



New Building Update

The planning for the School's new building continues. Faculty and staff were treated to a planning and construction update by Dean Jack Clinton, D.M.D. '64, on March 8.

"The programs and financials look good and we are moving forward," said Dean Clinton. "Now there is a sense of urgency in securing some major funding commitments. Our first major report on fundraising for the new building is due in 90 days." (continued on page seven)

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Students Win Big Research Awards

This is the time of year for new student research grants and OHSU School of Dentistry students once again proved their ability at obtaining competitively awarded funding.

In mid-March, two dental students received prestigious AADR (American Association for Dental Research) Fellowships. Only 19 United States dental students received AADR fellowships this year, said **John Mitchell**, associate professor of biomaterials and biomechanics.



Denise Gates

First-year dental student **Denise Gates** will study, "Minimal Bacterial Lesion Dimensions on Molars as Detected by DIAGNOdent (KaVO) and Midwest Caries ID (Dentsply) Technologies," with **Jack Ferracane**, Ph.D., professor and chair of restorative dentistry.

(continued, right column)

First-year dental student **Tian (Annie) Zhu** will study "Molecular Mechanisms of BDNF Upregulation In Trigeminal Inflammation" under the guidance of **Agnieszka Balkowiec**, M.D., Ph.D., associate professor of integrative biosciences.



Tian (Annie) Zhu

Denise and Annie each received a \$2,100 stipend and \$300 for supplies with \$600 upon completion of research and presentation at the AADR.

Summer research awards also were announced in March. Receiving a short-term (12-week) OSLE (Oregon Students Learn and Experience Research) award is first-year dental students **Jia (JJ) Ooi**. J.J. will study with **Curtis Machida**, Ph.D., professor of (continued on page five)

DS4 Wins William Howard Competition

Fourth-year dental student **Phil Getsinger**, presenting a patient case with a mix of operative and prosthodontics principles, won the 2011 William Howard Competition last month. Phil received a check for \$1,000 from **Scott Hansen**, D.M.D. '87, F.A.G.D., president of the Oregon Academy of General Dentistry (OAGD), and **Michael Carlascio**, D.M.D. '81, assistant professor of restorative dentistry, for his efforts at the March 11 OAGD event which featured three finalists from an initial pool of 12. Phil was mentored by **John Lee**, D.D.S., assistant professor of restorative dentistry, and **Eric Anderson**, D.M.D. '05, assistant professor of clinic administration.

Phil has been invited by the Washington State Dental Association to present his case at the Pacific Dental Conference in June. After graduation that same month, Phil will head to Medford to practice at a public health clinic (continued on page seven)

Staff Profile: Connie-Marie Sanders

Connie-Marie Sanders makes no bones about the greatness of the oral pathology department. "We have the best office in the School!" she said. "I think you have to be proud of your work and confident in the people you work with.



Our three pathologists (**Jim Kratochvil III**, D.D.S., oral pathology and radiology chair; **Jeffery Stewart**, D.D.S., M.S., associate professor of pathology; and **Cynthia Kleinegger**, D.D.S., M.S., associate professor of pathology) have different personalities from one another, but they all put patient care first. That makes me feel good."

Connie-Marie (named after a grandfather and a grandmother) came to OHSU in mid-2000 as a temp to do an audit for the Hospital's anesthesiology department. After also doing a stint in the anesthesiology department's pain clinic, she was placed temporarily at Casey Eye. The CDRC (Child Development and Rehabilitation Center) was next on her plate when the dental school called with a need for an administrative temp in oral pathology.

"So I came up here to help out," she said. "Then Dr. Kratochvil was called away because of family illness so I stayed on." One thing led to another, said Connie-Marie and "I've been here ever since!"

Connie-Marie grew up in The Dalles and attended Marylhurst College and Portland State University. With the exception of a few years, she's been working in the health arena since 1972. Selling and underwriting health insurance; billing health claims for specialties offices such as cardiology, pulmonology, oncology; admitting for an emergency department; and various administration work for hospitals are just a few of the jobs she has undertaken.

Currently, Connie-Marie sits at the front desk of the fifth floor oral pathology office, taking phone calls, answering dental student questions, and providing directions for patients on their way to and from appointments. In addition to her regular administrative coordinator duties, she also helps with the School's more than 60-year-old Biopsy Service.

Along with teaching, Drs. Kratochvil, Stewart, and Kleinegger participate in the Diagnostic Laboratory Biopsy Service. "Oral biopsy and cytology kits are mailed out to dentists and oral surgeons in order for them to take specimens from their patients. Then the specimens are returned here for analysis by our pathologists," said Connie-Marie. Daily, anywhere from 5 to 40 cases are received, logged in, and assigned to the pathologist of the day by **Linda Carson**. Linda, who works five half days a week, also transcribes and returns the resulting biopsy reports. The cycle begins again as Connie-Marie recycles the boxes and makes up new kits to send back to the contributing doctors.

About 3,500 specimens are analyzed annually through the School's Biopsy Service. "Our pathologists are tops in the country," said Connie-Marie. "They are highly respected specialists and because of that we receive specimens from Maine to Alaska and all places in between."

Recycling is close to Connie-Marie's heart. Along with **Jenna Wilkinson** from the School's admissions office, Connie-Marie initiated a Green Team at the School a few years ago *(continued on page six)*

11 Students at ASDA

OHSU School of Dentistry had strong representation at the recent American Student Dental Association (ASDA) meeting in Anaheim. Eleven dental students attended the March 2 to 6 meeting including first-years **Erica Robinson** and **Noor Khaki**; second-years **Trevor Frideres**, **Jennifer Snarskis**, **Dan Walsh**, **Alexander Ness**, **Stephanie Nicola**, and **Markus Bateman**; and third-years **Phil Han** (who was presenting; see the March *Dental Bites* for more information) **Evan Kania**, and **Vijay Patel**.



OHSU dental students in Anaheim. (Photo courtesy Stephanie Nicola)

Second-year dental student **Jenna Painter** was named ASDA Delegate of the Year. As Jenna was unable to attend to pick up her award in person, Trevor accepted it on her behalf. Congratulations!

Submit Your Ideas to Dental Bites
If you have a story idea or a photo for Dental Bites, please contact Sydney Clevenger, clevenger@ohsu.edu by the 25th of the month prior to publication.

School Calendar

April 4	Start of 12-week spring term
April 7 to 9	Oregon Dental Conference
April 9	Alumni Association Annual Meeting and Awards Luncheon
April 22	Research Day, noon, Room 520/525
May 2	Robert G. Gootee/ODS Companies Lecture, 3 p.m., OHSU Auditorium
May 21	Golf tournament sponsored by the Class of 2012, The Reserve Vineyard and Golf Club
May 30	Memorial Day (School holiday)
June 4	Welcome to the Alumni Association DS4 reception
June 17	Commencement 2011

Student Apprentices Win Award

Several high school students working in the lab of **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics, have recently won prizes in local science fairs. In February, Sunset High School Junior **Sara Hays** won first place in the Medicine and Health Sciences category of the Beaverton School District Science Fair for her project, "Improved Root Canal Therapy: Is There a Synergistic Effect When Bioactive Glass and Chlorhexidine Are Combined?" as well as "Best of Fair" in all categories. Dr. Mitchell said Sara began working with him on her project last summer as an apprentice through the Apprenticeships in Science and Engineering (ASE) program and she has been coming to the lab regularly since school started in the fall. Meantime, David Douglas High School Senior **Valeria Ursu** won first place in March at the Portland Public Schools Science Fair for her project, "Improved Dental Sealants that Eliminate Tooth Decay and Cavity Causing Bacteria by Combining Chlorhexadine with Bioactive Glass." Valeria now advances to the Northwest Science Expo, the regional science fair.

Scenes from Give Kids a Smile day on February 25



Give Kids a Smile bay leaders (yellow shirts) and organizers (white shirts) get ready for the arrival of about 170 young people from various Portland-area schools.



Here they come! Dean Jack Clinton, D.M.D. '64 (left) was on hand to greet each child arriving at the dental school for oral care.



The young people were ushered to the pre-doctoral clinic in groups.



Each bridge group was kept busy with nearly every chair occupied. Shown here is the St. Johns bridge group at work.

To view more Give Kids a Smile photos, go to www.ohsu.edu/sod and click on Alumni. Scroll down to the alumni photo album and click on View Our Photos. All photos on this page are by Steve Frick, Medical Photography.



A happy customer!

Research News from the Machida Lab

A number of dental students and faculty who work in the lab of **Curt Machida**, Ph.D., professor of integrative biosciences, attended the International Association of Dental Research (IADR) general session in San Diego in mid-March. They included third-year dental students **Alex Vo** and **Chris Kyles**; second-year dental students **Iraj Kasimi**, **Amy Trevor**, and **Jill Pollard**; and **Elizabeth Palmer**, D.M.D. '08, Pedro '10, assistant professor of pediatric dentistry.

The group presented two posters. The first, "Acidogenic Mutans Streptococci Strains Persist One-Year Post-Caries Restorative Therapy," also was co-authored by second-year dental students **Tyler Schaffeld** and **Rachel Shear**; **Samyia Chaudry**, integrative biosciences student assistant; **Patty Peirano**, first-year pediatric dentistry resident; **John Engle**, D.D.S., assistant professor of pediatric dentistry; **John Peterson**, D.D.S., professor of pediatric dentistry; and **Tom Maier**, Ph.D., assistant professor of integrative biosciences and oral pathology and radiology. The second poster, "Differential Growth Inhibition by Xylitol on Mutans Streptococci Genetic Strains" was co-authored by **Shelby Hiles**, D.D.S., second-year pediatric dentistry resident; **Tyler Lundquist**, student assistant in integrative biosciences; second-year dental students **Micah Crowley**, **Matthew McArthur**, and **Daniel Roberts**; and **Michael Leo**, Ph.D., adjunct assistant professor of integrative biosciences and assistant professor of nursing.

The five dental students from the Machida lab who attended IADR also have co-authored a book chapter that is in press and expected to be released in June. The chapter is titled, "ATP-Driven Bioluminescence: Microbiological Detection and Quantification Used for the Assessment of Oral Health and Dental Caries Risk."

Several visiting endodontists and dental student researchers are either here or on their way soon: **Fernanda Signoretti**, D.D.S., M.S., Endo, arrived in January from Brazil and will be at the School through June working with Dr. Machida and **Christine Sedgley**, M.D.S., M.D.Sc., F.R.A.D.C.S., M.R.A.D.C.S. (Endo), chair of endodontology, and **Brandi Molina**, a second-year dental student from the Arizona School of Dentistry, is coming in June and July. Both will be working on a herpesvirus project, said Dr. Machida.

Dental Student Research Awards *(continued from page one)*

integrative biosciences, and receives \$5,000. J.J. will be studying "Differential Attachment of Mutans Streptococci Genetic Strains to Restorative Materials Used in Crowns in Pediatric Dental Patients."

First-year dental student **Tristan Wong** won an OCTRI (Oregon Clinical and Translational Research) award for his project "Carcinogenic Mutans Streptococci Genetic Strains Persisting After One-Year Post-Caries Restorative Therapy: Characterization of Acid-Tolerant Properties," receiving a \$3,000 stipend. Tristan is also working with Dr. Machida.

Connie-Marie Profile *(continued from page two)*

to tackle environmental issues. Her bulletin boards in the fifth floor hallway are legendary for their creativity. In March, for example, giant grasshoppers on paper springs highlighted the need to move clocks ahead one hour. Featured currently is a display about the upcoming OHSU Earth Day events (see story, at right). Connie-Marie urges everyone to stop by!

And then there is her love for Snoopy. "At one point, while working in California, I was a party planner at an RV Resort Park in Palm Springs," said Connie-Marie. "I did the newsletter and took care of the bulletin boards and I noticed when I was looking for art that Snoopy always happened to be in the right attire for the holidays and events I was announcing. Snoopy often seemed to be prominently featured via a card or poster or stuffed critter.

"So people started associating me with Snoopy and they began bringing me Snoopy gifts. I now have my own Snoopy room at home" filled with Snoopy ornaments, skateboards, dishes and umbrellas ... and more.

Connie-Marie is actively involved with the Oregon Dental Executive Association (ODEA) and sits on its Education Committee. In February, Connie-Marie collaborated with **Debbie Reaume** from the School's continuing education department, organizing an ODEA/OHSU co-sponsored seminar on how to bill medical insurances for medical procedures conducted in a dental office. More than 100 dentists and dental staff from five western states attended the highly successful event, she said.

Connie's first husband died in 1995. In 1998, she married **Chuck Sanders**. *(continued, right column)*

Gift for Community Dentistry

The family of **Robert Beauchamp**, D.M.D. '39, recently pledged \$1 million to the School of Dentistry to establish the Dr. Robert Beauchamp Professorship in Community Dentistry. The first installment of the gift, made through Beauchamp Charities, will support the department of community dentistry's outreach program, now required as part of the curriculum for all dental graduates.

Dr. Beauchamp was inspired by the work of his father, **Curtis "Doc" Beauchamp**, D.D.S. who bucked the professional conventions of his day to serve patients in Los Angeles regardless of their race or financial circumstances.

OHSU Earth Day Activities

There are a number of activities planned at OHSU April 18 to 22 to celebrate Earth Day, everything from a green building tour to a plant sale to ivy pulling. Many of the events require or encourage an RSVP so early planning is encouraged. Go to <http://ozone.ohsu.edu/calendar/#/?i=2> for more details and/or stop by the fifth floor and check out **Connie-Marie Sander's** bulletin board display outside the oral pathology and radiology office.

Connie-Marie Profile *(continued from left)*

They live in the Parkrose-area of Portland. Missing their three German Shepherds that passed away during 2010, they just adopted a "very cute" three-year-old Jack Russell Terrier. "A shelter dog, with a vision deficit, Ms. Jacqueline Russell Sanders, 'Jackie R' to her friends, has settled in nicely," said Connie-Marie.

Connie greatly enjoys cooking and always looks forward to the school potlucks, "I love the School," said Connie-Marie. "It is family."

William Howard *(continued from page one)*

He is married to **Melissa** and they have a one-year-old daughter. Phil enjoys hunting, golfing, backpacking, and camping.

Fourth-year dental student **Trace Baxter** placed second in the annual competition and third-year dental student **Patrick Corning** was third.



Fourth-year dental student Phil Getsinger (third from left) won the 2011 William Howard competition in March. Fourth-year dental student Trace Baxter (left) was second and third-year dental student Patrick Corning (second from left) was third. Michael Carlascio, D.M.D. '81, who organizes the annual event with the Oregon Academy of General Dentistry, is at right. (Photo courtesy Dr. Carlascio)

Guest speaker at the OAGD event was **Jack Ferracane**, Ph.D., professor and chair of restorative dentistry, whose lecture was "When State of the Art Becomes Standard of Care." Dr. Ferracane also discussed a variety of dental materials including amalgam, ceramics, adhesives, resin composite, and glass ionomer. Dr. Ferracane graciously donated his \$5,000 honorarium to the School's restorative dentistry department.

School group leaders encouraged their dental students to compete in the William Howard competition. The Sellwood and St. John's bridge groups tied for most student participants and will share the Howard Trophy for 2011.

New Building Update *(continued from*

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Dr. Clinton told the 100 School employees in attendance about some of the educational improvements, additions, and changes included in the new building planning. First, there will be a class size increase that will be 15 dental students per class (bringing each entering class to 90). Also proposed is the establishment of a one-year AEGD (Advanced Education in General Dentistry) program of six residents. A third priority is increasing the class size of all graduate residency programs.

"With the added space, we also plan to add an instrument management system for all our dental clinics with the school owning and managing the patient care instruments," he said. "For the first time in the history of the dental school, students will not be required to buy most of the more than \$25,000 student issue, which is a huge change!"

A larger pre-doctoral clinic in the new building will enable the School to build and enhance the group practice structure. Dental assistants, the first of whom are currently being interviewed and hired, will be assigned and integrated into each group practice.

"As we move forward, everyone's ideas and contributions will be essential in making our new building a reality," said Dr. Clinton. "It has been 55 years since we've had a new dental school building and I am extremely excited and anxious to create the next level of detail and to engage all of our wonderful alumni and friends as we embark on the kind of momentous adventure that usually only happens once in a lifetime."

Dr. Clinton said he expects to have new details to share at the April 9 Alumni Association Annual Meeting and Awards Luncheon.

Softball Tournament May 14

Donations are now being accepted for the second annual Robert Quinton-Cox Memorial Softball Tournament, scheduled for May 14. The tournament, which will honor **Hiroshi Ueno**, D.D.S., is open to all students, residents, and interested faculty. Dr. Ueno was a longtime professor of fixed prosthodontics at the School. He had high standards and was nicknamed "Dr. Do-Over." Dr. Ueno died in 1995.

The first donation for the memorial tournament was from **Brian Holmes**, D.M.D. '92, and his wife, **Tamora**, who traveled from Florence, Ore., in early March to donate a new glazing oven, worth \$4,800 to the School's Cerec program, headed by **Michael Taylor**, D.M.D., assistant professor of restorative dentistry. The Holmes' made the donation in honor of Dr. Holmes' father, **Dale**.

After the softball tournament, an after party is scheduled at The Buffalo Gap Saloon and Eatery, one of Dr. Quinton-Cox's favorite hang-outs outside of the School of Dentistry, said organizer **Philip Quinton-Cox**. Ultimately, Philip hopes any proceeds from the tournament will go toward dental student scholarships.

To sign up or make a donation for the tournament, contact **Jed Taucher**, taucherj@ohsu.edu.

DS4 Wins 15K Race

Fourth-year dental student **Amanda Rice** ran her way to victory at the recent Shamrock Run in Portland. Amanda placed first amongst the women in the 15K March 13 race that started downtown, headed south on Terwilliger, and then back down Barbur Blvd. About 3,100 women participated in the Shamrock Run. Amanda also beat 2,550 of the men (98 percent) participating. Congratulations!

ASDA Hosts Mock Interviews

The School's American Student Dental Association (ASDA) recently hosted its third mock interview event for pre-dental students, said second-year dental student and ASDA President **Trevor Frideres**. The Dec. 8 event drew 23 pre-doctoral students attending universities throughout Oregon. There were 38 dental school volunteers, including associate dean for student affairs **Mark Mitchell**.

First-year dental student **Tristan Wong** highlighted key points in filling out the American Dental Schools Application Service form to dental school. Additional dental students from the classes 2012 to 2014 also offered their personal experiences.

Second-year dental student **Taylor Diggs** and first-year dental student **Annie Zhu** talked about what students should expect at interviews, what to wear, common communication mistakes, and answered questions. Then each pre-dental student had the opportunity to participate in at least two one-on-one mock interviews. Some pre-doctoral students brought their personal statements so dental student volunteers could read them and give feedback.

"Overall, it was a great experience and there seemed to be positive feedback when asking the students if the presentation was helpful," said Trevor.

New Faculty

Joseph Safirstein, D.D.S., has joined the School as an adjunct assistant professor of orthodontics. Dr. Safirstein has been on the OHSU affiliate (volunteer) faculty since 2006. He is in private practice in Northeast Portland.