orthodontic wire and acrylic.



Two from Dentistry receive MLK honors

DR. TOM MORTON AND ZENE TEFERA of our School of Dentistry were honored with awards on Jan. 14 at the UW Health Science Center's annual tribute to Dr. Martin Luther King Jr. At ceremonies in the Health Sciences Center lobby, Dr. Morton received the Martin Luther King Jr. Distinguished Service Award for 2010. Tefera was among several Health Sciences staff, faculty and students who received Community Volunteer Recognition awards.

Dr. Morton, who is our Acting Chair of Oral Biology, was honored for exemplifying Dr. King's principles through a commitment to addressing community needs, especially for people of color and low income, plus efforts to improve the human condition and empower all people. He was cited for activities including:

- Encouraging students at historically black colleges and universities to

pursue dental education and careers.

- Endowing a fellowship for pediatric dentistry/oral biology leadership in children's oral health research.

- Advocacy for the Health Sciences Center Minority Students Program.

- Dental science volunteer community service with agencies such as the King County Medical Examiner, Veteran's Administration, Harborview Medical Center, Seattle Children's hospital, American Cancer Society, Governor's Advisory Council on HIV/AIDS, Episcopal Diocese of Olympia, and area law enforcement agencies. He was a key member of the forensic team that helped investigate Puget Sound's infamous Green River murders in the early 1990s.

In accepting his award, Dr. Morton paraphrased the German poet Goethe, saying: "Treat people as if they are what they ought to be, and you help them be-

come what they are capable of being."

Tefera, who is our Registrar in Student Services and is noted for her warmth and graciousness, was cited for her commitment to community-building, advocacy for educational excellence, promotion of social justice, and advancement of cultural awareness. Her service at the UW has included work with the Global Health Committee, the Human Resources Service Recognition and Service Award Team, and the BizTech Showcase User Group. Outside the UW, she has been a Red Cross volunteer, certified instructor in blood-borne pathogens and HIV/AIDS, and a volunteer in the local Ethiopian community and at Ballard High School and John Marshall Alternative School.

The annual recognition ceremony is held in conjunction with the birthday of the late civil rights leader and Nobel Peace Prize winner. ■



Dr. Tom Morton and Zene Tefera exchange congratulations after receiving their awards.

Theresa Marks receives first Stiefel Fund award

Theresa Marks has been selected as the first recipient of an award from the Doris Stiefel Endowed Fund, which supports students in our School's Dental Education in Care of Persons with Disabilities program (DECOD).

Marks, now a dental program instructor at Hagerstown Community College in Maryland, served earlier as a

clinician and student instructor in DECOD program, where she had a teaching internship.

"Theresa demonstrated a real commitment to education and clinical training for dental hygiene students in the oral health care of special patients," said DECOD's Mae Chin, Clinical Associate Professor in Dental Health Public Sciences and Oral Medicine. "She's well deserving of this honor."

Along with her work in DECOD, Marks was selected for her desire to develop a special-needs course, including didactic and clinical activities, for dental hygiene curriculum, which she is doing at Hagerstown Community College.

"During her time in DECOD, Theresa was very diligent in providing specific directions to students in reviewing charts, and instruction on management of the difficult patients, and she ended each session with a debriefing that helped them understand the big picture in care of our patients with disabilities," Professor Chin added.

Marks, a dental hygienist for more than 17 years, recently received her M.S. in Oral Biology at the School of Dentistry, where she was also involved in our School's Oral Health Collaborative.

"As I learned dental patient management skills of people living with disabilities, I experienced a new side of dental hygiene practice," she said, adding that her experiences with DECOD "taught me the need for dental health professionals to be willing and trained in patient care practice of people living with severe disabilities."

She also said, "I thank Doris Stiefel for her generosity and commitment to this program at the University of Washington."

Dr. Stiefel ('54, Oral Biology '71), who was the first woman graduate at our School, was director of DECOD from 1975 to 1994. She and her husband, Ernest, are also members of the School's Dean's Club. ■

Dean addresses WSDA delegates

Dean Martha Somerman appeared before the Washington State Dental Association on Sept. 11 to deliver an update on our School at the annual WSDA House of Delegates meeting in Chelan, Wash.

Dr. Somerman reviewed the state budget situation and its impact on the School, and pledged that despite budget cuts and layoffs, the School would continue to keep its focus on clinical and teaching excellence.

Our Dean also reviewed developments in the Early Childhood Oral Health and Regional Initiatives in Dental Education programs, and noted our School's global impact via foreign student and faculty visits and UW faculty lecture trips abroad.

She also stressed our School's commitment to addressing disparities in access to oral health care, which is one of WSDA leadership's signature issues. "Our school will be a part of the solution," she told delegates.

Dean Somerman has been reaching out to solidify ties with the WSDA in the past year. She has visited with component society presidents such as Dr. Christopher Pickel of Seattle-King County and Dr. Bradley Jarvis of Spokane, and also hosted then-WSDA President Dave Houten for a "shadow day" at the School. The Dean also met with the WSDA board in early February. ■

Summer program funding is renewed

The UW School of Medicine's and School of Dentistry's Summer Medical and Dental Education Program (SMDEP) has won renewed funding of \$600,000 from the Robert Wood Johnson Foundation, Foundation officials have announced.

The Foundation began the program for college freshmen and sophomores under another name in 1988, as a six-week medical school preparatory program. At that time, it sought to boost the number of highly qualified medical school applicants from minority groups.

The program has since expanded to add pre-dental students and include economically disadvantaged students from rural medically underserved areas.

Dr. Bea Gandara of Oral Medicine, who heads our School's Office of Educational Partnerships and Diversity, directs the dental side of SMDEP at the UW. ■

DIANE DAUBERT

Periodontics

Teacher, student, mom and mentor

THERE ARE DENTAL HOMES, AND THEN THERE ARE DENTAL families. But there aren't many like Diane Daubert's.

Daubert, a Periodontics teacher and graduate clinic administrator who has spent 22 years at the School of Dentistry, has connections to dentistry in all directions. Start with her sister, Karen Daubert (RDH '79), who pushed her to pursue the job in Graduate Periodontics, assuring her that the cut in pay would be well worth the payoff in job satisfaction and opportunity. They worked side by side for four years until Karen finished law school in the University of Puget Sound's evening program and left the UW.

Then there's her former father-in-law, Dick Johnson, an affiliate faculty member at the School who stressed to his family the need for continuing education. And her brother-in-law, Mike Johnson (Bellevue prosthodontist and former Dental Alumni Association president), and her former husband, a dentist.

And, of course, there's Rusty Johnson, who was her classmate in General Pathology while she worked toward her master's degree in oral biology. He's also her student; she taught him Dentistry 610 – Introduction to Clinical Dentistry last year and she has him in her Periodontics 525/526 courses this year.

Oh, and Johnson, Class of '12, is also her son.

That's quite a balancing act, but everyone involved just takes it in stride. Johnson, who lives at home, simply flashes a good-natured grin when asked about the complications of having a mom who's also his classmate and teacher. President of his class, he's a poised and mature student.

Daubert says that she and husband Kip Wiebusch enjoy having Johnson at home during dental school after his undergraduate sojourn at Rocky Mountain College in Montana.

"I get to hear the ins and outs of courses, and what the frustrations are," she says. "It helps me put my own courses together better."

Nor was taking General Pathology together a problem: "I like to study by myself, so I'd sit in one room at home and he'd sit in another when we were studying for a test. When a question came up, you'd poke your head around a corner."

The balancing act is nothing new. When Daubert was finishing her training in dental hygiene at the UW in 1982, she occasionally kept her oldest son (now a chef in Bellevue) in a bassinet under her desk during classes.

"It's tough having a baby and being in school," she says. "That last year was tough, but I made it through and never looked back." Now, she says, "I think it was great for the kids."

Daubert divides her time among clinical care, teaching and research, and also serves on the Dental Alumni Association board. She welcomes these multiple demands.

"I love being here in this teaching environment," she says. "I like being around people who are learning and discovering."

She says she especially loves being around students from the first year and then seeing them progress through school. "They ask 'Why do we have to learn this?', and then they get into clinic and see that it's not just filling a cavity – it's treating the whole person."

Her lifelong commitment to learning has also paid dividends, she says: "Every time I take a class, it opens up so much more for me. It's great to have that opportunity, because I wouldn't get that anywhere else." After winning her master's last June, she's working on her doctorate.

She's quick to acknowledge the debt she owes her teachers at the School. "I've had great mentors: Bob Johnson – he's like a father. Bill Ammons – I still miss him. Martha Fales (who was chair of dental hygiene at the School until the program was discontinued in 1983) – if she's still around when I finish my Ph.D., she'll be the first one I show it to."

Dr. Robert Johnson, the elder statesman of Periodontics, says she's a fine administrator, but adds, "The most impressive part of Diane Daubert is her big heart." He notes that she has acted as "confidant and 'mother hen' for numerous stressed-out Grad Perio students," and will donate sick leave or vacation time to a staff member facing a medical crisis.

"She thrives in this demanding environment," he says.

"Perio is really exciting," Daubert says, then pauses and smiles. "People look at you a little weirdly when you say that. But it's really gratifying when people come in with a lot of dental disease, and then eventually are restored to health." ■



NORMA WELLS

Dental Public Health Sciences

A passion for public health outreach

ON AN INDIAN-SUMMER FRIDAY MORNING AT QWEST FIELD, home of the Seattle Seahawks, there's no game, but the concourse under the stands is still mobbed. Hundreds of people mill about at United Way of King County's Community Resource Exchange, an annual event to deliver free health screenings and care to Puget Sound's homeless.

In the middle of this maelstrom stands Norma Wells, directing people to dental screenings, telling them where to go for follow-up care, consulting with other volunteers. Frazzled? Hardly. She's in her element, and wearing a huge smile to prove it.

For thousands of Washington state residents over the last 15 years, she has spread the message of oral health and delivered screenings through the Oral Health Collaborative that she directs.

"Norma has had a career-long passion for dental hygiene education, service learning, and community-based oral health promotion," says Dr. Doug Ramsay, Chair of Dental Public Health Sciences.

At the School, she's officially Associate Professor and Dental Hygiene Director in Dental Public Health Sciences, as well as Adjunct Associate Professor in Oral Biology. But her passion for public health extends far beyond teaching – it's inextricably bound up in doing.

She recalls how the Collaborative arose from a clear need in 1995: "I'd sit here in my office and the phone would ring with people needing help, and there would be no place to refer them. Or a teacher would say, 'I need someone to come and talk to my kids [about oral health].'"

Requests for information came from all over the community – schools, senior citizen clubs, special-needs groups. Professor Wells enlisted other graduates of the UW's dental hygiene program to help, and the Collaborative was born.

She still can't say enough about the volunteers – some from the UW, including School of Dentistry faculty and staff, and others from elsewhere in the Puget Sound area – who continue to answer her call. "Those who want to give back, who have a feeling for social justice – they're wonderful," she says.

The Collaborative often works through institutional partners such as Heritage University in Toppenish, the Yakima

Farm Workers Clinic, United Way of King County, Yakima's Enterprise for Progress in the Community, or the Yakima County Health Department.

In 2008, the Collaborative began providing oral health screenings for more than 2,000 Tukwila students. Screeners, including volunteers from the Washington State Dental Hygienists' Association and Everest College's dental hygiene program, identified more than 100 with urgent needs and followed up with their parents. The Washington State Smile

Partners program in Kitsap County is now managing the follow-up program.

"There are just too many needs out there not to pay attention to as many as we can," Professor Wells says.

Her community outreach extends back to the 1960s and Seattle's Central District. Her mother was one of the first Head Start teachers, joining the program right after daughter Norma joined the Peace Corps, fresh out of the UW's dental hygiene graduate program.

She already knew that she'd never be satisfied with working solely as a clinical hygienist. "I don't mind looking at mouths and doing cleanings," she says, but she wanted more.

During two years in El Salvador as a health educator, she learned the importance of public health: "It was that experience, knowing that if you don't have clean water and sewage facilities, disease runs rampant." After her stint, she attended UCLA and did some research in Mexico, then came back to the School of Dentistry.

Today, one of the UW programs she's most excited about is Students in the Community, a Health Sciences group. This volunteer outreach goes to the working poor, including patients who fell into poverty after losing jobs; it also serves people with drug addictions and the mentally ill.

"It really works – students get sensitized to the needs of people they otherwise wouldn't have the opportunity to meet," she says. "They learn about people's hardships."

And so she willingly continues to put in the long hours of organizing volunteers for more public-health outreaches. For her, the bottom line is relatively simple:

"Prevention is where I'm at." ■



faculty updates

Dr. Natasha Flake of Endodontics has received the 2010 Junior Faculty Award given by the American Dental Education Association (ADEA), its



Council of Students, Residents and Fellows (COSRF), and the Colgate-Palmolive Co. The award is for “excellence in teaching, research and service.” Dr. Flake was also asked

to address the COSRF at ADEA’s 2010 Annual Session and Exhibition in Washington, D.C., in March.



Dr. Wendy Mouradian, Associate Dean for Regional Affairs and Curriculum, has co-edited a special issue on children’s oral health for *Academic Pediatrics*, the journal of the Academic Pediatric Association, featuring commentaries from leading oral health figures as well as from Dr. David Satcher, former U.S. Surgeon General.



The issue grew out of a landmark national summit on children’s oral health, co-chaired by Dr. Mouradian and held by the American Academy of Pediatrics in Chicago in November 2008. She also chaired the 2000 Surgeon General’s Conference on Children and Oral Health. The journal ex-

amines how far the United States has come since a 2000 report by the Surgeon General in meeting the Healthy People 2010 oral health objectives.

Key findings include these:

- Oral disease, primarily dental caries, is the most common pediatric disease and can lead to physical and psychological disabilities as well as significant morbidity in adulthood.
- Recent data suggest that this preventable disease is increasing among very young children.
- Children’s diets, a subject of growing concern for obesity, can also increase dental caries.
- Scientific and technological advances in sequencing of the human genome, tissue engineering and saliva diagnostics may have significant potential to affect oral health.

Contributors include **Dr. Charlotte W. Lewis**, associate professor of pediatrics at the UW School of Medicine, who also holds an adjunct appointment in Pediatric Dentistry. Also contributing to the special issue from the School of Dentistry are **Dr. Sue Coldwell**, Associate Dean for Student Life and Admissions, and **Dr. Peter Milgrom**, director of the Northwest/Alaska Center for Research on Oral Health Disparities.

In addition, Dr. Mouradian was recently the subject of an “Oral Health Champion” interview in the AAP’s Oral Health Initiative e-newsletter.



Dr. Joel Berg, Chair of Pediatric Dentistry, testified on the success of Washington state’s ABCD program on Oct. 7 before a U.S. House subcommittee in Washington, D.C.

In prepared testimony, Dr. Berg told the House members that in the last 10 years, the Access to Baby and Child Dentistry program has more

than doubled the number of young Medicaid children in Washington who receive dental care.

ABCD, which was launched in Spokane in 1995, focuses on preventive and restorative dental care for Medicaid-eligible children from birth to age 6, with emphasis on enrollment by age 1.



Dr. Glen Johnson of Restorative Dentistry and his wife, Susan, spent the 2008–09 academic year on sabbatical at the University of Heidelberg, officially known as Ruprecht-Karls-Universität Heidelberg. Dr. Johnson served as “guest professor” in the Department of Prosthodontics, headed by Dr. Peter Rammelsberg.



Dr. Johnson spent much of his time implementing a multi-center clinical trial to test a simplified mixing system for a polyether impression material aimed at the North American market. He also directed two laboratory studies on a novel elastomeric material that has nearly ideal wettability upon mixing, which could greatly improve the ability of the practitioner to make and pour flaw-free impressions.

Dr. Johnson also submitted five research manuscripts and has had two of them published, one as a featured research article in the September 2009 issue of the *Journal of the American Dental Association*, on a six-year UW study of contemporary dental cements. ■

A Day With the Dean

BEHIND THE SCENES AT THE SCHOOL OF DENTISTRY

BY STEVE STEINBERG DENTAL ALUMNI NEWS EDITOR

AT 5:45 A.M., THE ALARM GOES OFF. At the edge of Seattle's Laurelhurst neighborhood, which hugs Lake Washington's western shore, Dr. Martha Somerman gets ready to greet the day. She pulls on an athletic suit and heads into the wintry February gloom for a 45-minute lope through her neighborhood.

Her husband of 27 years, technology transfer consultant Norm Schiff, will sleep in a little longer. So will their beloved mixed-breed dog, Ozzy, whose balky 14-year-old hips don't allow him to be a run-

ning partner anymore.

After her run, she gets ready for work and climbs into her Toyota Camry for the drive to the University of Washington Health Sciences Center, a few miles to the south. Along the way, she picks up coffee and has a quick breakfast of Cheerios and yogurt.

In December 2008, when a snowstorm made Seattle's streets impassable to traffic for more than a week, she just shrugged and walked to work.

The Dean is not easily diverted from the task at hand. →



another demanding day awaits Dr. Somerman at the School of Dentistry, where she has been Dean since 2002.

The Dean is CEO of a multimillion-dollar nonprofit organization that incorporates more than 330 students, more than 120 full- and part-time faculty, about 500 volunteer faculty, 200 or so staffers, multiple departments and clinics, a sprawling physical plant and a staggering assortment of constituents.

Running the school itself is a huge task, but the Dean must also consider a much wider group of stakeholders: Dentistry alumni, major donors, the UW administration and the Health Sciences Center, accreditation overseers, professional dental groups such as the Washington State Dental Association, dental education associations, the National Institutes of Health, state public health agencies and others.

And even within a school, a university dean does not wield absolute authority; tenured faculty can just say no. Changes must come through collaboration rather than coercion. It's a job for a diplomat, not a dictator.

7:30 a.m.

AT THE OFFICE

The Dean arrives at her office on the third floor of the Health Science Center's D wing. On the wall opposite one end of the hallway sits a large, handsome cherry-veneered panel honoring the School's "Partners in Excellence" major donors. It provides a daily reminder that as state funding continues to melt away from higher education, the School relies more heavily on other sources – especially its alumni and friends – to maintain its quality.

The first 30 minutes are for catching up on the e-mail that has piled up overnight, to check in with her staff, to glance through correspondence and to sip coffee. It may be the most relaxed time she'll have until she goes home.

8:00-8:30 a.m.

MEETING WITH DR. JOHN WATAHA

Dr. Wataha, Chair of Restorative Dentistry, is relatively new to the School, having arrived early in 2008 from Medical College of Georgia, where he'd carved out a national reputation as a researcher in biomaterials science and biocompatibility. He also has had extensive private practice experience.

As the School's biggest department goes, so in large part goes the School's clinical training. Dr. Wataha's tenure began during a time of transformation: The School just shifted to its new AxiUm patient-record software last year, is implementing digital radiography, and is revamping its patient-care model. All restorative care has been merged into a single clinic with a single advising system. This way, students will learn to manage cases across a spectrum of sub-disciplines; it's a model that more closely resembles private care. Students like the new system, because it gives them wider contact with faculty. Another goal is to increase the number of procedures students perform on patients, especially in the fourth year, when they're most technically adept.

8:30-9:15 a.m.

MEETING WITH JEAN GARBER

It's hard to overstate the Assistant Dean of Finance and Administration's importance to the School. Simply put, she knows how everything works and how all the numbers add up.

Today, Garber and the Dean will discuss an issue that has cast its shadow over the School and the UW for the last year and a half: the state budget and another series of cutbacks. The state Legislature, facing a \$9 billion shortfall going into the 2009-2011 biennium, slashed funding for the UW and other four-year institutions by more than 25 percent. The UW was also given permission to raise tuition 14 percent each of the next two years, but the increase fell far short of closing the budget gap. That meant a 10 percent budget cut for the School. It meant staff layoffs and elimination of more than three full-time faculty positions. Garber had to figure out how it would all work.

But last year's cuts weren't enough; the state's sales-tax revenues continue to flat-line as the economy sputters, and the Legislature is back in session, scratching its collective head over how to close a new \$2.8 billion gap.

Early on, Dentistry was advised to prepare for a new budget cut of 3.5 percent, but the state's financial picture has darkened further. Now the cut could reach 5 percent. As before, Garber will have to tell School departments how much must be cut, and they will decide how to do it. It will test the resolve and ingenuity of every department and administrator.



Dr. John Wataha, Chair of Restorative Dentistry, strategizes with the Dean about meeting challenges in his department.

8:00-8:30 a.m.



The Faculty Council meets monthly with the Dean to discuss School governance. From left: Dean Somerman, Dr. Greg Huang, Dr. Linda LeResche, Dr. Lloyd Mancl, Dr. Xavier Lepe, Dr. Tom Morton, Dr. O. Ross Beirne.

Finally, the Dean must rally the School – again – to do more with less. She will also be working with the UW Provost’s office to stay abreast of the budget situation, and also try to find ways in which the School can leverage other UW assets in teaching and research to make its own resources go farther.

Meanwhile, state revenue forecasters predict that the next bi-ennium could confront the state with another multibillion-dollar shortfall. The last time, federal stimulus money closed nearly half the gap. That’s not likely to happen next year.

9:21 a.m.

HALLWAY DISCUSSION WITH DR. DAN CHAN

The Associate Dean of Clinical Services wants to pass on some information about the school’s digital radiology initiative, which is now being implemented at the School.

Since he arrived at the beginning of the 2008 academic year from the Medical College of Georgia, he has led the effort to transform comprehensive care at the School. Working closely with Dr. Wataha, he is also trying to make clinical care as patient-friendly as possible. He has been monitoring patient feedback closely since he started, and has just reached an agreement for the School to be the first in the nation to use Dentra’s PatSat patient satisfaction software.

Now he’s heading for a meeting of the School’s Professionalism and Ethics task force. Dr. Chan is another one of those senior faculty members who touches base frequently with the Dean throughout the week. Everything in the School’s clinics falls within his purview – patient care, student training, accreditation standards, HIPAA compliance. If the School were a basketball team, you’d expect to find him playing point guard.

10:00-10:30 a.m.

DUELING CONFERENCE CALLS

The Dean will spend most of her time on one call discussing the ADA’s Guide to Therapeutics, the major agenda item for the ADA’s Council on Scientific Affairs Committee. If time permits, she’ll jump into another call with the Coalition to Fund Dental Access, a consortium of Washington state groups trying to protect state funding for the adult dental Medicaid program.

Medicaid is important to the School. It’s not for the revenue – the School wrote off nearly \$2.9 million in unreimbursed Medicaid care in the last fiscal year – but these patients are valuable teaching cases. In addition, the School, as a state institution, believes it must play a role in public health – especially for the state’s most vulnerable populations, including the elderly and people with disabilities.

10:30-11:15 a.m.

MEETING WITH DR. JOEL BERG

The Chair of Pediatric Dentistry is also director of dentistry at Seattle Children’s hospital, and he will lead one of the School’s biggest new ventures: The Early Childhood Oral Health (ECOH) program will open a new facility at Seattle’s Magnuson Park this September, in a joint venture with Seattle Children’s. The UW and Children’s will merge their pediatric departments, hoping to create synergy that will greatly expand their reach.

Dental disease is running rampant among children in underserved and minority communities. The new program will focus on bringing children in for visits by age 1 to get an early start on prevention, along with research and new models of care.

Much rides on this venture. It was created with the help of a \$5 million gift from the Washington Dental Service Founda-

1:30-2:30 p.m.



The Dean meets with Dr. Steve Hanson (right), UW Vice President for Global Affairs, and Dr. Tim DeRouen and Dr. Sue Coldwell of the School's faculty.

Tomorrow the Dean has her monthly meeting with the Executive Committee, which comprises all department chairs, associate and assistant deans, graduate program directors and a Faculty Council representative. The Dean will deliver updates on UW and School affairs, and they'll go over budget impact statements. They'll hear previews of future meeting topics including DDS competencies and fee-based degree programs. Dr. Chan also will present information about the school's plans for an international dentist DDS

tion and matching funds from the UW, and all involved hope that it will change the face of pediatric oral health in the Pacific Northwest.

Last year, the Dean also appointed Dr. Berg to the new position of Associate Dean for Hospital Affairs, and they'll be talking about his plans in that job. Dr. Berg is charged, among other things, with cementing relations with hospitals around Puget Sound. One key goal is to boost the number of referrals to the School's specialized-care clinics, especially from the UW Medical Center. That could make a big difference for graduate residency programs.

11:15-11:45 a.m.

E-MAIL, PHONE CALLS, PAPERWORK

11:45 a.m.-noon

LUNCH

Just a handful of pretzels, yogurt, an apple and a few sips of coffee at the desk. There's little time before the next meeting.

Noon-1:30 p.m.

MEETING WITH FACULTY COUNCIL

The six-member elected Council gathers once a month. Today, the Dean updates them on developments in the Legislature, passing along input from the UW Board of Deans. (She's also closely plugged into the UW Medical Center and other health-related UW schools as current Chair of the Health Sciences Center Deans committee.)

The Council also discusses a structural realignment proposed for the UW Faculty Senate, and goes over plans for this year's faculty retreat. They also review what's landed in the school's online suggestion box – ideas for more efficiency, cutting the budget, improving patient service.

program, one that can add significant diversity to the student body and help bring in valuable additional revenue.

The last meeting two weeks ago included a discussion of ways to reduce paperwork for affiliate faculty; the School is also trying to address affiliate parking issues. With all the pressure on School and faculty budgets, the affiliate teachers play an especially critical role in the clinical training mission – at a time when many find themselves forced by the economy to spend more time in their private practices.

1:30-2:30 p.m.

MEETING WITH DR. STEVE HANSON, DR. TIM DEROUEN AND DR. SUE COLDWELL

Dr. Hanson is UW Vice President for Global Affairs, while Dr. DeRouen is the School's Executive Associate Dean for Research and Academic Affairs, and Dr. Coldwell is Associate Dean of Student Life and Admissions. Dr. Hanson wants to talk with these Dentistry leaders about the School's current global initiatives in lecturing, research and grants, and faculty and student visits from abroad. He'd like to foster closer collaboration on these activities with his office.

2:30 p.m.

MEETING WITH GARY ZIMBERG AND BRIAN FOSTER

Zimberg, a representative of Carl Zeiss Micro-Imaging, is running late in traffic, which is just as well, because...

2:32 p.m.

URGENT CALL FROM UW PROVOST'S OFFICE

There's a question about a School operational issue that needs an answer right away. The Dean hurries out for a quick face-to-

face huddle with the department chair involved.

Zimberg arrives at about 2:45. He and Foster, a Ph.D. student in Oral Biology and senior research member of Dr. Somerman's lab, sit down with the Dean to discuss an NIH instrument grant proposal.

3:40-3:55 p.m.

**UNSCHEDULED TALK WITH
DR. WENDY MOURADIAN**

Dr. Mouradian, Associate Dean for Regional Affairs and RIDE, directs the school's new Regional Initiatives in Dental Education program. RIDE is an outgrowth of UW Medicine's WWAMI (Washington, Wyoming, Alaska, Montana, Idaho) program. It features dental students studying alongside medical students and hygienists for their first and fourth years at Eastern Washington University's Riverpoint Campus in Spokane. (They spend years two and three at the School in Seattle.) Last year's eight-student cohort was the program's first, and from all accounts it has made an excellent start. Hopes are that many of the RIDE students will settle in underserved and rural areas after graduation and help address access-to-care issues.

The Dean and Dr. Mouradian also share an intense interest in oral health public policy and the dental education establishment. Both are active in the American Dental Education Association, and Dr. Mouradian (a pediatrician by training) has worked closely with the American Academy of Pediatrics to get more pediatricians involved in oral-health screening and basic prevention.

Today, they'll talk briefly about the agenda for the next day's meeting with Dr. Joseli Alves-Dunkerson, manager of the Washington State Oral Health Program. That meeting will focus on the newly drafted Washington State Oral Health Workforce Report, into which the School had considerable input.

4:00-4:30 p.m.

TOUR OF D-3 CLINIC

As often as possible, the Dean throws on her clinical coat and strolls the School's clinics, talking to students, faculty and patients. It's one of the best ways to take the School's pulse where it's most important – in clinical training. Today, she catches the last part of a study club session, and watches intently as a fourth-year student treats a patient.

4:30-5:30 p.m.

BACK IN THE OFFICE

Time to catch up on whatever e-mail couldn't be handled between meetings, return phone calls, go over paperwork and check with the staff on what's coming up tomorrow.

It will be another busy day, but there will also be a two-hour afternoon meeting with the Dean's lab group, always an enjoyable time. The Dean has an international reputation for her research in tissue repair and regeneration.

Research is critical to the School. The University is intensely R&D-oriented; those in the sciences who do not make it a priority will quickly find themselves relegated to the UW's backwaters.

6:00 p.m.

HOME

On some nights, that's a hotel room; the Dean will leave in a few days for lectures and symposiums in Thailand, Taiwan and Japan. On other nights, there may be a UW function or an alumni or student event.

On this night, however, the Dean will just catch up on her reading – professional and research journals, books (fiction and history). She may do some of her own lab work. On many weekends and holidays, she'll come in to the office to attack the backlog of paperwork.

• • •

As hectic as the day has been, what's recounted here doesn't include the other demands on the Dean's time – the quick hallway chats, the phone calls, the impromptu huddles with staff, faculty or students.

But far from beating her down, the breakneck pace just energizes the Dean. Ask her how she feels about what she does, and you get a quick, clear answer:

"I love my job." ■



Meetings with the Dean's lab group are always a pleasure.

tomorrow



Help shape dentistry's future

JOIN THE WSDA/UW 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@u.washington.edu or 206-616-0716.

**JOIN THE MENTOR PROGRAM.
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SCHOOL OF DENTISTRY STUDENT VOLUNTEERS

Mastering the lesson of giving back

ON A CHILLY FALL EVENING IN SEATTLE'S WALLINGFORD NEIGHBORHOOD, pedestrians scurry along 45th Street as darkness gathers, coats zipped tightly against the early-November chill. There's a suggestion of rain in the air, hinting at the soggy gloom that will soon cast its customary shroud over the city for the next four months. It's a good night to be someplace warm and welcoming.

Some of those on the street tonight, especially those who are homeless young adults, can only dream of such a place. But these young people can find at least a momentary haven, one where they can get basic health care and emotional support.

NeighborCare Health's 45th Street Clinic, a primary-care clinic that also encompasses a homeless-youth medical and dental clinic, is just that place. And, on four Thursday evenings every academic quarter, students and faculty from the School of Dentistry volunteer their services.

Upstairs at the clinic this evening, nine students are tending to patients. Two dentists always supervise, one from the School of Dentistry faculty and one from NeighborCare staff. Tonight it's Dr. Douglas Verhoef, the School's director of pre-doctoral

Restorative clinics, and Dr. Glenn Govin, who wears two hats: NeighborCare's and the School's, as director of the Dental Education in Care of Persons with Disabilities program.

The School's outreach at the clinic was launched in 2005 by Dr. Donald Chi, then a UW dental student and now a pediatric dentist and newly appointed UW faculty member. Along with four operatories, NeighborCare provides administrative help with patient charts.

Students, however, do the rest, including raising funds for clinical operations and supplies. The Class of 2010's Winter Gala early in 2009 raised \$6,138 for the outreach, and students stretched those dollars with a discount from Burkhart Dental Supply.

The patients are mostly 18 to 21 years old – not that much younger than the dental students, so there's an easy rapport among them. Student director Matthew Epstein ('10) notes that "homeless" patients don't always live on the streets or at shelters. Some come from abusive homes and are living with friends or drifting from one temporary spot to another.

Regardless, says student director Diana Cortes ('11), "It's pretty impressive that patients even make an effort to come here."

Luke Adams ('11) and Carrie Huttenlocher ('10) tend to a patient at the 45th Street Clinic.



“You see kids who look like they’ve had dental care all their lives, along with kids with really serious problems (sometimes drug-related),” says Alana Hagney (’10).

Some just need cleaning and prophylactic care. One 21-year-old patient tonight is making her first-ever visit to a dentist. Remarkably enough, in a testament to good genes, good diet, good brushing and good luck, she needs only a cleaning. Some patients, however, need serial extractions or extensive restorative care.

Says Dr. Govin: “You see a lot of people who you hate to let go back on the street – homeless teens in really dire straits. Many of them have ‘aged out’ of foster care.”

Dentistry students relish the experience not only for the chance to do some good, but because they have a little more latitude in delivering care than they do at school. However, the cases that are too complex are referred elsewhere; serial extractions, for example, often go to Harborview Medical Center.

Says Graham Meng (’11), who is making his fourth volunteer trip to the clinic: “One of the fourth-years told me it was a good experience. I see this as a good way to give back a little bit.”



The 45th Street Clinic is one of the School’s most popular student volunteer outreaches, but it is hardly the only one. Students give their time, services, money and even sweat to help extend oral health care to those sorely in need of it.

Much of the outreach activity is coordinated through the School’s Office of Educational Partnerships and Diversity (OEPD), which is directed by Dr. Bea Gandara of Oral Medicine and administered by Memory Brock. Additionally, OEPD conducts recruitment activities, with students volunteering in

wax-up workshops for pre-dental students at the UW, Dental Camp experiences for middle- and high-school students and career fairs at local high schools, colleges and universities.

Students also participate in the School’s Oral Health Collaborative, directed by Associate Professor Norma Wells of Dental Public Health Sciences, which conducts oral health screenings (sometimes in conjunction with on-site volunteer treatment providers) and provides referrals. Other faculty members also lend their time and support to the student volunteers.

Here’s a brief look at the ways in which UW Dentistry students reach out to the community.

Rock ‘n’ Roll Seattle Marathon Fund-Raiser for Access to Care

STUDENT LEADER: GRAHAM MENG (’11)

Last year’s event was the inaugural race in Seattle. A team of 22 from the School of Dentistry solicited pledges and raised more than \$3,000 for the School’s Access to Care Fund, which supports student volunteer outreach activities. This year, team organizers are trying to find a sponsor to help defray team entry fees, and they’d love to have more feet on the ground.

“I would love it if we had 50 or more runners,” says Dr. Gandara, who ran last year and plans to do so this year as well. All dental students, faculty, staff, alumni, friends and family are welcome to join the School’s team. The 2010 event, which includes a full marathon and half-marathon, will be held on June 26. (Early word is that Dean Somerman, an avid runner, will join the team.) For more information, contact gmeng@u.washington.edu.



Rainier Vista Boys and Girls Clubs

**STUDENT LEADERS: DAN SEETIN ('11) AND
WHITNEY BATOR ('12)**

This outreach is a collaboration with Washington Oral Health Foundation (WOHF), the philanthropic arm of the Washington State Dental Association. Last summer, WOHF opened a one-chair clinic and oral health education center at Rainier Vista Boys and Girls Club in Seattle. Since then, UW students have given classes at the Rainier Vista club and other Boys and Girls clubs and talked with youngsters about careers in dentistry, mouth-guard use during sports, and the effect of smoking and drugs on oral health. The outreach organizers hope to have dental students deliver care at the clinic, partnering with volunteer community dentists.

Students in the Community

**STUDENT LEADERS: SEUNG YU ('10),
LINDSAY BOOTH ('13)**

Students in the Community (SITC) is a UW multi-disciplinary volunteer health professional organization. Dentistry students have been giving their support as oral health advisers to residents at Aloha Inn, a transitional housing facility for homeless people. A new project is being organized at Casa Latina, a day labor center, where students will provide oral health education in Spanish. Bri Butler ('12) is currently leading lunchtime Spanish conversation classes at the school that provide students opportunities to practice dental interactions with patients. SITC also fosters collaboration among UW medical and dental students.

Husky Smiles

STUDENT LEADER: DAVID TA ('11)

Husky Smiles has been completely operated by UW dental students since the program was initiated by Jane Prebilsky ('02), now Dr. Jane Gillette. Students visit approximately four sites each year – schools, community centers, and nonprofit social service agencies – to teach about oral health and provide screenings and fluoride varnish applications for children who lack regular access to dental care. Last year, Dentistry students also collaborated with UW School of Nursing students, teaching them how to deliver oral hygiene training for their outreach efforts.

Summer Medical and Dental Education Program

**CO-DIRECTORS: DR. BEA GANDARA AND
DR. DAVID ACOSTA, ASSOCIATE DEAN
OF MULTICULTURAL AFFAIRS,
SCHOOL OF MEDICINE**

This program for college freshmen and sophomores was begun in 1988 by the Robert Wood Johnson Foundation as the Minority Medical Education Program. It was originally designed to boost the number of highly qualified medical school applicants from minority groups, through a six-week medical school preparatory program. Today, under a new name, the program now includes economically disadvantaged students from rural medically underserved areas. It also has expanded to include pre-dental students, and receives direction and technical assistance from the Association of American Medical Colleges and the American Dental Education Association. Community and faculty physicians and dentists serve as preceptors, while medical and dental students volunteer in workshops as teachers and mentors. Students also join panel discussions on preparing more effective applications for medical and dental school.

Latina Women's Health Fair

**STUDENT LEADERS: SHEILA FARAHANI ('10),
DIANA CORTES ('11)**

While the outreach target population is primarily Hispanic, this multidisciplinary health fair serves hundreds of women and their families and is open to all. Last year, nine dental students and six faculty members examined patients at the fair, applied fluoride varnishes and provided referrals to community dental services. Students and faculty will make a return visit at this year's fair in May.

• • •

“The message is clear,” says Dr. Gandara. “Our students want to be engaged in the community. They want to step up to participate in, and even start, programs that aim to improve oral health for everyone. These students are educators, leaders and compassionate care providers who have mastered the lesson of giving back to the community.” ■



Flanked by Dr. Bea Gandara of Oral Medicine and Dr. Sami Dogan of Restorative Dentistry, members of the School's 2009 Rock 'n' Roll Marathon team are clearly in elevated spirits.

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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Marco Alberts
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Joseli Alves-Dunkerson
Raj Angolkar
C.R. Anderegg
Gorgin Arasteh
Sun Bang
Victor Barry
Douglas Beaudry
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George Johnston
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Jonathan C. Su
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Alvin Thien
Ohnmar K. Tut
Rod Wentworth
Dorothy Yamamoto
Seulki You

Endodontics

Karim Alibhai
Maryam Aminian
Charles Backman
Steven Baerg
Kenji Beppu
Rebecca Berger
Raymond Bogaert

Jeannette Brandal
Dean Burnett
Cindy Chow
Rachelle Cohen
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Thomas Davidson
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Richard B. Bell
Pardeep S. Brar
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Peter Bui
Guillermo Chacon
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Richard Crinzi
Alan Deubner
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Ashoka Subedar
John Tidwell
Douglas Trippel
German Trujillo
Andrew Vorono
Charles Walters
Roger West
Michael Whelan

Oral Medicine

Theron Baker
Negin Bardideh-Badr
Petra Barclay
Daciana Buse
Alice Lan Chen
Chris Delecki
Roy Carlson
Ryan Y. Chiang
Rolf Christensen
Dominick Curalli
Daryl Detwiler
Ajay Dhankhar
T. Michael Doyle
Dennis Edmonds
Camelia Espahbod
Brian Etscheid
John Fitzgerald
Anita Fok
Michael Friedrich
Mark Germack
Robin Gossage
Barton Gratt
Ying Guo
Jeffrey Hamilton
Jeremy Horst
Raymond Hsu
Kimberly Huggins
Gregg Hyde
Steven T. Inaba
Charles Johnson
Todd Johnson
Lina Kim
Kenneth Lam
Carl Lothrop
Scott Martin
Daniel Moulding
Alan Moritis
Thanhduong Nguyen

Serban Olaru
Katherine Ostler
Antonela Polotanu
Shana Reidy
Keerti Saharabudhe
Annie E. Sohn
Lisa Stampalia
Kenyu Takamoto
Dale Townsan
Peter Van der Ven
Thomas Vo
Richard Voget
Lori Walker
Rodney Wentworth
Julius Willette
Mahnaz Zamanian
Joseph Zimmer

Orthodontics

Irena Baker
Michelle Brot
Robert Cohanin
Jay Decker
John Denny
Ross Drangsholt
Michael Fey
Kristina Grey
Roy Gunsolus
W. Michael Hairfield
Stanton Hall
John Ives
Richard Jones
Douglas Knight
Vincent G. Kokich
Vincent O. Kokich
Cynthia Koudela
John Moore
M. Lena Omnell
Perry Ormiston
Barbara Sheller
Pramod Sinha
Ward Smalley
David Turpin
Allan Van Ness
Gregory Vaughn
Terry Wallen
Heather Woloshyn

Pediatric Dentistry

Emel Agan
Yelena Akselrod
Cynthia Alegre
Timar Alem
Kyoko Awamura
Shradha Bansal
Bertha Barriga
Laura Benca
Jeffrey Berndt
Mary Elizabeth Bisese
Howard Blessing
Lisa Block
Daniel Boers
Nathan Brenner
Laurel Brion
Dave Brown
Jeffrey Camm
Robert Thomas Cawrse

volunteer honor roll

Rachel Chang
Sophie Chang
Daniel Cook
Ryan Cordero
Theodore Croll
John Dallman
Hien Dao
Danny Davidson
Shilpa Deshpande
Laina Dilling
Carlos Dorantes
Chris Delecki
Sherry Edwards
Remigius Eussen
Jared Evans
Errol Fife
Patrick Fleege
Caitlin Flynn
Sidney Gallegos



Dr. Sidney Gallegos

Andrew Garabedian
Janelle Gramson
Daniel Haghighi
Elizabeth Hall
Jeff Hays
Gerald Hino
Carrie Hjort
Kenny Ho
Julie Hong
Rebecca Hora
Michael Horn
Junn-Ming Hang
Tim Huson
Hiroko Iida
Kiyoshi Jones
Mark Kadoshima
John Kapust
Steve Karmy
David Kennedy
Steven Kimberley
Shinsim Kim
Sue Kim
Allen Kirkpatrick
Alice Ko
Mark Koday
Stacey Kutsch
Andy Chung-Han Lai
Bernard Larson
Mai Le
Jenny Lee
Sang Chol Lee
Lawrence Li
Kristi Linsenmayer
John Liu
Seok Bee Lim
Roberto Llopis
Trent Loiseau
Larry Loveridge
Chris Lugo
Brian Macall
Sonya Shafqat Mahmood
Michelle Managan
Haydon Mar
Melissa Mariman

Cody Mast
Larry Mast
Nomita Mehta
Eddie Melendez
James Miller
Nathan Mork
Stephanie Murai
Dan Murphy
Pantea Naghibi
Alejandro Narvaez
Jason Naud
Thoa Nguyen
Sherry Edwards
Tin Nguyen
Joe Nieto
Gordon Nolan
Donna Oberg
Gregory Olson
Rama Oskouian
Grant Overby
Russell Paravecchio
Jeffrey Parrish
James Pawlecki
Dustin Payne
Ralph Peterson
Paul David Phillips
Katrine Pineda
Rob Pollard
Ellen Polsky
Gregory Psaltis
James Pulliam
Dewitt Randall
Monty Rieger
Catherine Rimorin
Christopher Robertson
Scott Rowley
Dale Ruemping
Eve Rutherford
Karen Sakuma
Heidi Sarff
Barbara Sheller
David Silver
Dennis Sipher
Randall B. Smith
Shane B. Smith
Sharon Stansbury
Joe Stout
Robert Taylor
Brent Tran
Kayla Trang
Huey-Wen (Vivian) Tso
Alice Tung
Kara Uegawachi
Rich Ullsmith
Craig Uren
Nader Vakili
James Vento
Amandeep Virk
Rusty Walker
Victoria Wang-Miller
Susan Watkins
Jon Way
Austin Wessling
Julius Willette
Bryan Williams
Dali Wu

Periodontics

Peter Agnos
Ken Akimoto
William Becker
Jeanne Bertino
Lakshmi Boyapati
Bobby Butler
Marta Card
Michael Cohen
Diana Cristea
William H. Dahlberg

Diane Daubert
L. David Engel
Thomas Faber
Daniel Friedman
Pablo Gonzalez Balzar
Robin Gossage
Jim Janakievski
Jeffrey Kanter
Walter Keogel
Linda Konishi
Kenneth Lee
Michelle Lee
Vikram Likhari
Er-Jia Mao
Toyohiko Matsumoto
Donna Oberg
Gregory Olson
Byron Mizuha
Jo Moore
Martin Rabin
Luciana Safiotti
Ralf Schuler
Gail Scheible
Herbert Selipsky
Dennis Smith
Erika Smith-MacDonald
Jessica Swoboda
Cheryl Townsend

Restorative Dentistry

Jeff Abolofia
Arash Aflatooni
Steven Albright
Robert D. Allen
H. Sam Anderson
Philip D. Anderson
Arlan Andrews
Scott Andrews
Jack R. Ashlock
Sang H. Bae
Negin Bardideh-Badr
Ernest Barrett
Richard Bass
Gary Berner
Bill N. Bethards
Richard Bienenfeld
Galina Borodyansky
Ruth Bourke
Jesse Boyett

James Brudvik
Tim Bond
Raymond Scott Cahoon
Roy Carlson
Teresa Castner
Jeff Ceyhan
Yada Chaiyabutur
Ya-Pei H. Chang
Aleta Cheek
Yen-Wei Chen
David Chen
Kinsey Chitswe
Will Chung
Brian Crawford
Michael H. Crowley
Ronald Dahl
John Davis
Nolan Davis
James M. Deckman
Colin Del Rosario
Ajay Dhankhar
Art DiMarco
Bryan Edgar
Linda Edgar
Marcus Fairbanks
Charles Farrell
Carol Friedel
Jose Ingacio Gamborena
Werner Geurtsen
Joseph Grillo
Robert D. Gross
Rockwell Hammond
Roger Harper
Fred Hasegawa
Harald Heindl
Michael Higashi
Clarence Holden
Mitch Hungate
George Hussey
Louis Isquith
Brenda Ivans
Christine Johnson
Dennis Johnson
James E. Johnson
Richard H. Johnson
Warren Johnson
Sloan Jorgensen
Peter Joss
Karen Kant
Dennis Kelly

James Kemper
Phillippe Khayat
William Kirschner
Akiko Kitada
Alan Kitchel
Mikail Kitsis
Edward Kleffner
John Kois
Thomas Kovaleski
Larry Kuhl
Susan LaBounty
Seungbum Lee
Christopher Lewis
Warren Libman
Richard Lowe
Phillip Madden
Randall Maebo
Steven Marinkovich
Glenn Paul Martin
Jeanine McDonald
Michael McDonald
James McHugh
Kenneth McLean
Polly Michaels
A. Glenn Miller
Thomas Mitchell
Ricardo Mitrani
Dennis Miya
D. Kent Moberly
Alan Munk
Jerome Murphy
Reza Nabaie
Bryon Nakagawa
Richard Nash
Jeffrey Nemitz
Scott Neuhaus
James Newman, Jr.
James Nguyen
Dennis Nordlund
Gideon Nussbaum
Daniel O'Neill
Dawn Onesty
Dana Otterholt
Rosario Palacios
Cynthia Pauley
Alfonso Pineyro
Thomas Quickstad
Melissa Rehling
Robin E. Reinke
Rod Robinson

Barrett Rochefort
Richard J. Rotter
Saman Saghafi
Bruce Sako
Gordon Sako
Juan Carlos Salazar
Jed Santiago
Kimberly Santiago
Curtis Sapp
Rhonda Savage
Kyle K. Schmidt
A. Hossein Shahrashi
Robert Shaw
Sarah Shoffstall
Alexander Shor
Harris Silverstein
James Sledge
Ward Smalley
Dennis Smith
Tuanh Smith
Frank M. Spear
Dorothy Stewart
Jennifer Strollaw
James Stoddard
Kris Swanson
Attila Talaber
Nancy J. Teel
Wendy M. Terry
Alvin Thien
Brent Tingey
Marc Tollefson
Melvyn Trenor
Richard D. Tucker
Robert Uhlmansick
Sue Vetter
Nelson Vitous
Richard Voget
Chandur Wadhvani
Marc Wallace
Robert Ward
Thomas Ware
Fred Wemer
V. Bruce Wilcox
Gayne Williams
Robert Winter
Wallace Wong
John Yae
Eric S. Yao
Carrie K. York
Ralph Yuodelis



Dr. Randy Maebo ('89), left, chats in the D-3 clinic with Dr. Bill Kirschner ('69), who was his Restorative teacher at the School.



EDITOR'S NOTE: *The School of Dentistry is a national and global leader in oral health research. With this issue, we introduce a new feature, Research Update – a sampling of abstracts describing our researchers' current studies. For details on any study, contact Dr. Tim DeRouen, Executive Associate Dean for Research and Academic Affairs, at derouen@u.washington.edu, or Mary Beth Cunningham at mec@u.washington.edu, or the principal investigator.*

While the public continues to debate the merits of federal stimulus funding, there is little question that the American Recovery and Reinvestment Act of 2009 provided a big boost to the research community.

At our School of Dentistry, Dr. Mark Drangsholt of Oral Medicine and Dr. Sue Coldwell of Dental Public Health Sciences won a \$225,000 supplement to an existing grant, allowing them to pursue further study of “burning mouth” syndrome.



Dr. Mark Drangsholt

The syndrome's symptoms include a moderate to severe burning sensation that usually appears near the tip of the tongue's dorsal side, but can spread to

the palate and elsewhere in the oral cavity, according to Dr. Drangsholt, who is principal investigator for the study. The symptoms can significantly impair speaking and eating, and for one of every three patients, seriously hamper all daily activities.

The syndrome has been around since Freud's day, Dr. Drangsholt says, and in the past was largely considered to be psychosomatic, often manifesting itself in postmenopausal women.

Drs. Drangsholt and Coldwell are testing metrics to gauge responses along two different sensory nerves – the fifth or trigeminal nerve, which relates to touch, temperature and pain; and the seventh, which relates to taste. They are using standardized tests to assess nerve function to see whether both nerves are damaged in patients with the syndrome, and hope their findings can help refine diagnostic techniques.

“For me, the big picture is an attempt to put this disorder on a firmer physiological footing, so we can show that these patients have bona fide nerve deficits,” Dr. Drangsholt says.

The next step in the study may be to investigate a group of syndrome patients who have tooth pain, some of whom also complain of impaired taste function, he says.

Other current studies (some abstracts have been condensed):

The Developmental Role of the Neural Crest in the Midfacial Phenotype of Apert Syndrome

Principal investigator: Dr. Joel Berg
joelberg@u.washington.edu

The long-term goal is to identify the molecular developmental pathogenesis of midfacial hypoplasia in Apert syndrome. This mutation confers an FGF liquid-dependent gain of function which results in a hyperactive state of the mutant receptor. Fgfr2 activation may influence Efnb1 signaling, affecting neural crest migration and interaction with paraxial mesoderm. The project will determine whether paraxial mesoderm contributes to the undifferentiated mesenchyme separating the osteogenic fronts of the facial sutures. Using a mouse model of Apert syndrome, we will then investigate whether facial suture fusion and a widened intermaxillary suture are due to a down-regulation of Efnb1 signaling affecting neural crest cell migration, mediated by an Fgfr2S252W mutation.

Optical Coherence Tomography for Non-Invasive Diagnosis of Periodontal Inflammatory Disorders

PI: Dr. Sandra Bordin
bordin@u.washington.edu

Overall objective: To explore the future potential of optical coherence tomography (OCT) for the in situ imaging and screening of oral changes in patients with inflammatory disorders.

The application of bioengineering technologies has the powerful potential of gaining control over inflammation resolution via precise and predictable patterning of the composition, three-dimensional architecture and dynamics of the tissue microenvironment without the need for biopsy removal and processing. Hypothesis: High-resolution structural and functional OCT imaging will reveal the presence of inflammatory conditions in oral sites before current clinical practices could detect the destructive processes. To explore this hypothesis, both in vivo (pre-surgery) and ex vivo (right after surgical removal of the tissue) studies will be performed. Corresponding histological analysis and immunochemical localization of inflammatory molecules will test advantages and limitations of the OCT findings.

A Study to Compare Fatigue Life of Implant Abutments

PI: Dr. Kwok-hung Chung
akchung@u.washington.edu

Purpose: To determine the fatigue life of various implant abutments for implant-supported restorations. The aims are: 1. Different CAD-CAM designed abutments including one-piece titanium, zirconium, and hybrid-type abutments will be fabricated and tested, and 2. The static failure load and dynamic fatigue life of different abutments will be determined in order to maximize the strength and longevity of implant-supported restorations.

Regulation of B-defensin Expression in Oral Epithelia

PI: Dr. Whasun Chung
sochung@u.washington.edu

Antimicrobial peptides of the human beta-defensin (hBDs) family are an important part of the innate immune response of epithelia throughout the body. These peptides may be particularly important in the oral cavity, where microbial flora are present in high numbers at all times. The overall working hypothesis for this project is that b-defensins, and other antimicrobial peptides, aid oral health in two ways: first, by their direct antimicrobial activity, and second, by their cytokine-like functions to stimulate other cells within the tissue to respond to the microbial challenge. The goal of this project is to understand the role of b-defensins in a complex biological framework. An oral soft tissue model and a tooth pulp model will be used to investigate the expression of b-defensins and to explore their role as functional mediators of cell interactions in innate immunity in response to exposure to oral commensal and pathogenic bacteria. The specific hypotheses are (1) that innate immune mechanisms which function within the oral soft tissue are also reflected in the tooth pulp; (2) that b-defensins are expressed in odontoblasts, the epithelial-like cells that serve as the barrier within pulp; (3) that b-defensins mediate communication between epithelial cells (or odontoblasts) and dendritic cells, the primary cells that bridge innate and adaptive immunity; and (4) that b-defensins expressed in oral epithelium vs. tooth pulp are different and reflect regional differences in function and interaction between epithelial cells (or odontoblasts) and their respective populations of dendritic cells.

Antimicrobial Efficacy of Two Irrigation Techniques in Tapered vs. Non-Tapered Canal Preparation: An In Vivo Clinical Study

PI: Dr. Nestor Cohenca
cohenca@u.washington.edu

The foundation of successful endodontic therapy is the removal of all the pulp tissue, dentinal debris, bacteria and their endotoxins from the root canal. Toxic metabolites and by-products released from microorganisms present within the root canal system diffuse into the perioapical tissues and elicit inflammatory responses accompanied with bone resorption. Cleaning the root canal system entails mechanical and chemical removal of these canal contents. Irrigation acts as a flush to remove organic and inorganic debris as well as a bactericidal agent, tissue solvent and lubricant. However, the efficacy of apical irrigation is directly related to the depth of insertion of the needle. Clinically, the efficacy of irrigation will therefore depend on the gauge of the needle and the taper size of the root canal preparation. Traditionally the tip of the needle is placed 2-3 mm short of the apical end of the canal and the irrigant is saliently expressed for effective cleaning of the entire length of the canal. Recently, researchers showed that there are significant differences in the cleaning effect of the root canal system using the new Endo-Vac intracanal aspiration technique in comparison to conventional application of the irrigant. In addition, it has been shown that the ratio of apical extrusion of the irrigant was diminished by the use of this irrigation technique and the Endo-Vac system in combination with tapered as well as non-tapered root canal preparation techniques.

P. Gingivalis LPS Modulation of Innate Host Defense

PI: Dr. Richard Darveau
rdarveau@u.washington.edu

We have continued to characterize the phenotype of our novel mutant in the Pg1626 genes which is involved in the deacylation of lipid A under conditions of growth in excess hemin. We have now discovered that a mutation in this gene renders *P. gingivalis* more susceptible to cell death in the stationary phase of growth, revealing a previously unknown relationship between hemin concentration, lipid A structure and cell viability. Further work will determine how these characteristics are related. In addition, an international patent application has been submitted for the *P. gingivalis* deacylase gene. Last year, a provisional patent was submitted; this year, the patent was submitted by the UW technology transfer office.

Multi-Center Phase 3 Trial of Minocycline for Use in Peri-Implantitis

PI: Dr. Thomas Flemmig
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The objective of this study is to evaluate the safety and efficacy of a locally delivered antibiotic, minocycline HCl microspheres, for the treatment of peri-implantitis, when used as an adjunct to mechanical debridement. Efficacy will be determined using manual measurements of reduction of probing depth (PD) at Day 180 as the primary criterion. Secondary criteria for efficacy will be the gain in clinical attachment level (CAL), reduction in bleeding on probing (COP), changes in bone level and reduction in inflammatory biomarkers [specifically, carboxyl-terminal telopeptide of Type I collagen (ICTP) and interleukin-1? (IL-1?)] ICTP and IL-1?.

Bone Growth, Periosteal Migration and Muscle Function

PI: Dr. Susan Herring
herring@u.washington.edu

This proposal focuses on two ways in which soft tissue mechanics may direct the growth of skull bones, using the pig as a model. First, the osteogenic activity of the periosteum is linked to its blood supply, which originates from soft tissues. We hypothesize that the deformation of these tissues during function can modify periosteal perfusion. In Aim 1, new methodology will be employed to map the three-dimensional deformation of muscles and ligaments during chewing. Aim 2 addresses the periosteal vascular system directly with both immunocytochemical assays and measures of blood flow. These studies assess linkage between soft tissue behavior and nasal septum. Forces generated by septal growth may separate the sutures between facial bones, causing compensatory growth. In Aim 3, the mechanical loading pattern of the septum and the timing of its growth are studied in relation to the facial sutures. Aim 4 will test whether the septum can control growth by comparing the stiffness of the cartilaginous septum to the resistance of the facial sutures. Taken together, these studies will develop new techniques for monitoring soft tissue function, provide fundamental new information about the mechanical behavior of the head, and test hypotheses about how soft tissues influence skull growth.

Salivary Biomarkers for Graft vs. Host Disease

PI: Dr. Kenneth Izutsu
kizutsu@u.washington.edu

The goal of this work is to develop salivary biomarkers for chronic Graft vs. Host Disease (GVHD). This will be done using an iTRAQ marker-based, quantitative mass spectrometry (MS) approach to detect GVHD-associated protein expression changes in resting whole saliva samples from hematopoietic cell transplant (HCT) recipients. Saliva is proposed for this study not because it is convenient to obtain, but because salivary glands are a lymphocyte homing target in the mucosal immune response, which we postulate underlies activation of GVHD. Consequently, salivary protein composition changes should occur early in the disease and should correlate with disease intensity. The etiology of GVHD predicts increases in salivary inflammatory cytokine and related cell signaling protein content. Our study will consist of two phases: the discovery and validation phases. In discovery: a MS iTRAQ study will quantitate salivary protein content changes associated with GVHD, and generate potential biomarkers for GVHD. This analysis will compare changes in patients who have or had AML and received nonmyeloablative, hematopoietic cell transplants and subsequently developed acute and/or chronic GVHD. In validation: antibody-based protein assays and Western blots will be used to confirm the MS findings and to generate the panel of GVHD marker proteins. The present state-of-art MS proteomics approach should yield useful GVHD markers proteins. Such biomarkers would allow more timely detection of GVHD and earlier treatment, and consequently less patient morbidity and mortality.

■ CLASS OF 1950

Dr. Donald Raleigh, Edmonds, Wash.: A member of the first graduating class at the School of Dentistry, Don Raleigh was featured on the local section cover of the Seattle Times on Dec. 7, the 68th anniversary of the attack on Pearl Harbor that launched the United States into World War II. Dr. Raleigh, who saw the action firsthand as an officer of the watch on the battleship USS Maryland during the attack, continued serving throughout the Pacific campaign. He rose to become a U.S. Navy lieutenant commander before turning to a career in dentistry in Seattle after the war. Now retired and living in Edmonds, he is the Class of 1950 representative on the UW Dental Alumni Association board.

—Editor

■ CLASS OF 1957

Robert P. Lewis, Jr., Mercer Island, Wash.: I am retired but still volunteer with Medical Teams International on the mobile dental van.

■ CLASS OF 1959

Desmond G. Neff, Edmonds, Wash.: I am still enjoying retirement after 11 years. Our class had a 50-year retirement party in September 2009. It was special to see so many of our classmates.

■ CLASS OF 1962, 1965 PERIO

Paul J. Heins, Redmond, Wash.: Do you all remember Ruth Herr? We all knew her as “Ruthie” and we were her “boys.” The Perio Grad Clinic’s atmosphere was made much more pleasant by Ruthie’s legendary smile and cheerfulness, her readiness to help, and her always-present words of encouragement. She will always have a special place in the hearts of those of us who were lucky to have known her. (See In Memoriam, Page 46.)

■ CLASS OF 1963

Wallace C. Volz Jr., Belfair, Wash.: When I graduated from the UW dental school, a wise old practitioner advised me to “get connected” to my community and “stay connected.” Here is what has happened to me in the past two years. I sold my practice of 44 years in 2007 and had the opportunity to continue to treat patients as long as I wanted to. Then the recession came and the numbers dropped, and I elected to move on to other stuff. At that time I was active in a citizens committee in Belfair, where Pam and I live. This committee was formed because the one health clinic in Belfair was closing its door. The existing clinic had been administered by Shelton General Hospital (27 miles away). Our committee explored ideas on how to bring a clinic to Belfair. Within 18 months and after a referendum, we formed our own Public Hospital District. Five District Commissioners were elected by vote and a contract was negotiated with Harrison Medical Center of Bremerton to provide health care to our district. Harrison built a 17,000-square-foot

facility in downtown Belfair. It opened up on April 17, 2008, providing urgent care 12 hours a day, seven days a week. The Commissioners hired me to be the administrator of the District. As Superintendent, I work with the Commissioners to receive real and personal tax revenue through the levy process to pay Harrison to provide health care for the people in our District. This process has really been a challenge to follow all the rules and regulations imposed on Public Hospital Districts. My learning curve is vertical and very exciting.

In Dentistry, I have been involved in providing dental care to the indigent, unemployed and homeless. Through a new volunteer group named AADAP (Acute Adult Dental Access Program) we join together to provide dental care for the needy. The groups who are part of this operation and vital to its success are: Kitsap County Oral Health Coalition, Kitsap Public Health, South Kitsap Dental Net, Kitsap Veterans Association, Kitsap County Resources Medical Teams International, and Kitsap County Dental Society. We provide nominal-fee (\$25 co-pay) dental clinics every six weeks. The clinics are held in six large private dental clinics in Poulsbo, Silverdale, Central Kitsap, Bremerton and Port Orchard. These offices are donated to us free of any charge for their use and all supplies used. Four or five dentists, two or three dental hygienists and numerous dental assistants volunteer their talents and time on a Saturday. We treat 15 to 20 patients and provide \$13,000 to \$15,000 of dental care on these Saturdays. The veteran patients come from our participation in Veterans Stand Down projects held twice a year. This activity gives veterans with hard times a chance to come and receive clothing, personal hygiene products, food, general health screenings, eye exams, haircuts, free dental exams, X-rays and treatment planning. Here’s where we bring the Medical Teams International van with our volunteers. We screen about 20 to 50 vets on that day, giving us seed patients for the clinics. I feel very positive with both these projects because I can see the benefits immediately. So is this “retirement with a flair” or “staying connected”?



Dr. Wallace Volz Jr. at the new Belfair health clinic.

■ CLASS OF 1964

Don Davidson, Bellevue, Wash. (via note from Jim McGraw): Former Distinguished Alumnus Don Davidson was elected Mayor of Bellevue by the City Council in January, his second term in that office after serving during the mid-1990s.

■ CLASS OF 1966 ORTHO

David L. Turpin, Federal Way, Wash.: I am now retired from active practice.

■ CLASS OF 1969

John A. Samuelson, Anchorage, Alaska: I am still alive!!!

■ CLASS OF 1970

James E. Fitzgerald, Olympia, Wash.: Two years ago, Betty let me into her art studio to paint. I am pleased with the new form of expression. It has enhanced my usual farming, hiking, skiing, fishing, and other experiences. I continue to try new activities.

■ CLASS OF 1973

Burl B. Buskirk Jr., Fox Island, Wash.: I sold my practice in 2007 and returned to school to receive a master's in addiction counseling. I have recently opened my own outpatient agency in Gig Harbor called Peninsula Counseling. It is exciting and challenging work, and the stories are much better than my dental stories. You can't make this stuff up.

Glyn Anthony Fleury, Sedro Woolley, Wash.: Linda and I have been married 40 years and have 11 grandkids. I still have a full head of hair and plan to go sailing again, hopefully to Australia this time.

Douglas H. Reams, Lucerne, Calif. (via note from Fred Wemer): Doug spent five years in the Air Force, ending up in San Francisco. After being in a big city and growing up in the Aberdeen area of Washington, he wanted a rural practice. Doug bought a practice that had been open for only 18 months, located on the eastern shore of Clear Lake, California's largest totally contained lake. Thirty-plus years later, he still has the original receptionists. He is the only dentist in Lucerne. Doug spent almost half his career as a single parent raising four children, three boys and a girl. They



Dr. Reams' office in Clear Lake, Calif.

are now all out of the nest and successful. He is quite proud of them. However, none have followed in his professional footsteps. Doug lives only a short walking distance to his office on the lake. Doug is still in good shape and regularly runs 10 miles per day. He has given up the high-risk sports of skydiving and whitewater rafting, but has continued to snow ski. He is still enjoying his practice and is not planning to retire soon.



Michael Scheel, Vancouver, Wash.: I sold my practice a year ago (Evergreen Dental Center) but continue to work part time for the purchasing dentist. I am staying busy with family activities (especially grandkids), dental volunteering, study club and travel.



Fred Wemer, Seattle: I have been retired for the last six years but still continue to volunteer in the Dental Materials class at the UW. I took the Master Gardener class when I retired, and I volunteer as a King County

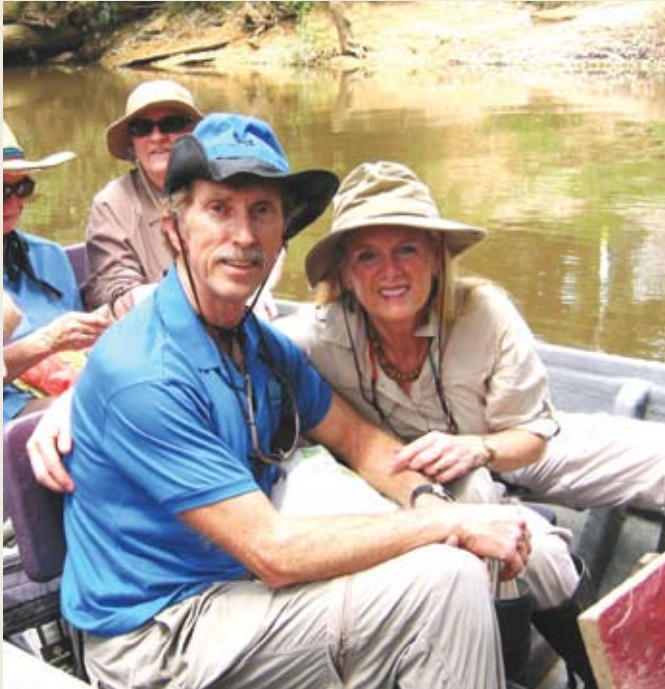
Master Gardener at a Bellevue demo garden. Last December I became severely frostbitten leading a snowmobile ride and eventually lost the tips of three fingers. I am still recovering and learning how to detect what I am feeling. However, it has not slowed down my ability to garden or travel. Last spring we went to Tahiti on a UW-sponsored tour, and this past fall we went on a very enlightening tour to Iran. We learned a lot about the history, geography and politics of the area. Most cities were very modern as any here. New construction is brick and steel but may be next to a centuries-old building of mud and straw built over 2,000 years ago. I visited two dental offices that looked as up-to-date and modern as any in Seattle. The people were very outgoing and friendly to us in almost every place we went. They don't like our previous government but frequently thanked us for visiting.

■ CLASS OF 1975

John A. Johnson, Sammamish, Wash.: Recently, my wife Barbara and I traveled to the Amazon Jungle Basin in Ecuador with Healthcare Ministries, a global outreach



organization. We ministered to the medical and spiritual needs of four different Indian tribes, some that can only be reached by boat. We teamed up with other medical professionals from the United States and local missionaries in Ecuador, which helped



coordinate the trip into the jungle.

The trip was incredible to say the least, with many signs, wonders and miracles occurring. The indigenous Indian tribes were most appreciative of the medical and dental help. If you would like to read more about our trip and/or have an interest in a one- to two-week trip to a foreign country, please contact us at drjnbarb@comcast.net.

Paul A. Madsen, Kent, Wash.: I am presently the Medical Director and owner of the Madsen Medical Spas of Seattle and the Tri-Cities. I am also board-certified as a Master Fellow in Esthetics and Age Regeneration and Management by the American Board of Geriatric Medicine and the American College of Specialists in Geriatrics. My excellent dental education and training from the UW School of Dentistry is extremely useful every day in my specialty medical practice, because I give great dental blocks before doing non-surgical face lifts with all the new dermal facial materials that have recently become available. My patients really appreciate the great esthetic painless results we can provide them as well as a much better and larger quality of life and health.

James L. Ribary, Gig Harbor, Wash.: This has been a busy year as Washington State Dental Association President. I retired from my dental practice in November after 32 years. I will have additional time to spend with my two grandchildren.

■ CLASS OF 1976

Richard W. Nash, Burlington, Wash.: My daughter Laura has returned to school, taking pre-dental courses at Western Washington University. She has applied to dental school hoping to enter in the fall of 2010. My wife Ann is attending the University of Montana, taking creative writing classes. She is attending the fall/spring semesters 2009-2010.



■ CLASS OF 1977

Charles Brown, Bremerton, Wash.: I have a successful pediatric practice in Poulsbo with a great staff. I also work one day a week at Harrison Hospital in Bremerton.

Kenneth Earl Patterson, Twin Falls, Idaho: I am still in Twin Falls enjoying practice after 32 years. Gaye and I did a dental service project in Peru. There was no running water, electricity, paved roads, etc., just wonderful, happy, thankful people. The experience changed our lives.

■ CLASS OF 1978



Michael Rivera, Whistler, B.C.: With the Olympics descending upon us here in Whistler, things were looking very festive especially with all the record snow we received in the month of November. It's easy to

become addicted to skiing when one lives at a ski resort. We had our parent/kid ski race last season; I used to give Liam, our 7-year-old, a head start with the race. Well, no more head starts. This time he beat me! I'm still practicing dentistry part time and enjoying a practice limited to oral surgery and implant dentistry in Whistler and Vancouver. Where did the years fly? To all the skiers that travel to Whistler, look me up for a few runs. My e-mail: Whistler2804@telus.net

Gary E. Heyamoto, Woodinville, Wash.: I am now in my second year as Academy of General Dentistry Trustee for Region XI. I encourage all dentists to become AGD members and support the fight to preserve our scope of practice. As a statistician, I reached the pinnacle by calling the defensive stats for the Rose Bowl and BCS Championship Game in Pasadena. Like dentistry, sports are a whole world in and of itself. Truly an experience to treasure.

Phillips B. Trautman, Camano Island, Wash.: In 2009 I have had an employment change from Mount Vernon Sea Mar Community Health Center to Bellingham Willamette Dental. I am still living on Camano Island overlooking Skagit Bay.



■ CLASS OF 1983

Kenn Stinchfield, Portland, Ore.: I retired from the U.S. Navy in February 2003 and immediately began working for Willamette Dental Group in Portland. I was promoted to Managing Oral Surgeon for the Group in September 2008. Barbara and I live in Salmon Creek near Vancouver, Wash. We have one son in private practice in Washougal, Wash., with his brother joining him in July 2011 after a tour in the U.S. Navy. We enjoy kayaking, traveling, water skiing and alpine skiing. We spent our last 12 years in the Navy in San Diego, where I completed a one-year residency in Exodontia with a follow-on four-year residency in Oral and Maxillofacial Surgery. We plan to stay in Vancouver after retirement to be close to family and grandchildren. Go Huskies!

■ CLASS OF 1984

Kerry S. Ishihara, Wahiawa, Hawaii: The Class of 1984 reunion dinner took place at Willows Restaurant in conjunction with the ADA Annual Session in Hawaii (25th class reunion celebration). A good time was had by all who attended, and we now look forward to our 30th.

Thomas R. Quickstad, Bellevue, Wash.: Thank you to Kerry Ishihara for putting on the 25th reunion dinner and golf outing in Hawaii. He was a great host!

■ CLASS OF 1988

Christopher Pickel, Seattle: I have been enjoying practice in the Northgate area for over 20 years. My partner, Leah Worstman, is a '94 UWSOD grad. We practice together in the new Meridian Medical Pavilion. I have the honor of serving organized dentistry as the current President of the Seattle King County Dental Society. As such, I get to talk to the students about life after school. I also get to visit with the Dean on matters other than skit night (remember the days?). If you have the opportunity, get involved in mentoring a student or serving on a committee for your local dental society. It's a rewarding experience. I am watching my 8-year-old daughter and 5-year-old son grow up too fast. My wife and I are keeping them busy with ski school at Mission Ridge and water sports on the Columbia River during the spring

and summer. The Class of '88 is known for traveling under the radar. Someone, other than Doreen Roseto, our illustrious lifetime secretary, needs to step up and organize a get-together. A 23rd-year reunion? Hope to see you guys soon!

David Hanson, Vancouver, Wash.: I moved into my new office in April 2005, at which time we went with digital radiographs and electronic charting. It has been a great move. I am staying active in a couple of study clubs and enjoying dentistry. In off time I enjoy some skiing and hiking as well as spending time on the Oregon coast.

■ CLASS OF 1990

Robin E. Reinke, Tacoma, Wash.: I will be traveling to South Africa in July to help with research on African penguins. This will be my final continent to see and my tenth penguin species.

■ CLASS OF 1991

Elizabeth Bell, Bainbridge Island, Wash.: Hello, classmates! I have been busy on Bainbridge Island being a mom of

reunions

■ 25TH REUNION CLASS OF 1984

The class celebrated in conjunction with the ADA Annual Session in Hawaii. A reunion dinner was held at Willows Restaurant. A total of 19 people attended including spouses. Tom Quickstad and his wife were also in Hawaii, but Tom got sick and did not make it to the dinner. All who were able to attend had a great time. Some of the class also played golf while in Hawaii. If anyone in the Class of 1984 comes to Oahu, get in contact with me. Life is short, time flies by. We need to keep in touch as much as we are able. —Kerry Ishihara '84



Back row (from left): Roger Nakanishi, Pat Ward, Chad Martin, Dennis Brender and Dick Hagemier. Front row: Cliff Park, Kerry Ishihara, Dent Kusakabe, Betsy (Serb, Tankersly) LeFebvre and Dayton Lum

■ CLASS OF 1980

The Class of 1980 30th reunion is coming up on Friday, June 18, 2010. Contact person is Ty Galvin, who can be reached at 425-255-1661 or by e-mail at tygalvinds@aol.com.

my two children and running my practice with Dr. Nick Thompson. I fill my spare time with skiing, working out, golf and spin classes. I have also enjoyed taking Kois Center courses. I feel very blessed and busy, but life is good. I can't believe it's been 19 years.



■ CLASS OF 1996, PEDO 1999

Michael R. Becker, Bremerton, Wash.: I married a UW Perio grad, Yasia Sanai, in 1998. We have two children, ages 5 and 6, who keep us very busy. We recently survived the building of our new house. I'm continuing to practice pediatric dentistry in Bremerton and Port Orchard with my partners.

■ CLASS OF 1999

Jim Taylor, Iraq: I have been selected for an Oral and Maxillofacial Surgery residency at Madigan Army Medical Center, Fort Lewis, Wash. This four-year residency will begin in 2011. Now a Major in the Army Dental Corps, I sold my Kennewick, Wash., private practice last year and am currently serving at Victory Base Complex in Iraq.



■ CLASS OF 2001

Jason R. Bourne, Marysville, Wash.: I am still loving my orthodontic practice in Marysville and Lake Stevens. Danica and I have three kids now, so we are busy! I'd love to hear from classmates and get updates!



■ CLASS OF 2006

Greg Gillespie, Vancouver, Wash.: For the last four years, I have been practicing in my hometown of Vancouver with my brother, Brad. I stay happy by referring out all endo procedures and doing lots of surgery. I am associated with Catapult, a group of clinicians who test new products and lecture nationally. Since school, my family has continued to grow; Lewis is now 5, Charlotte 3, and Evan 9 months.

Benjamin D. Ruder, Olympia, Wash.: Bug and I have happily settled into Olympia. We welcomed to our family our son, Theodore Gibson Ruder, born Sept. 1, 2009. Parenthood has been quite exhilarating, joyous, and remarkably entertaining. After a 1½-year associateship, I have joined Drs. Greg Psaltis and Scott Rowley as a partner at the pediatric dental practice Small to Tall Pediatric Dentistry, located in Olympia. It is a pleasure to work with such commendable colleagues in a very enriching and enjoyable field of dentistry. All the best to all the '06ers and other UWSOD friends.

■ CLASS OF 2008

Chad Wade, Longview, Wash.: I am currently practicing in Longview at Cowlitz County Family Health Center. I love living in the Northwest and getting an opportunity to give back to the underserved in the community. I plan to work here over the next two years and then look to open a practice somewhere in Vancouver, Wash., or the surrounding areas. One year ago, my wife and I welcomed our first son, who is our absolute pride and joy! In my spare time, I love participating in the outdoor activities the Northwest has to offer — snowboarding, hiking, and cycling are some of my favorites.

in memoriam

■ RUTH HERR, LONGTIME SCHOOL OF DENTISTRY STAFF MEMBER

Ruth Herr, who spent 22 years as a dental assistant in our Graduate Periodontics clinic at the School of Dentistry, died on Oct. 10th from bone cancer at the age of 91. Ms. Herr, a native Seattleite, retired in 1989. After retiring, she continued to work part time for Continuing Dental Education and Pediatric Dentistry. Ms. Herr, who grew up in Seattle's Queen Anne neighborhood and graduated from Queen Anne High School, earned her dental assistant certification degree from Seattle Community College. An active walker and ice skater, she had a regular workout routine even at age 90. She was also an avid reader, art enthusiast and cook, and was a regular presence at Graduate Periodontics graduation parties, where she enjoyed renewing her many old friendships.

FRIDAY, MARCH 26

Ernest Jones Memorial Lectureship: Helping Your Patients Achieve Health: The Basis of a Successful Practice, Ralph Bruksos, Sales and Management Consultant; Mary Osborne, RDH and Mike Johnson, DDS, MS – 6 credits

WEDNESDAY, APRIL 7

Enhancing the Esthetic and Longevity of Ceramic Bonded Restorations in Light of Current Scientific Information and Clinical Observation, Nasser Barghi, DDS, MA – 7 Credits

THURSDAY, APRIL 8

Clinical Considerations of Ceramic Veneers Using Current Scientific Information, Advances Materials and Technology (A Hands-On Course), Nasser Barghi, DDS, MA – 7 Credits **This course is expected to sell out. Please register early!*

FRIDAY, APRIL 9

Soft Tissue and Bone Diseases of the Mouth: Emphasis on Standard of Care, Dolphine Oda, BDS, MS – 7 Credits (Olympia)

FRIDAY, APRIL 23

Drugs, Bugs and Dental Products: What to Prescribe! Peter Jacobsen, DDS, PhD – 7 Credits (Everett)

SATURDAY, JUNE 26

Hands-On Oral Surgery Workshop for the General Dentist, Karl Koerner, DDS, MS – 7 Credits

For more detailed course information or to register online, visit our website at www.wcde.com or contact the School of Dentistry CDE office toll-free at 1-866-791-1278, or at 206-543-5449, or e-mail cde@dental.washington.edu

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THE SEVENTH WASHINGTON DENTAL SERVICE FOUNDATION Distinguished Professorship In Dentistry Symposium

SATURDAY, MAY 22, 2010

Developments in Oral Implant Reconstruction

Distinguished Professor: Philip Worthington, MD, DDS, BSc, FDSRCS

This symposium is designed for all clinicians who work with implants — both specialists and general dentists.

This program was established in 1985 by a generous contribution from the Washington Dental Service Foundation that is matched by the Washington State Legislature. The primary responsibility of the professorship is to plan and conduct a triennial international symposium on state-of-the art issues facing dentistry.

This course is designed to bring all general dental practitioners and specialists together to inform them of the most up-to-date information regarding oral implant reconstruction. International experts in periodontology, implantology, radiology, prosthodontics, biomaterials and oral and maxillofacial surgery will present on the most current information.

Presentation Titles and Speakers:

■ **Immediate vs. Delayed Socket Placement: What We Know, What We Think We Know and What We Don't Know**, Dennis P. Tarnow, DDS

■ **Implant Solutions for Compromised Clinical Conditions**, Kenji W. Higuchi, DDS, MS, FACD, FICD

■ **Imaging Rationale and Methods for the Routine to Advanced Implant Cases**, David C. Hatcher, DDS, MSc, MRCD(c)

■ **The Present Status of rhBMP-2 Therapy for Oral Reconstruction in Implant Dentistry**, Peter K. Moy, DMD

■ **Experimental and Clinical Viewpoints of Oral Implant Surfaces**, Tomas Albrektsson, MD, PhD, ODhc

■ **Prosthodontics at a Crossroads**, George Zarb, BChD, DDS, MS, MS, FRCD(C)

■ CREDITS: 8

■ LOCATION

Seattle Sheraton, Grand Ballroom C and D
1400 Sixth Avenue, Seattle, WA 98101

■ PRICES

Regular Registration
\$150/ Dentist \$100/ Staff

Late Registration (after May 19th)
\$160/ Dentist \$110/ Staff
**Prices include lunch*

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alumni calendar of events

■ **SATURDAY, MAY 1, 2010**

26th Annual Dean's Club Dinner
McCaw Hall Seattle Center
6 p.m.-9:30 p.m.

■ **SATURDAY, MAY 15, 2010**

Bite Open Golf Tournament
(Sponsored by Class of 2010)
Washington National Golf Course
Tee Time: 8 a.m.

■ **SATURDAY, JUNE 5, 2010**

UW School Of Dentistry Graduation
UW Meany Hall
2 p.m.-3:30 p.m.

■ **THURSDAY-FRIDAY, JUNE 17-18, 2010**

Pacific Northwest Dental Conference
Washington State Convention Center
7:30 a.m.-5 p.m.

■ **FRIDAY, SEPT. 17, 2010**

UW Dental Alumni Golf Tournament
Washington National Golf Course
Auburn, Wash.
Tee time: 7:30 a.m.
Four-person scramble format, shotgun start
Barbecue and awards to follow
\$145 per person; \$125 per person (classes of the 2000s)
All are welcome to participate!

■ **SATURDAY, NOV. 13, 2010**

UW Dental Alumni Football Brunch & Game
UW Huskies vs. UCLA Bruins
Brunch at 10 a.m., game at 12:30 p.m.
Brunch includes entertainment and raffle prizes
Game and brunch, \$73 per person; brunch only, \$25 per person
Center for Urban Horticulture, near UW Campus
Parking, \$10 per car

*To register for these or other UW Dental Alumni Association events, please call (206) 543-7297.
Information is also available on the School of Dentistry Web site's alumni page at
www.dental.washington.edu/alumni/alumni.php.*