



New Partnership with ODS
The ODS Companies has joined with the School to create a new ODS Scholars program for fourth-year dental students. It will be the largest scholarship available to OHSU dental students, said Dean Jack Clinton, D.M.D. '64, and it will "truly mean something to be an ODS Scholar." Said the Dean, "We look forward to making the first awards before the start of fall term. Information on how to apply will be forthcoming."

Dean Clinton President-elect of ICD

Capping a successful 50 years of dentistry, School Dean **Jack Clinton**, D.M.D. '64, recently was tapped president-elect of the United States section of the International College of Dentistry (ICD). Dean Clinton will assume the presidency in October during the American Dental Association annual meeting. As part of his new role, the Dean heads to Charleston, S.C., this month for a Board of *(continued at right)*

Regents meeting.

"I feel good about the opportunity to help revitalize the U.S.A. section of the ICD," said Dean Clinton. "Our goal in the next few years is to reform the foundation for the U.S.A. section, building upon an endowment that has been created for special projects." Dean Clinton was inducted into the ICD as a *(continued on page seven)*

Dental Students Receive AADR Fellowships

Three OHSU dental students won AADR (American Associate for Dental Research) Fellowships in March, prestigious awards that were given to only 22 United States dental students nationally this year. OHSU was second only to University of Michigan in the number of student research fellowships granted in 2010, beating out Harvard School of Dental Medicine, Baylor College of Dentistry, and University of Alabama at Birmingham.

The annual awards are designed to encourage dental students to consider careers in oral health research.

First-year dental student **Iraj Kasimi** will study, "Mutans streptococci isolates in caries-active children: Use of arbitrarily-primed polymerase chain reaction in the development of genetic fingerprints," with **Curtis Machida**, Ph.D., professor of integrative biosciences, as his mentor. 3M Dental Products is his sponsor. *(continued at right)*

First-year dental student **Clark Brinton** will study, "The effect of chlorhexidine-loaded bioactive glass on inhibition of streptococcus mutans bacteria colony proliferation, with **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics, as mentor. Clark's sponsor is Colgate-Palmolive.

Second-year dental student **Alex Vo** is also mentored by Dr. Machida and his project, sponsored by donations from AADR sections and IADR groups, is "Xylitol-resistant oral microorganisms in caries-active children: Human pathogen microarrays and arbitrarily-primed polymerase chain reaction."

Each dental student receives a \$2,100 stipend for dental research. Upon completion of their research and its presentation at an AADR annual meeting, each student will receive another \$600. Mentors are given an additional \$300 for supplies.

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Group Leader Profile: Lynn Whitley, D.M.D. '89

Lynn Whitley, D.M.D. '89, R.N., *really* wanted to work at the OHSU School of Dentistry.

"For more than two years, I used to get up at 4:30 a.m. four days a week to drive here from the Columbia Gorge," said the Sellwood group leader and assistant professor of operative dentistry. "Then I would get back to the Gorge area by 7:30 p.m. and get up the next morning and do it all over again.

"I love it here at the dental school," said Dr. Whitley, who recently bought a condominium on South Waterfront to lessen her commutes. "Dentistry has been good to me."

Dr. Whitley, 49, said her childhood dream was to become a dental hygienist. "My mother was dental phobic, but she didn't want her fear passed on. I remember going to the dentist and loving the dentist and the dental hygienist, how clean everything was, and all of the instruments."

But while at the University of Utah, a friend persuaded Dr. Whitley to try nursing instead and Dr. Whitley graduated in 1983 cum laude with a bachelor of science in nursing. Diploma in hand, she moved to Alaska and worked the night shift at a Juneau hospital.

"I loved being a nurse, but working the night shift and holidays at \$11 an hour wasn't what I wanted," she said. "I decided to apply to dental school since that was my first passion. All of the dentists that I knew in Alaska were from Oregon and they encouraged me to apply to OHSU."

Accepted to dental school in 1985, Dr. Whitley worked the night shift as a nurse at Providence St. Vincent Medical Center to put herself through school. "I really enjoyed being a dental student and my classmates," she said. "I also figured out that Hood River [Oregon] was the windsurfing capital of the world and every weekend I'd drive to Hood River to learn to windsurf."

Dr. Whitley graduated from OHSU in 1989 with honors and returned to Juneau, going into private practice with **Jerry Zemlicka**, D.M.D. '70.

"I was a WICHE (Western Interstate Commission for Higher Education) graduate and the state of Alaska had at the time a program where they paid 10 percent of my loan for every year I was there, up to 50 percent," she said. "It was a big incentive to move back. Alaska was very kind to me. And Jerry took me under his wing."

Windsurfing was still on Dr. Whitley's mind, however, and while in Alaska she purchased a home in Underwood, Wash., spending the majority of her summers in the Gorge. She met husband, **Skip**, while windsurfing and they married in 2000.



Lynn Whitley, D.M.D. '89, in the pre-doctoral clinic, in November. (Photo Dan Carter)

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Gootee Lecture



About 300 people – the majority of them dental students -- attended the second annual Robert Gootee/ODS Companies Lectureship on Leadership and Professionalism on March 10. The guest speaker was Dave Frohnmayer, J.D., law professor and president emeritus of the University of Oregon (second from left with dental students). "Dave did an absolutely incredible job with the lecture," said School Dean Jack Clinton, D.M.D. '64. "It was such a rich presentation and he pulled everything together very well." The class of 2012 had the most attendees of any class, with 73 of 74 dental students in attendance. The annual lectureship, created in 2008 by The ODS Companies board, led by Jay Lamb, D.M.D. '80, is the first fully endowed lectureship for the School. To view the lecture in full, go to http://www.ohsu.edu/edcomm/flash/flash_player.php?params=3%60/sch/sod/ods031010.flv%60vod&width=640&height=480&title=Robert%20G.%20Gootee%20/%20ODS%20Companies%20/Endowed%20Lectureship%20in%20Leadership%20and%20Professionalism.

DS1 Heads to Conference

First-year dental student **Daniel Cho** has been selected to represent OHSU at the 46th annual Dental Students' Conference May 2 to 4 in Gaithersburg, Md., sponsored by the American Dental Association. Daniel was selected for his interest and participation in research.

Dr. Whitley

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Dr. Whitley began volunteering in the pre-doctoral clinic in 2005, later joining the faculty part time. She was made Sellwood group leader in 2007 when the pre-doctoral clinic transitioned to the integrated group practice structure. She is now in clinic helping dental students three to four days a week.

"Dentistry can be extremely stressful and I worry about the students a lot," she said. "You really have to make a balance in your life and I know I didn't always do that well. It takes a lot of work to stay centered and take care of your family and health, as well as dental career."

Outside dentistry, Dr. Whitley gardens, knits sweaters, cooks, and of course, windsurfs. She'll kick off her windsurfing season this month with a trip to Maui, with the hope of getting onto the colder waters of the Columbia by mid-May. Skip, a sail designer and cutter for Northwave Sails, is busy this spring designing a new light sail named for his wife – the "Lynnai."

"It's important to enjoy life and love your work," she said.

School Calendar

March 29-	
April 2	Spring Break
April 5	Start of 12-week spring term
April 8-10	Oregon Dental Conference
April 9-10	Reunion Weekend
April 10	Annual Meeting and Awards Luncheon, Oregon Convention Center
April 26	Research Day, rooms 520-525, noon to 2 p.m.
May 29- 31	WREB Dental Exam

Scenes from OHSU Give Kids a Smile day



Dental students organized OHSU's seventh annual Give Kids a Smile day, on Feb. 26. From left are: third-year dental student Amanda Rentschler, fourth-year dental student Amanda Tinkle, second-year dental students Brittany Fox and Kelly Riley, and fourth-year dental student Oleya Salathe.

"This day gives dental students a chance to see more pediatric patients than usual and a more diverse pediatric clientele," said fourth-year dental student Cynthia Lehnertz, one of the main organizers of the event. (Photo Dan Carter)



Carmelita Metz, helps with Give Kids a Smile check-in at the patient reception center. More than 200 children were treated on Feb. 26. About 35 children were seen in the Dr. and Mrs. Carl Rietman Pediatric Dentistry Clinic, beginning at 7 a.m., the majority from local Boys and Girls Clubs. (Photo Dan Carter)



Dental students filled the pre-doctoral clinic waiting area before the children arrived, to receive last-minute instructions. "This is a good opportunity to use what we've learned and give back to the community," said fourth-year dental student Amanda Tinkle, one of four Give Kids a Smile organizers, to the assembled students. (Photo Dan Carter)



Third-year dental student Sheeva Azimi with a young patient at the Feb. 26 Give Kids a Smile. Said seven-year-old Jermaine, a second grader from Cherry Park, "I've been to the dentist before, but I'm a little nervous, because I have to get a tooth pulled." Interim pediatric dentistry chair John Engle, D.D.S., said, "It was sometimes dizzy, sometimes confusing, sometimes loud, but always the right thing to be doing. So many things went on behind the scenes to pull off this event. We appreciate each and every effort, known and unknown." (Photo Dan Carter)

Two Research Papers Published from Dr. Balkowiec Lab

The lab of **Agnieszka Balkowiec**, M.D., Ph.D., associate professor of integrative biosciences, has been productive, releasing two major findings in March via neuroscience journals.

Dr. Balkowiec and her team discovered that nitric oxide is a powerful regulator of a molecule that plays a critical role in the development and function of the nervous system. The finding, which could someday play a significant role in the prevention and treatment of high blood pressure, was recently published online and will appear in the May issue of the *Journal of Neuroscience Research*.

Additional study authors include **Hui-ya Hsieh**, B.S.; **Carolyn Robertson**, M.D.; and **Anke Vermehren-Schmaedick**, Ph.D. To view the entire press release summarizing the study, go to: http://www.ohsu.edu/xd/about/news_events/news/ohsu-school-of-dentistry-team.cfm.

Dr. Balkowiec and her team also developed a new animal model to study craniofacial pain, discovering that when tissues are inflamed, the nerve cells carrying the pain information from the head to the brain produce in large quantities a protein involved in pain signaling. The finding could play a significant role in the development of new treatments for craniofacial pain conditions, such as migraines, temporomandibular joint (TMJ) disorder, trigeminal neuralgia, and toothache. The finding was recently released online and will appear in the print issue of *Neuroscience* later in the spring.

The research team on the craniofacial pain study was interdisciplinary and included: **Leila Tarsa**, D.D.S., M.S., an endodontology resident who graduated from OHSU in 2009; **Ewa Balkowiec-Iskra**, M.D., Ph.D., visiting scientist from the Medical University of Warsaw; **F. James Kratochvil III**, D.D.S., professor and chair of the department of pathology and radiology; **Victoria K. Jenkins**, B.A., a research assistant who is currently a doctoral student at Boston University; **Anne McLean**, B.A., third-year dental student; **Alexandra Brown**, a Lakeridge High School senior who is currently a freshman at Brown University; **Julie Ann Smith**, D.D.S., M.D., assistant professor of oral and maxillofacial surgery; and **J. Craig Baumgartner**, D.D.S., Ph.D., professor emeritus of endodontology.

To view the entire press release, go to http://www.ohsu.edu/xd/about/news_events/news/ohsu-school-of-dentistry-devel.cfm.

School of Dentistry at Brain Fair

The School of Dentistry had a presence at OHSU's recent Brain Fair, reports **Karla Kent**, Ph.D., associate professor of integrative biosciences, displaying a poster at the March 13 OMSI event similar to the one now hanging in the School's sixth floor hallway. Dr. Kent attended the OMSI event and talked to children and their families about teeth and tooth pain. Second-year dental student **Phil Han** and postdoctoral student **Anke Vermehren-Schmaedick**, Ph.D., (in **Agnieszka Balkowiec's** lab) also were on hand to discuss their research and dentistry. The trio took a handheld microscope so children could look at sections of teeth, as well as their own skin, hair, etc., and in some cases, the insides of their ears and noses! (Dr. Kent, also the School's Health and Safety Officer, was careful to note that plenty of disinfecting wipes were on hand). "It was a lot of fun and gave us a chance to talk to the public about oral health and what we do here at the School," said Dr. Kent.

DS4 Wins William Howard Competition

Sixteen third- and fourth-year dental students participated this year in the annual William Howard competition, with the top three students presenting their cases on March 12 at the Oregon Academy of General Dentistry (OAGD) meeting at the Multnomah Athletic Club.



Aaron Geelan

First place was fourth-year dental student **Aaron Geelan**, who won \$1,000 from the OAGD for his case, which involved opening the vertical dimension of occlusion. Aaron's mentors were **Thomas Walker**, D.M.D. '66, assistant professor of operative dentistry, and **David Burton**, D.M.D. '80, assistant professor of prosthodontics. A Tigard, Ore., native, Aaron is married and hopes to practice dentistry in Portland after graduation.

Second-place in the competition was third-year dental student **Jacob Morrow**, with Drs. **Robert Myall**, M.D., professor of oral and maxillofacial surgery, and **Michael Carlascio**, D.M.D. '81, assistant professor of operative dentistry, as mentors. Jacob won \$750 from the OAGD. Fourth-year dental student **Jason Yole** won third place and received \$500 from the OAGD. Jason's mentor was **William Bonniksen**, D.M.D. '75, assistant professor of restorative dentistry.

The William Howard competition enables dental students to demonstrate their knowledge by presenting a patient case, including a comprehensive examination; photographs; treatment planning; treatment outcomes; and supporting references. The 15-minute case presentations were judged on quality, completeness, and students' ability to communicate concepts clearly.

Faculty Represent School at ADEA

Six School of Dentistry faculty represented OHSU at the recent ADEA (American Dental Education Association) meeting in Washington, D.C. **Phyllis Beemsterboer**, M.S., Ed.D., associate dean for academic affairs; **Denice Stewart**, D.D.S., M.H.S.A., associate dean for clinical affairs; **Ron Sakaguchi**, D.D.S., M.S., Ph.D., M.B.A., associate dean for technology and innovation; **David Covell Jr.**, D.D.S., associate professor and chair of orthodontics; **Mark Mitchell**, M.S., associate dean for student affairs; and **Jeff Stewart**, D.D.S., M.S., associate professor of pathology, all attended ADEA's 87th Annual Session and Exhibition held Feb. 27 to March 3.

Dr. Beemsterboer attended an ASDE (American Society of Dental Ethics) meeting, a group for which she is the president-elect. Dr. Beemsterboer also led a workshop and was a panelist and speaker for other sessions. Dr. Denice Stewart attended a board meeting for the Leadership Institute Alumni Association and presented three programs. Dr. Sakaguchi was a participant on several panels relating to research integration in the dental curriculum. Dr. Covell attended a number of ADEA sessions and it was his fifth year serving as Councilor for the Section on Orthodontics, ADEA Council of Sections. Dr. Covell also was on a panel discussing the future of postgraduate program applicant assessment. Mark was a workshop participant and was appointed to serve on the WebAdMIT Advisory Committee. He also completed his multi-year term as chair of the AADSAS Task Force. And Dr. Jeff Stewart attended the Leadership Institute Alumni Association board meeting, presented a program to the Leadership Institute alumni, and was elected as vice-president of the Supreme Chapter of Omicron Kappa Upsilon, the national dental honor society, for a four-year term.

Dental School Involved in OHSU Accreditation

This month, OHSU will undergo an interim accreditation review with the Northwest Commission on Colleges and Universities, for which the School of Dentistry is involved in preparing a written report.

"We provide information on our academic programs for the OHSU Provost's Office and then they compile all of the information for the university," said **Phyllis Beemsterboer**, M.S., Ed.D., associate dean for academic affairs. The final report addresses nine standards: Planning and effectiveness of institutional mission and goals; effectiveness of educational programs; students; faculty; library and information resources; governance and administration; finance; physical facilities; and institutional integrity.

The accreditation team will be on campus April 21 and 22 and is not expected to physically visit the dental school, said Dr. Beemsterboer. "Dean Clinton and I will be asked to represent the school at various meetings throughout the two days of the site visit," she said. "The process and standards are similar to what we went through last October with our specialized accreditation."

ICD *(continued from page one)*

a fellow in 1991. Membership into the International College of Dentistry, by invitation only, is for dentists who have made significant contributions to the dental profession, the community, and their families.

There are 15 sections of the ICD throughout the world, of which the U.S.A. section is one. The ICD, with thousands of members worldwide, is considered the premier dental organization charged with advancing dentistry worldwide.

Olympics Fever



With the classes of 2010, 2011, and 2012 busy with Give Kids a Smile in the pre-doctoral clinic, the first-year dental students spent the morning of Feb. 26 in the simulation lab dressed to honor Olympic athlete Apolo Anton Ohno, who won his eighth gold medal that evening. Seventy-some first-year dental students donned red bandanas and felt "soul patches" for their periodontology

instrumentation class. The dress up was coordinated by Susan Kay, R.D.H., associate professor of periodontology, shown here in the second row, second from left. To Susan's left is Stacy Matsuda, R.D.H. '77, Alumni Association Student Outreach/Scholarship Committee Chair. Instructor Dana Lillie, R.D.H. '78, is shown in the center in a white floral shirt. "Apolo is my personal favorite and he has clear identifying trademarks, so it just works," said Susan, a.k.a., The Flower Lady (see the December 2007 Dental Bites). Apparently, David Hamm, D.M.D. '52, assistant professor of prosthodontics, is an Apolo fan, too, because he was spotted days later dressed like the speed skater!



**David Hamm,
D.M.D. '52**

SOD'er Voted Student of the Month

Second-year dental student Jesse Hollander was voted OHSU Student of the Month for March by the All-Hill Student Council. Jesse was nominated by his SOD peers for his leadership on community outreach and won a \$50 gift card to the Student Center.