



June 2012

## Graduation

*\* The Arlene Schnitzer Concert Hall is the site of the School of Dentistry's commencement ceremony for 2012 graduates on June 15. The ceremony begins at 10 a.m. For more information, go to [www.ohsu.edu/sod](http://www.ohsu.edu/sod) and click on the Graduation Button. Eighty of the 90 graduates are available to receive their doctor of dental medicine and specialty certificates at the ceremony. In addition, emeritus awards will be presented to Jack Clinton, D.M.D. '64, and Joseph Schwartz, D.D.S.*

## Students Recognized on Research Day

Dental-related research by students was the focus of the School of Dentistry's fourth annual Research Day on May 14. Best Poster awards were announced, as well as summer fellowships through the Dean's Office, and Table Clinic winners from Oregon Dental Conference weekend.

"It is exciting to see how developing scientists are doing groundbreaking work," said Interim Dean **Gary Chiodo**, D.M.D. '78, F.A.C.D. Dr. Chiodo said each school at the university is currently developing a "Research Roadmap" to outline strategically their goals for research by 2016. "Ours will emphasize the value of collaborative, interdisciplinary, translational research, which is the direction more funders are looking," said Dr. Chiodo. "With the new building enabling us to daily rub elbows with other disciplines, I think we will be well-situated to pursue those kinds of broader research projects."

Dozens of student research posters were on display in room 520 on Research Day and for the first time, all of the projects were *(continued, right column)*

dental related, said **David Morton**, Ph.D., professor of integrative biosciences and associate dean of research. Dental students with posters in the Research Day competition each presented their project to one of four judges. Best Pre-doctoral Poster was a tie between third-year dental student **Jarid Burley** and first-year dental student **Farielle Houran** (and team), and Best Resident Poster went to first-year endodontology resident **Katie Burley**, D.M.D. '08, R.D.H. '02 (see story below).

"OHSU has risen to a new level of scientific credibility," said **John Peterson**, D.D.S., professor of pediatric dentistry, who was one of the judges. "I'm very proud of all of you." *(continued on page four)*

### Noon Barbecue Today!

The pediatric dentistry department is raising funds for the dental care of low-income children with its annual barbecue at noon today outside the pre-doctoral clinic entrance. Donations are encouraged!

## Resident Takes First Nationally for Research

First-year endodontology resident **Katie Burley**, D.M.D. '08, R.D.H. '02, was awarded first place in the research poster competition at the 2012 American Association of Endodontists Annual Session in April in Boston. Katie's research is titled, "*Do Enterococcus faecalis Isolates Recovered from Root Canal, Oral and Hospital Sources Differ in Occurrence of the Prokaryotic Immune System CRISPR1-cas?*" Katie's mentor is **Christine Sedgley**, M.D.S., M.D.Sc., F.R.A.C.D.S., M.R.A.C.D.S. (Endo), Ph.D., OHSU chair of endontology. For her efforts, Katie won \$1,000.



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## John Engle, D.D.S. Named Pediatric Dentistry Chair

It's not uncommon to hear **John Engle**, D.D.S., Pediatric Dentistry '75, whistling or singing as he walks down the School hallways.

"There's something unique about people who elect to work with children," said the preternaturally happy assistant professor and new chair of pediatric dentistry. "You park your ego at the door. I've been told when my hair is messy and when I have a poppy seed in my teeth. Children are very direct and that's what's neat about working with them.



"You can't have a bad day in a children's practice," added Dr. Engle. "You always have to be on and a little lighter than with adults. Every day is another chance to laugh."

But beyond the Donald Duck impressions and Dr. Engle-isms, there is a serious side to the shtick.

"He's a hard-working guy," said **Richard Grabowsky**, D.D.S., assistant professor of pediatric dentistry. "He's always here. He takes care of problems and he cares about what's going on. It makes my day better when he's in the clinic and I'm glad he's going to be leading the department."

Dr. Engle grew up in southern California outside of Los Angeles and he attended Chico State College. His mother recently showed him a picture he drew in third grade of a dentist's chair and he admits to a lifelong fear of the dentist.

"I can relate to the kids who come into our clinic," he said. "I don't really know exactly what led me to dentistry, but I had terrible experiences with the dentist as a kid and I had a lot of treatment needs and not a lot of income to take care of those needs."

In 1972, Dr. Engle received his doctor of dental science from UCLA School of Dentistry, and then a pediatric dentistry certificate from OHSU School of Dentistry in 1975. He studied dental materials for three years with longtime Professor of Restorative Dentistry **David Mahler**, Ph.D., and is a thesis shy of his master's degree.

After graduation from OHSU, Dr. Engle attended auto shop courses at Portland Community College and even worked with a local race car driver before opening a private pediatric practice in Oregon City. In 1976, he joined the surgical staff of Willamette Falls Hospital and was on the part-time faculty at the dental school.

Over the years, Dr. Engle's practice grew. He earned the Award of Excellence from the American Society of Dentistry for Children, the Award of Merit from the Southern California Society of Dentistry for Children, and Fellowship in the Academy of Dental Materials. *(continued on page seven)*

## Published Studies from Endo

Demineralized and mineralized bone graft materials appear to have a differential effect on the micro-hardness of white mineral trioxide aggregate, a material used for retrograde filling in apicoectomy procedures, according to a new OHSU study published last month in the *Journal of Endodontology* (<http://www.ncbi.nlm.nih.gov/pubmed/22515907>).

The study was led by second-year endodontology resident **Erick Sato**, D.D.S.; **Timothy Svec**, D.D.S., M.S., associate professor and director of advanced education in endodontology; **Brian Whitten**, D.D.S., assistant professor and pre-doctoral program director of endodontology; and **Christine Sedgley**, M.D.S., M.D.Sc., F.R.A.C.D.S., M.R.A.C.D.S. (ENDO), Ph.D., associate professor and chair of endodontology.

Last year, there were several additional *Journal of Endodontology*-published studies from OHSU School of Dentistry department of endodontology researchers, including:

\*"Apical Extrusion of Sodium Hypochlorite using Different Root Canal Irrigation Systems," (<http://www.ncbi.nlm.nih.gov/pubmed/22099904>);

"Antibacterial Activity of Endosequence Root Repair Material and Proroot MTA Against Clinical Isolates of *Enterococcus faecalis*," (<http://www.ncbi.nlm.nih.gov/pubmed/22000459>);

"Comparison of intracanal EndoSequence Root Repair Material and ProRoot MTA to induce pH changes in simulated root resorption defects over 4 weeks in matched pairs of human teeth," (<http://www.ncbi.nlm.nih.gov/pubmed/21419298>);

and "Effects of intracanal mineral trioxide aggregate and calcium hydroxide during four  
(continued on page five)

## PeopleMovers

\***Mark Engelstad**, D.D.S., M.D., M.H.I., associate professor of oral and maxillofacial surgery (OMFS) and health informatics, became the School's new OMFS residency program director, effective May 16. "My goal is to maintain the high educational standards established by our previous program director, **Dr. [Leon] Assael**," he said. "I'd like to continue improving the core OMFS curriculum offered throughout the year. I'd also like to eventually change the overall scheduling of our curriculum to make seminars, lectures, and conferences readily accessible and available to dental students and OMFS in the community." For more on Dr. Engelstad, see the November 2011 *Dental Bites* (<http://www.ohsu.edu/xd/education/schools/school-of-dentistry/about/upload/november2011.pdf>)

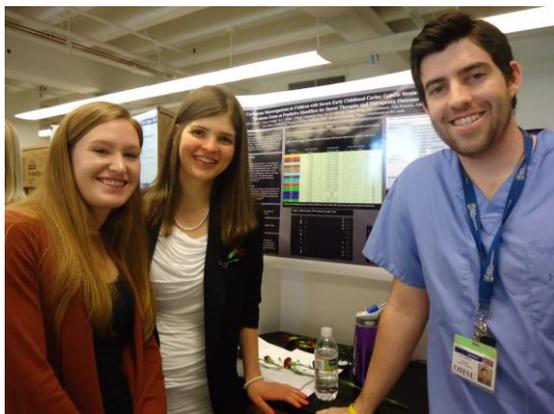


\***Jan Klinefelter**, finance and building manager, is retiring June 30. Jan will continue working for a few months this summer and then will spend her newfound time visiting grandchildren, working in the garden, bird watching, and traveling. To help smooth the transition from Jan to a new finance person, **Elizabeth Holman**, a finance and project manager in the Student Health Service clinic who has been with OHSU for 27 years, has joined the School part-time.

## School Calendar

<b>June 2</b>	Welcome to the Alumni Association Dinner for the Class of 2012, 6 p.m., Beadnell residence
<b>June 15</b>	Commencement, 10 a.m., Arlene Schnitzer Concert Hall
<b>June 22</b>	End of 12-week spring term

## Research Day *(continued from page one)*



First-year dental student Farielle Houran (second from left) with the Best Pre-doctoral Poster, "Cariogenic Microorganisms in Children with Severe Early Childhood Caries: Genetic Strains and Virulence Genes as Predictive Identifiers for Dental Therapies and Therapeutic Outcome," with equal contributors first-year dental student Casey Caraher (left) and K.C. Gilbert. (Photo Sydney Clevenger)

Every Oregon Dental Conference weekend, the Oregon Dental Association (ODA) and Dentsply sponsor a Student Table Clinic competition and winners of the Table Clinic were announced on Research Day. They include:

**First place:** Second-year dental student **Nate Risley**. (\$500 from the ODA and all expenses paid to present at the American Dental Association conference in San Francisco this fall);

**Second place:** Second-year dental student **JJ Ooi**. (\$500 from the ODA);

**Third place:** First-year dental student **Margaret Campbell**. (\$500 from the ODA);

**Fourth place:** Second-year dental student **Denise Gates**. (\$200 from the Alumni Association);

**Fifth place:** First-year dental student **Lauryn Marks**. (\$150 from the Dean's Office);

*(continued, right column)*

## Welcome, New Residents

Eighteen dentists are joining OHSU School of Dentistry next month to begin advanced specialty education programs:

*(Endodontology)*

**Alyson Barnes**, D.D.S.

**Stan Lin**, D.D.S.

**Khuyen Nguyen**, D.M.D. `09 (fellow)

**Ty Vaughn**, D.D.S.

*(Oral and Maxillofacial Surgery)*

**Amir Azari**, D.M.D.

**Paul Buck**, D.D.S.

**Christopher Kyles**, D.M.D. `12

*(Orthodontics)*

**Patra Alatsis**, D.M.D.

**Vanessa Browne**, D.D.S.

**Brandon Knapp**, D.D.S.

**Sheila Luwiharto**, D.D.S.

*(Pediatric Dentistry)*

**Kendra Flann**, D.M.D. `12

**Jenette Intrachat**, D.D.S.

**Brian Jochim**, D.M.D.

**William Moore**, D.M.D.

**Jordan Priestley**, D.D.S.

*(Periodontology)*

**Mahad Nassiri Semnani**, D.D.S.

**Cynthia Scheines**, D.D.S.

**James Yoon**, D.M.D.

## Research Day *(continued from left)*

**Sixth place:** Second-year dental student **Erica Robinson** (\$100 from the Alumni Association);

**Seventh place:** Second-year dental student **Annie Zhu**. (\$50 from the Dean's Office).

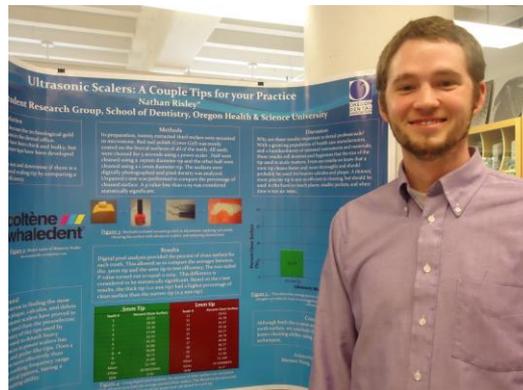
Professor of Biomaterials and Biomechanics **John Mitchell**, Ph.D., announced on Research Day that second-year dental **Kelly Sayre** *(continued on page five)*

## Research Day *(continued from page four)*

has been elected secretary of the AADR (American Association for Dental Research)'s National Student Research Group.

"This is the first time anyone from OHSU has ever ventured onto this particular national stage," said Dr. Mitchell.

Dr. Mitchell was the keynote speaker for Research Day and presented, "*Student Research and Bioactive Glass-based Tissue Engineering.*" Dr. Mitchell was profiled in the Spring 2010 *Caementum* ([http://www.ohsu.edu/xd/education/schools/school-of-dentistry/alumni/upload/2010-Spring-Caementum\\_FINAL.pdf](http://www.ohsu.edu/xd/education/schools/school-of-dentistry/alumni/upload/2010-Spring-Caementum_FINAL.pdf)). Look for more details on his exciting research in an upcoming *Dental Bites*.



Second-year dental student Nate Risley won the annual Student Table Clinic competition with his project, "Ultrasonic Scalers: A Couple Tips for Your Practice." (Photo Sydney Clevenger)

The Dean's Office continued its tradition of providing summer research fellowships to dental students and, this year, it was decided unanimously that all four applicants would be funded. Receiving summer fellowships are: third-year dental student **Amy Trevor**; second-year dental student **Traci Saito**; and first-year dental students **Farielle Houran** and **Andrew Sloan**.

## DS4 Scholarships



Five fourth-year dental students pursuing advanced specialty programs after graduation received \$500 awards from Permanente Dental Associates last month. Receiving awards from Felix Lee, D.M.D. '00 (left) and Interim Dean Gary Chiodo, D.M.D. '78, F.A.C.D. (fourth from left) were (from left to right) P. David Hardman, Luke Dohman, Kathleen Rock, Y. Charlie Muraki, and Kendra Flann (Photo Jenna Wilkinson)

## Endo Research *(continued from page three)*

*weeks on pH changes in simulated root surface resorption defects: an in vitro study using matched pairs of human teeth,"*  
(<http://www.ncbi.nlm.nih.gov/pubmed/21146074>).

These publications were authored by a combination of endodontology and School alumni: **Ross Mitchell**, D.M.D. '07, Endo '11; **Karen Lovato** D.D.S., Endo '11; **Stephen Hansen**, D.M.D. '07, Endo '10; **Sarah Heward**, D.M.D. '00, Endo '10; former endodontology department chair **Craig Baumgartner**, D.D.S., Ph.D.; associate professor of endodontology **J. Gordon Marshall**, D.M.D. '79; and Dr. Sedgley.

## Submit Your Ideas for *Dental Bites*

*Dental Bites* is published the first of every month. If you have a story idea or a photo, please contact Sydney Clevenger, [clevenge@ohsu.edu](mailto:clevenge@ohsu.edu) by the 25<sup>th</sup> of the month prior to publication.

## OHSU Volunteer Awards

The School of Dentistry was recognized at the May 17 OHSU Student Volunteer Recognition and Awards Ceremony, now in its seventh year. Out of 35 nominees, **Christine Sedgley**, B.D.S., M.D.Sc., M.D.S., F.R.A.C.D.S., M.R.A.C.D.S., Ph.D., chair of endodontology, won the Faculty Award. Out of 19 nominees, second-year dental student **Michelle Nguyen** was first runner-up for the Volunteer of the Year Award. Fourth-year dental student **Jesse Hollander** emceed the event, in his capacity as All-Hill Student Council President. A trio of second-year dental students (below) was invited to play classical music prior to the ceremony, their second year of being the main entertainment for the



evening. The dental school musicians, photographed by **Mark Mitchell**, associate dean for student affairs, included (from left to right)

**Joseph Kelly, Noor Khaki, and Tyson Gunderson.**

## OHSU on Issues

Want to find out the breadth of issues that are affecting OHSU? A new series, "The Next Five Years," is now available on *Staff News* (<http://ozone.ohsu.edu/blogs/staffnews/2012/05/15/ohsu-in-the-next-five-years-first-in-a-series/>). For those without access to a computer, hard copies are available in the Dean's Office, the Student Learning Center, and the second floor cafeteria.

## New Building Update

Construction on the new building is going fast. Contractors in mid-May were completing the final slab pours on level one and shoring up level two to begin pours there. The School of Dentistry lobby has been poured, as well as the floor for the School's classrooms, student locker rooms and logistics space, said **Lauren Gallagher**, OHSU construction project coordinator.



In mid-May, Dean Emeritus **Jack Clinton**, D.M.D. '64, and **E.H. "Chip" Laizure**, JE Dunn vice president, began hosting walk-throughs of the construction site with key donors. "This is a good size project for us," said Chip. "It's a nice project to have, but quite challenging because it is very fast-moving and needs to be built cost-effectively. Our job is to get the project done and keep it on budget."

The concrete base shown in the above photo is actually the ceiling of the underground parking. The foundation for the building site has been raised by 17 feet with special construction, foam blocks, and dirt. "The soil underneath the site was contaminated because we are building on an old shipyard dismantling site," said Chip, whose 90-year-old company also built the Rose Garden and Convention Center. "Rather than go down, we went up, which alleviates any health risks."

Another little-known fact about the new building is that several of the smaller *(continued on page seven)*

## New Building *(continued from page six)*

roofs on the OHSU/OUS Collaborative Life Sciences Building (CLSB) will be green spaces. In addition, Chip noted that the building is on track to obtain LEED (Leadership in Energy and Environmental Design) Platinum certification. LEED is a ratings system for the design, construction, and operation of high-performance green buildings, homes, and neighborhoods, and Platinum is the highest rating a building can receive.

"I think you'll be excited and impressed when the building is finished," said Chip.



*Dean Emeritus Jack Clinton, D.M.D. '64 (right) and E.H. "Chip" Laizure, JE Dunn Construction vice president (back left), show Gene (D.M.D. '68; middle left) and Bonnie (front left) Skourtes, and their son, Nick, the soon-to-be patient reception center in the new building. "This whole area is reception?!" said Bonnie. "How nice!" (Photo Sydney Clevenger)*

Meantime, a model operator from A-dec, Inc., for the new building that was to be installed in the pre-doctoral clinic's bay seven, remains on a truck until the same flooring that will be used for the new building is placed, said Dr. Clinton. "The previous operatories have been removed and new building flooring will be installed for the model," he said.

## Dr. Engle *(continued from page two)*

In 2006, Dr. Engle joined the OHSU faculty full-time as an assistant professor. He became director of the pre-doctoral curriculum for pediatric dentistry a year later and was then asked to become interim chair from 2009 to 2010.

"We are in a tremendously transitional time in the pediatric dentistry department," said Dr. Engle, who retired from private practice last year. "We not only have the challenge of leadership transitions at every level, but we are also planning for a new physical plant.

"I'm really excited to take on these challenges since I've been involved with them for a while," he said. "Our department has grown like topsy over the last few years with expanded programs, additional residents, more operating room time, and everyone has kicked in and made it happen.

"Now it is time to regroup and continue to solidify that expansion," said Dr. Engle. "We have a great group of people from faculty down to support staff. One of the things I like about our department is that we have our own clinical space, so are able to develop more personal relationships with our students and residents and really get to know them as people."

Dr. Engle and his wife, **Shelley**, who works in student affairs at the School of Medicine, live in west Portland. Their son, **Gregory**, was recently married. Dr. Engle enjoys furniture building, writing poems, riding his jet ski, and older cars (he owns a 1961 Nash Metropolitan and a 1970 Porsche).

"Life is like a hockey game, with three halves," said Dr. Engle. "I'm not sure I'm at the third half yet."