



Dental Bites



June 2014

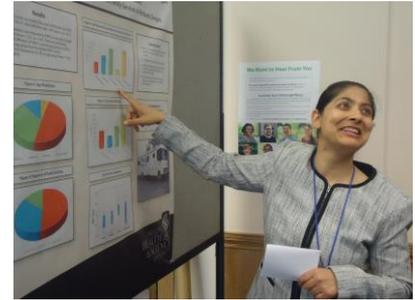
OHSU SOD to Graduate 88

Preparations are underway for the Class of 2014's commencement at 9 a.m. on June 13 at the Arlene Schnitzer Concert Hall. Seventy-two students will receive doctor of dental medicine degrees, along with 16 advanced specialty graduates (endodontology, three; oral and maxillofacial surgery, one; pediatric dentistry, five; periodontology, three; and orthodontics, four.

Research Day Concludes OHSU Research Week

For the sixth year, OHSU School of Dentistry hosted Research Day, with nearly three dozen poster presentations on display in the university's Old Library on May 9. A number of students, residents, and faculty also presented their work during OHSU Research Week.

"We appreciate your adding to the body of knowledge for dentistry and increasing the reputation of OHSU School of Dentistry," said **Jim Smith**, D.M.D. '81, immediate past president of the Alumni Association, who attended Research Day on behalf of sponsor Permanente Dental Associates. "I am always impressed at the level of effort and results achieved for Research Day. This is such a wonderful aspect to dental education."



New assistant professor of community dentistry **Richie Kohli**, B.D.S., M.S., was one of dozens of faculty who participated in Research Day. (Photo Sydney Clevenger)

Receiving Best Poster was third-year dental student **Devin Wahlstrom** for "Dental Implant Reconstruction of Fibular Free Flap after Maxillofacial Oncologic Resection." First-year dental student **Christopher Fanger** was runner-up for "Light Transmission in Restorative Composites is a Function of Shade and Thickness."

New in 2014 was a Student Choice Poster Award, selected by students, and first-year dental student **Arthur Gutnik** won for "Exothane Monomers as BPA-free alternatives for Dental Adhesives and Sealants."

Dean **Phillip Marucha**, D.M.D., Ph.D., gave the keynote address, "Mechanisms of Stress-Impaired Wound Healing."

"Dr. Marucha has been here less than a year and already his input has been felt in the mission area of research," said **David Morton**, Ph.D., professor and associate dean for research. "Those of us who have been engaged in research at the dental school for a while can feel a revitalization, and for that we are extremely appreciative."

Dr. Morton said that in the past fiscal year, OHSU School of Dentistry has upped its research dollars by \$1 million (to \$3 million), after holding steady at \$2 million annually in grants for the past six years.

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Our new address: 2730 S.W. Moody Avenue, Portland, Oregon, 97201-5042



Assistant Professors of Clinic Administration Barry Taylor, D.M.D. '95 (left) and Lisa Greene, D.D.S., are the interim group leaders for the St. John's group practice. "The building is so beautiful," said Dr. Greene. "I love the colors they've chosen."



Peter Morita, D.M.D. '86, associate dean for patient affairs (bottom right) shows some of the Sellwood group practice the next generation DXTTR, in the simulation lab of the new dental school.

Printable fliers for patients regarding the new building are available by emailing clevenge@ohsu.edu



Second-year dental students Daryl Khaw (left), Jennifer Nguyen (center), and TT Nguyen, enjoy the lab next to the 10th floor simulation clinic.



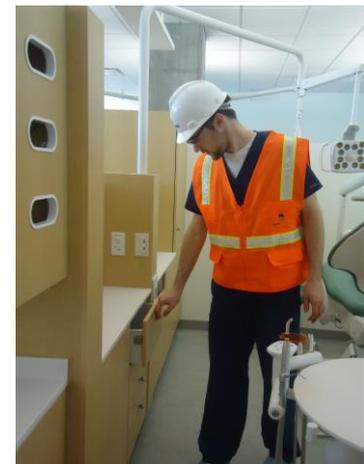
Second-year dental students Alex Louie (left) and Liz McElhinney enjoy their tour of the Skourtes Tower OHSU School of Dentistry, on May 29. "This is pretty cool," said Liz. "It's going to be extra exciting to get to clinic."



Second-year dental student Estrellita Guitierrez is amazed by the two big television screens in the CLSB resident lounge.



Second-year dental students Matthew Erickson (left), Soroush Amali (center) and Tyler Tebay, check out the A-dec Inc. operatory chairs and lights.



Second-year dental student Jared Rowberry, from Boise, Idaho, checks out the cabinetry in the St. John's group practice. "It will be helpful for patients to sit somewhere nice and for us students not to have to worry about things breaking down," said Jared.

All Photos Sydney Clevenger

Recent Photos from the School of Dentistry



Mary Ann Haisch, R.D.H. (yellow) and Emily Boring, OHSU relocation liaison supervisor for delivery and fleet services (right) help coordinate the lab move of Agnieszka Balkowiec, M.D., Ph.D., associate professor of integrative biosciences, on May 15. Though Dr. Balkowiec moved her own microscopes, and the chemical movers (PCS) arrived on a separate day, Dr. Balkowiec gave kudos to all involved, especially the moving company (Alexander's) for their quick and smooth work. Dr. Balkowiec is the first researcher to move her lab, in anticipation of the school's move to South Waterfront. (Photo Agnieszka Balkowiec). (Photo Sydney Clevenger)



Enjoying the weather on May 16, for the annual DS3 golf tournament are (from left to right) fourth-year dental student Wyatt Wilson, and third-year dental students Jarron Tawzer, Brian Neish, and Kevin Sagawa. (Photo Mark Kemball)



OHSU School of Dentistry hosted an oral health education booth at the three-day Cinco de Mayo Festival at South Waterfront in Portland. "We successfully demonstrated the modified bass technique, utilizing the teach-back method, to more than 1,700 members of the community," said second-year dental student Jennifer Rosales. "It was so rewarding to see how grateful people were to learn about how to properly care for their teeth and gums. We experienced great enthusiasm for the new dental facility and people had many questions about how to become a patient. It was so much fun to help the community and I hope we get many new patients from this event!" Third-year dental student Kendra Chandhoke is on the left; second-year dental student Emily Irby is at right. (Photo Tate Masunaga)



Five students from the Class of 2014 pursuing advanced education after graduation recently received \$500 each from Permanente Dental Associates' **Felix Lee**, D.M.D. '00 (second from right) for a total of \$2,500 in scholarship funding. Fourth-year dental students **Dylan Sorber** (fourth from left) and **Nels Walther** (left) are remaining in Portland to pursue general practice residencies at the Veterans Affairs Medical Center; fourth-year dental student **Erica Robinson** (third from left) will pursue orthodontics at the University of Nevada, Las Vegas; fourth-year dental student **Kyle Christensen** (second from left), will head to Andrews Air Force Base in Washington, D.C., for an advanced education certificate in general dentistry; and fourth-year dental student **JJ Ooi** is pursuing oral and maxillofacial surgery at the University of Louisville. Dean **Phillip Marucha**, D.M.D., Ph.D., is at right. (Photo Jenna Wilkinson)

Research Day *(continued from page one)*

"Our increase in research dollars comes at a time when research funding is down nationally so this is very promising," said Dr. Morton. "Researchers at the dental school are very optimistic for the future because of the changes underway. We see great things ahead."

The winners of the April Oregon Dental Association/Dentsply Student Table Clinic also were announced on Research Day. They are:

First place: Second-year dental student **Jonathan Yih**, (\$500 from the ODA and an all-expenses paid trip to the American Dental Conference in San Antonio);

Second place: Second-year dental student **Joseph Knight** (\$500 from the ODA);

Third place: First-year dental student **Lillian Nguyen** (\$500 from the ODA);

Fourth place: First-year dental student **David Garfinkel** (\$250 from the Alumni Association);

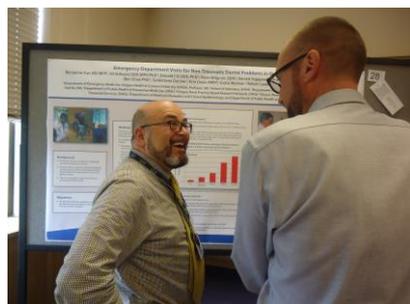
Fifth place: First-year dental student **Arthur Gutnik** (\$200 from the Dean's Office);

Sixth place: First-year dental student **Sita Ping** (\$150 from the Alumni Association);

Seventh place: Second-year dental student **Caroline DeVincenzi** (\$100 from the Dean's Office).



Student Table Clinic winners included (from left to right) Joseph Knight (second place), Lillian Nguyen (third place); and Jonathan Yih (first place). (Photo Sydney Clevenger)



Professor of Community Dentistry Eli Schwarz, D.D.S., M.P.H., Ph.D. (left) with Sean Benson, D.D.S., assistant professor of oral and maxillofacial surgery and general practice residency director, at Research Day. (Photo Sydney Clevenger)

First-place winner Jonathan also received a \$3,750 Oregon Clinical and Translational Research Institute (OCTRI) grant for summer research on physical and optical properties, with mentor **Carmem Pfeifer**, D.D.S., Ph.D., assistant professor of restorative and pediatric dentistry.

Additionally, first-year dental students **Lindsey Yap** and **Britta Martinez** submitted summer research proposals that were green lighted for \$2,000 Dean's Summer Fellowships.

Dean's Seminar Series 2014-2015
Save the Dates: Sept. 30, Dec. 9, Jan. 6, March 3, March 31, and June 9

Community Dentistry News

Professor and Community Dentistry Chair **Eli Schwarz**, D.D.S., M.P.H., Ph.D., reports several new developments from his department:

*Assistant Professor **Richie Kohli**, B.D.S., M.S. (see photo, page one) recently became a new diplomate of the American Board of Dental Public Health (ABDPH) after successfully passing the challenging ABDPH specialty certifying examination. Dr. Schwarz said he believes Dr. Kohli is now only the second individual in the state who is a specialist in dental public health.

*Dr. Schwarz and **Mike Plunkett**, D.D.S., M.P.H., assistant professor of community dentistry, attended the Annual National Oral Health Conference in Fort Worth Texas as the end of April. The OHSU'ers presented a "very well-attended, dedicated session" on the integration of dental care into the Accountable Care Organizations—The Oregon Model, which "provided a thorough description of how the health care transformation in the state is affecting the dental care world and the new dental metrics on which the Coordinated Care Organizations will be evaluated." Dr. Schwarz presented an additional paper on the newly completed study on Emergency Department Visits for Non-Traumatic Dental Problems in Oregon, which was conducted with colleagues in OHSU's department of emergency medicine.

There were three additional posters presented: "Oral Health Status of and Dental Care Treatment Needs of Adults in Clackamas County, Oregon" (Schwarz, Kohli, and collaborators from Northwest Family Services); "Volunteerism Among Dentists in a Mobile Dental Program: Motivations and Barriers" (Schwarz and collaborators from the Department of Public Health and Preventive Medicine); and "Inequitable Access to Dental Care under The Managed Care Medicaid System in Oregon" (Schwarz with **Alynn Vienot**, R.D.H.)

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School Calendar 2014

June 13	Commencement
June 20	End of 12-week spring term
June 20	MOVE BEGINS!
June 26	CLSB event for students, staff, and faculty, 2 to 6 p.m.
June 30	Residency programs begin
July 4	Holiday—School Closed
July 7	Begin seeing patients in Skourtes Tower
Aug. 11	Start of Summer Session B
Sept. 19	End of Summer Session B

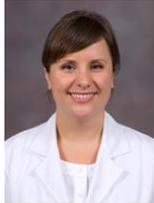
Class of 2014 Awards



Mark Malloy, D.D.S., congratulates fourth-year dental student Traci Saito on one of the two awards she received on May 29 at the Class of 2014 Awards Presentation. Traci received the Pierre Fauchard Academy Award of Recognition and the Quintessence Award for Clinical Achievement in Restorative Dentistry, two of 12 awards presented during a special ceremony pre-commencement. Another several dozen awards will be presented to graduating seniors on June 13. Additional awardees on May 29 included Quinn Martin (Academy of Osseointegration Implant Dentistry Award); Jason Greyslak (American Academy of Esthetic Dentistry Student Award of Merit); Craig Wright (American Academy of Implant Dentistry Award); Denise Gates (American Association of Oral & Maxillofacial Surgery); Michelle Nguyen (Certificate of Merit Oregon Academy of Pediatric Dentistry); Dylan Sorber (Hanau Best of the Best Prosthodontic Award); Kelly Sayre (Jerome Schell/Gary Wilson Oral & Maxillofacial Surgery Memorial Award); Carly Peterschmidt (Larry Sorum Memorial Award in Endodontics); Whitney Anhorn (Oregon Society of Periodontists Award); and Kyle Christensen (Western Society of Periodontology Award). (Photo Sydney Clevenger)

Student Spotlight

*Fourth-year dental student **Jessica Henderson** won the Oregon Academy of General Dentistry-sponsored William Howard competition, the first female to do so in the event's history. Jessica's case was a 36-year-old woman with a lifetime of dental problems, including what pathologists believed was a form of amelogenesis imperfecta. Her full-mouth restoration included operative, fixed, and removable disciplines culminating in a "healthy and beautiful result that was only achievable because of the affordability of the dental school." Before enrolling in dental school, Jessica lived in Bend and she is currently looking for a private practice opportunity in Central Oregon.



Jessica
Henderson

*Fourth-year dental student **Jason Greyslak** recently was selected to receive \$2,000 from the Dr. George A. and Diane McCully Endowed Scholarship Fund. Jason is from Arizona and will marry classmate **Rose Vaughn** a week after graduation.

*Third-year dental student **Jessica Kloenne** recently received the ASDA Award of Excellence.

Community Dentistry *(continued from page five)*

*Second-year dental students **Amelia Stoker** and **Sydney Stoker** presented a poster on the project for which they won the American Association of Public Health Dentistry Predoctoral Dental Student Merit Award for Outstanding Achievement in Community Health Dentistry, with classmate **Caroline DeVincenzi**.

Faculty Passing

John Henry "Jack" Hartleb, D.M.D. '67, longtime faculty member in the department of restorative dentistry, recently died. Dr. Hartleb joined the faculty in 1976 and was most recently assistant professor of restorative dentistry.

e-Textbooks for '18

Beginning in September, the OHSU School of Dentistry's entering doctor of dental medicine class will purchase electronic textbooks, rather than the hard copy textbooks dental students have been purchasing for decades. Dental students purchase required textbooks for each course over the four years of dental school, said **Phyllis Beemsterboer**, M.S., Ed.D., associate dean for academic affairs.

"Hardbound, hefty dental school textbooks will soon be a relic of our past," said Dr. Beemsterboer. "About one-third of dental schools nationally are already using e-textbooks and we decided that, especially with a new facility, it was the right time to improve the pre-doctoral textbook system for our students."

First-year dental students will purchase their texts through the VitalSource Bookshelf, which supports a range of applications that enable students to read and interact with their content anytime, anywhere. Students are able to download or read their e-textbooks online, search content, create highlight sections, and make and share notes—with or without access to the Internet.

When dental students graduate, they take their electronic bookshelf with them.

"These are the library of texts that every practicing dentist, as well as every dental student should have at their fingertips," said Dr. Beemsterboer. "The cost of the e-textbooks is comparable, there is less for students to carry and store, and the system creates a vehicle for applying evidence-based thinking for the developing dental professional."

Dental faculty and students will be trained on the new e-textbook system this fall.

Balkowiec Lab Publishes

The lab of **Agnieszka Balkowiec**, M.D., Ph.D., associate professor of integrative biosciences, has contributed its expertise to a project led by **Fawzy Elbarbry**, Ph.D., associate professor of pharmacy at Pacific University, resulting in an important new discovery that has implications for the prevention and treatment of hypertension, which affects about one in three adults in the United States.



The study was recently published in *ISRN Pharmacology*, a peer-reviewed, open-access journal: <http://www.hindawi.com/journals/isrn.pharmacology/2014/683508/>

Using spontaneously hypertensive rats, the researchers demonstrated blood pressure-lowering benefits of sulforaphane, the main active ingredient of cruciferous vegetables, such as cauliflower, bok choy, and broccoli. The current study is the first to link sulforaphane with a specific metabolic pathway that, ultimately, leads to a significant decrease in blood pressure.

"While the effective concentration of sulforaphane used in our study significantly exceeded the concentration that is possible to achieve from an average daily consumption of cruciferous vegetables, a beneficial cumulative effect of a diet rich in these vegetables is likely," said Dr. Balkowiec.

Anke Vermehren-Schmaedick, Ph.D., research associate, department of biomedical engineering, also contributed to the project.

Find Us On FB and the Web
OHSU School of Dentistry news is also available at www.ohsu.edu/sod, and on www.facebook.com/ohsuschoolofdentistry

Service Award to Stewart

Jeffery Stewart, D.D.S., M.S., associate professor and interim chair of the department of pathology and radiology, won the Distinguished Faculty Service Award in late May for his dental school and OHSU contributions. For his efforts, he received a certificate and \$3,500.



The School of Dentistry's nominees for the Distinguished Faculty Service Award included (from left to right) Drs. Agnieszka Balkowiec, Jeffery Stewart, Eli Schwarz, and Robert Myall. (Photo Lynn Whitley, D.M.D. '89, R.N.)

Additional nominees for the service award were **Agnieszka Balkowiec**, M.D., Ph.D., associate professor of integrative biosciences; **Robert Myall**, B.D.S., F.D.S., F.R.C.D., F.I.C.D., M.D., professor of oral and maxillofacial surgery; and **Eli Schwarz**, D.D.S., M.P.H., Ph.D., F.H.K.A.M., F.C.D.S.H.K., F.A.C.D., F.R.A.C.D.S., professor of community dentistry. Each nominee received a certificate and check for \$500.

The Distinguished Faculty awards were established by the Faculty Senate, with five categories (service, leadership, teaching, collaboration, and research) rotating annually. Dr. Stewart, who joined OHSU in 1999, is active in national dental education, local and state dental societies, and a major leader on the OHSU campus.