



Dental Students Care for Day Laborers

As part of the winter ICHEE (Interdisciplinary Community Health and Education Exchange) course through OHSU's Global Health Center, five dental students and two dental faculty visited the Day Labor (VOZ) center in northeast Portland for four Saturdays teaming with medical, nursing, and pharmacy students to screen day laborers. Each dental/medical/nursing/pharmacy team saw 30 to 40
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Dr. Sedgley Joins School of Dentistry

Christine Sedgley, M.D.S., M.D.Sc., F.R.A.C.D.S. (Endo), Ph.D., had crossed paths with **J. Craig Baumgartner**, D.D.S., Ph.D., for about four years before he began encouraging her to apply for OHSU's endodontology department chair position.

"Our research interests are similar and I was co-author for a
(continued at right)

chapter on the microbiology of endodontic disease in a recent textbook that Craig edited," said Dr. Sedgley, who officially joined OHSU in January after Dr. Baumgartner's
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Christine Sedgley, M.D.S., M.D.Sc., F.R.A.C.D.S. (Endo), Ph.D.

Dr. Machida Lab Busy and Productive

Curt Machida, Ph.D., professor of integrative biosciences, reports that his team has a number of recent accomplishments.

Several articles are underway, one in the peer-reviewed journal *Pediatric Dentistry*, to be published this spring; the other a book chapter in *Periodontis: Symptoms, Treatment, and Prevention*, slated for publication this summer. The *Pediatric Dentistry* article is the "Application of ATP bioluminescence for quantification of plaque bacteria and assessment of oral hygiene in children," and its authors are former pediatric dentistry resident **Shahram Fazilat**, D.D.S.; third-year medical student **Rebecca Sauerwein**, fourth-year dental student **Jennifer McLeod**; third-year dental student **Tyler (TJ) Finlayson**; pediatric dentistry department interim chair **John Engle**, D.D.S.; associate professor of pediatric dentistry **Prashant Gagneja**, B.D.S., M.S.; **Tom Maier**, Ph.D., assistant professor of integrative biosciences, and Dr. Machida.
(continued at right)

The book chapter is "Bioluminescent lux gene biosensors in oral streptococci: Determination of complementary antimicrobial activity of minocycline hydrochloride with the anesthetic lidocaine/prilocaine or the antiseptic chlorhexidine," and its OHSU authors are former periodontology resident **Viet Ton That**, D.D.S., second-year periodontology resident **Sarah Nguyen**, D.M.D. '04; research assistant **David Poon**; third-year dental student **Shawn Monahan**; Rebecca; research assistants **Dan Lafferty** and **Marie Teasdale**; third-year dental student **Amanda Rice**; periodontology department chair **Bernie Carter**, D.D.S., Dr. Maier; and Dr. Machida.

Several dental students in the Dr. Machida Lab – second-years **Alex Vo** and **Steve Jackson** and third-years **Issac Edwards**, Shawn and **Eric Gregg** – attended the Rendezvous Meeting with the Oregon Coalition for Minimally Invasive Dentistry in mid-February
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day laborers over the four Saturdays, said **Todd Beck**, D.M.D. '94, affiliate faculty in community/restorative dentistry.

"It was a very valuable interdisciplinary approach to health care," said Dr. Beck. "It was a wonderful experience for our students!"

Dental students participating with Dr. Beck and **Fay Gyapong**, D.M.D. '90, affiliate assistant professor of restorative dentistry, included first-years **Amanda Kremer**, **Erica Coe**, **Geoff Peterson**, **Kalli Elford**, and **Jenna Painter**.



First-year dental students Amanda Kremer (left), Erica Coe (second from left), Geoff Peterson (back right), Kalli Elford (second from right), and Jenna Painter (right) at the Day Labor Hire Site in northeast Portland on Feb. 20, with Todd Beck, affiliate faculty in community/restorative dentistry. (Photo Melissa Monner)

Another ICHEE course is planned for spring in a different local community.

ACE in Action

by ACE co-chairs Stacy Lomeli, D.D.S., assistant professor of restorative dentistry; Susan Clinton, clinic information analyst; and ACE committee member Ben Bernstein, Ph.D., affiliate assistant professor of community dentistry



Stacy (left), Ben, and Susie, at the Employee Appreciation event in December, hosted by ACE on behalf of the School. (Photo Jessica Smith)

Following the Employee Appreciation Celebration and the excellent feedback received from the staff in-service in December, ACE continues to move forward. Originally an advisory group, it is now the **Action Committee for Excellence**.

The shift in focus comes with a number of activities: initiating a pilot training group for excellent customer service, plans for appreciation events, and recommendations for improving signage around the School. The group will also begin work on a directory to give patients and visitors helpful direction in finding what they need.

As always, ACE appreciates your feedback and support in promoting service excellence within the School of Dentistry. Please contact Stacy, lomelis@ohsu.edu, or Susan, grosses@ohsu.edu, with ideas for ACE.

Dr. Ferracane in the News

Jack Ferracane, Ph.D., professor and chair of restorative dentistry, recently was featured in the American Association of Dental Research's Strides in Science, <http://www.aadronline.org/i4a/pages/index.cfm?pageid=3890>. Dr. Ferracane is currently on sabbatical in the United Kingdom researching the interaction between dental biomaterials and tooth tissue.

Ribbon-Cutting For Clinic



Rob Kay, Patterson Dental branch manager (left), Scott Turner, Doernbecher Children's Hospital associate hospital administrator (second from left), School of Dentistry Dean Jack Clinton, D.M.D. '64, and Scott Parrish, A-dec, Inc., president (far right), prepare to cut a ribbon to dedicate the School's new Pediatric Dental Surgery Clinic, for children with special needs. A-dec donated all of the equipment in the new clinic, worth nearly \$75,000, and Patterson provided for free all of the equipment installation. John Hanna, D.D.S., Pediatric Dental Surgery Clinic director, said the combination of services available in a child-centered hospital setting makes for a quality approach to dental care and education. "Recently, we saw a child with a significant heart problem who had an abscessed tooth. I said to the patient, 'Wait right here!' I found the anesthesiologist scheduler and told her I needed to get the child on the books right away. This was on a Thursday and she was able to fit the child in on Monday. Everything went just perfectly." Dean Clinton said that without the commitment and cooperation of Doernbecher, A-dec, and Patterson, the new clinic would never have occurred. "We had a dream that people put their shoulders behind and we made it happen," he said. (Photo Sydney Clevenger)

Dental Bites is the School's monthly internal newsletter. If you have a story or photo submission, please contact Sydney Clevenger (clevenge@ohsu.edu, 503-418-1792) by the 25th of the month prior to publication.

Dr. Machida (continued from page one)

in Baker City, Ore. Alex, Steve, and Issac presented, "Acidogenic and acid-tolerant mutans streptococci strains following caries restorative treatment in caries-active children." Third-year dental students **Katie Marsh** and TJ, and Dr. Machida were co-authors of the poster.

Second-year pediatric dentistry resident **Elizabeth Palmer**, D.M.D. '07, is presenting a poster entitled, "Selection of mutans streptococci following caries preventive therapy," at the American Association for Dental Research (AADR) in Washington, D.C., in early March. Additional co-authors include research assistant **Truman Nielsen**; pediatric dentistry fellow **Patty Peirano**; second-year pediatric dentistry resident **Aivan Nguyen**, D.D.S.; adjunct professor of pediatric dentistry **John Peterson**, D.D.S.; Dr. Maier; and Dr. Machida.

Drs. Palmer and Nguyen will be presenting dual presentations, "Genotypic variation of mutans streptococci following full-mouth dental rehabilitation," and "Acidogenic and acid-tolerant mutans streptococci strains and caries preventive therapy," at the American Association of Pediatric Dentistry in Chicago, Ill., in May. Additional co-authors include Truman, Dr. Peirano, research assistant **Anna Nguyen**, who will be a first-year student in the fall; David; TJ; Alex; Steve; Issac, Katie; Dr. Peterson; Dr. Maier; and Dr. Machida.

School Calendar

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| March 10 | Robert G. Gootee/ODS Companies Endowed Lectureship on Leadership and Professionalism, 3 p.m., OHSU Auditorium (Old Library) |
| March 15 to 19 | DS4 School Boards |
| March 26 | End of 12-week winter term |

Scenes from National Children's Dental Health Month



Fourth-year dental student Eric Matzelle charts a young patient on Sealant Day while School Outreach Coordinator Mary Ann Haish, R.D.H., looks on. Eric was one of 12 dental students caring for young people on Feb. 10 in the Dr. and Mrs. Carl Rietman Pediatric Dentistry Clinic. (Photo Sydney Clevenger)



Dental student event volunteers pose with "Wally Gator" prior to the Friday evening (Feb. 5) opening of Celebration of Smiles, which drew more than 2,300 attendees. (Photo Dan Carter)



Buckman Arts Elementary second graders await their turn for sealants in the Dr. and Mrs. Carl Rietman Pediatric Dentistry Clinic on Feb. 10. Thirty-six Buckman students received sealants while another 20 Raleigh Park Elementary students received sealants on Feb. 12. Sealant materials were kindly donated by Ultradent. Procedures included 181 sealants placed and 28 fluoride varnishes worth \$5,159. (Photo Sydney Clevenger)



First-year dental students Nicole Grant and Tyler Way were the Tooth Fairy and Mr. Molarnator at Celebration of Smiles. Pre-dental students from Portland State University also dressed in costume and performed a skit both days. (Photo Dan Carter)

Watch for Give Kids a Smile details in the April Dental Bites.

Dr. Sedgley *(continued from page one)*

retirement in December 2009. The two had also crossed paths at conferences, and through their respective roles writing, reviewing, and editing for the *Journal of Endodontics*. "It's a great honor to be following such a tremendous contributor to the endodontic world," said Dr. Sedgley.

At OHSU, Dr. Sedgley is associate professor and chair of the department of endodontology. While her initial focus will be on the recruitment of faculty to direct the postgraduate residency and undergraduate endodontology programs, she will also be teaching dental students and mentoring graduate residents' research. In addition, she plans to continue her microbiology research developed while at the University of Michigan. ("I'm interested in the microbiology of root canal infections," she said).

An Australian, Dr. Sedgley received her bachelor and masters of dental surgery from the University of Sydney, Australia, and her F.R.A.C.D.S. (Fellow of the Royal Australasian College of Dental Surgeons) in restorative dentistry nine years later. Dr. Sedgley completed her masters of dental science in endodontics from the University of Melbourne in 1991. After moving to Hong Kong in 1992, Dr. Sedgley completed a doctoral degree in oral microbiology at the University of Hong Kong, then practiced clinical endodontics and taught part-time at the University of Hong Kong. In 2000, she joined the University of Michigan School of Dentistry as an assistant professor in cariology, restorative sciences and endodontics, where she obtained her endodontics certificate in 2005. She received her M.R.A.C.D.S.(Endo) in 2009.

Dr. Sedgley is an associate editor for the *Journal of Endodontics*, serves on several national and international committees, and will continue her speaking engagement schedule. "The department faculty and staff have been of tremendous help during this transition process - this is truly a collegial group," she said. "Our department has great support from alumni and friends who I'm really looking forward to getting to know better."

Dr. Sedgley, husband, **Victor Kan**, and dog, **Porsche**, are enjoying Portland and its milder-than-Michigan winters. "We are looking forward to hiking and outdoor activities in the Northwest," she said. "We also want to continue our quest to visit all 50 states—we've completed 43 so far—and we love the United States National Parks." Dr. Sedgley and her family live in the Hillsdale part of Southwest Portland.

School Staff Comings and Goings

*Welcome to **April Barnett**, administrative assistant in Supply and Logistics.

*Welcome back to **Dana Solof**, new associate director for university alumni relations, who will be based in the School of Dentistry's alumni office with **Mallory Gordon**, administrative assistant for university alumni relations and development assistant for the School. They join **Pat Regan**, newly promoted to university alumni relations director and director of development for the dental school.

*Come mid-March, former development coordinator **Jessica Smith** will transition to the fifth floor, helping **Ron Sakaguchi**, Ph.D., D.D.S., associate dean for research and technology, with the School's second annual Research Day, slated for April 26.