



**ODS
Scholars
Selected**
Five fourth-year dental students recently were selected as ODS Scholars, receiving \$20,000 each to offset the rising cost of tuition. Receiving the application-based scholarships were **Tim Carpenter, Katie Marsh, Jacob Morrow, Marisa Sonerholm, and Kyle Thames.** "I am so excited to be an ODS Scholar," said Kyle. "This is an amazing honor to be one of the first recipients of this award. I am extremely
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DS2 Wins Prestigious National Award

Second-year dental student **Kyle Malloy** recently notched another research success, winning a prestigious clinical research award at a national competition featuring dental students from across the country and Canada.

Kyle received "Most Outstanding Presentation" in clinical research at the Hinman Student Research Symposium, one of three such awards nationally. The Hinman Student Research Symposium was held in late October in Memphis, Tenn., with 86 dental and graduate students competing, representing 47 dental schools in 29 states, the District of Columbia, and three Canadian provinces.

Kyle's winning project compared the surface roughness of ceramic crowns machined in the dental office with either new diamond burs or burs that had previously been used to machine crowns. **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics, was Kyle's mentor.

The Hinman Student Research Symposium is sponsored by the University of Tennessee College of Dentistry and co-sponsored by the Hinman Dental Society.

"Kyle is an excellent example of the School's burgeoning dental student research arm, particularly clinical research," said Dean **Jack Clinton**, D.M.D. '64. "We are so proud."



Second-year dental student Kyle Malloy (third from left) received a "Most Outstanding Presentation" award from University of Tennessee College of Dentistry Dean Timothy Hottel, D.D.S., M.S., M.B.A. (left), Brian Carpenter, D.D.S., Hinman Dental Society President (second from left), and Franklin Garcia-Godoy, D.D.S., M.S., senior executive associate dean for research at the University of Tennessee College of Dentistry. (Photo courtesy University of Tennessee)

New NIH Grant

Jack Ferracane, Ph.D., chair of restorative dentistry and division director of biomaterials and biomechanics, is principal investigator, and **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics, is co-investigator on a new National Institutes of Dental and Craniofacial Research (NIDCR) grant. The four-year, \$1.5 million grant has broad implications for increased longevity and service life of dental composite restorations.

The primary reason for replacement of dental composites is further decay of the tooth, said Dr. Ferracane. The new NIDCR-sponsored study will focus on the formation of secondary caries around (continued on page five)

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Staff Profile: Barbara Lewis

Within the span of a half-hour interview, **Barbara Lewis's** to-do list grows tenfold. And, though she keeps a seasonal candy dish, sugar doesn't seem to be the draw.

"May I get a big paper clip?" asks a dental student, sticking his head into Barbara's office on the first floor of the endodontology department. The phone rings twice, a dental student asks about a competency case, an endodontology resident requests dues information, and three faculty stop by with administrative business. Finally, Barbara is asked to troubleshoot staffing in the Urgent Care Clinic.

"I don't know what I do," says the administrative coordinator, who remains unfazed through the multi-interruptions, finally excusing herself after the last request. "I just do what needs to be done and the day goes by."

Barbara was born in Vancouver, Wash., and spent her formative years in Eugene until moving with her family just south of Portland. Barbara attended Oregon City High School and Portland State College (now University) and planned on pursuing a health career like her three siblings (brother **Lewis Blue** is a DMD '61).

"I was pursuing biology because I was going to be a dental hygienist," she said. Instead, Barbara married **Terry** and had two daughters.

In 1994, Barbara began working in the orthodontics department as an assistant. "I had been a part-time orthodontics assistant in the Portland-area for 11 years and I wanted more hours with two children in college," she said. "The department was changing rapidly and there were an increasing number of residents. A big draw was working in a teaching atmosphere."

Six years later, when **Carol White** retired, Barbara moved to the endodontology department to support **Craig Baumgartner**, D.D.S., Ph.D., who retired last year.

With the addition in 2010 of **Christine Sedgley**, M.D.S., M.D.Sc., F.R.A.C.D.S., M.R.A.C.D.S. (Endo), Ph.D. (department chair); **Brian Whitten**, D.D.S. (director of the endodontology graduate program); and **Timothy Svec**, D.D.S., M.S. (graduate residency program director for endodontology), it's been a busy year.

"When I started, I'd been told what a wonderful department it was and it still is," said Barbara. "Everyone is easy to work with and very nice and helpful. I'd never been through changes with upper echelon people and that was something to anticipate, but it's worked out well. Each of the team members brings something new and it's been wonderful to get to know each of them."

When not at OHSU, Barbara enjoys her three grandchildren, particularly their various sports activities, and scrapbooking. With a second home

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Dr. Stewart ODA Speaker



Jeffery Stewart, D.D.S., M.S., associate professor of pathology, was elected Oregon Dental Association (ODA) Speaker of the House at the ODA's September House of Delegates meeting. Dr. Stewart, shown here with outgoing Speaker **Jill Price**, D.M.D. '96, joined OHSU in 1999. The ODA's six top officers for 2010-2011 are affiliated with OHSU.

New Faculty

Robin Cox, R.D.H., is a new periodontology instructor, replacing **Dana Lillie**, R.D.H., (who retired this summer and returned to the faculty part-time). Prior to joining OHSU, Robin was involved in establishing a dental hygiene education program in Portland.

Submit Your Ideas to Dental Bites

If you have a story idea or a photo for Dental Bites, please contact Sydney Clevenger, clevenge@ohsu.edu, prior to the 25th of the month before each scheduled publication.

School Calendar

Dec. 20	Staff Inservice, 8 a.m. to noon
Jan. 3	Start of 12-week winter term
Jan. 17	School holiday (MLK Holiday)
Feb. 21	School holiday (President's Day)
Feb. 25	Give Kids a Smile
March 25	End of 12-week winter term
March 28- April 1	Spring Break

Phonathon Nets \$84,000

During the School's fall phonathon—which included seven nights of calling--the School of Dentistry has so far raised \$84,175 in direct commitments over the phone.

About 30 alumni, faculty, and dental students helped to make calls, including third-year dental student **Trace Baxter**, who volunteered for three nights and secured the largest gift over the phone: \$5,000. **Mike Danilchik**, Ph.D., professor of integrative biosciences, helped make calls for the first time and said, "I usually get a card inviting me to come down to the Foundation to help make calls, but something else always comes up. The dental school has been good to me and this year I was available, so here I am."

OHSU Green News

Jenna Wilkinson from the School's Green Team reports that OHSU has a new sustainable waste management policy that can be viewed at http://ozone.ohsu.edu/policy/pac/chapt_7/7-90-050.htm. Chinook Books for 2011--the coupon books for grocery, dining, travel, entertainment, and dining-- also are now available for purchase. Contact Jenna, wilkinje@ohsu.edu for more information.

News from Dr. Benninger's Lab

Brion Benninger, M.D., assistant professor of integrative biosciences and oral and maxillofacial surgery, and the OHSU student research team he leads, had numerous successes at a recent meeting of the American Association of Clinical Anatomists. Dr. Benninger, four dental students, one medical student, and seven post-baccalaureate research assistants in the integrative biosciences department attended the July meeting in Hawaii.

Sixteen research projects from Dr. Benninger's lab were peer-reviewed and accepted as presentations at the meeting. Eleven students representing the dental and medical schools defended research projects developed in the Benninger lab. The research covered surgical head and neck, thoracic, and lower limb procedures.

School of Dentistry Research Assistant **Taylor Delamarter** won the prestigious Basic Science research award. This is an honor bestowed on one student annually and there were 30 countries competing in 2010.

"All of the OHSU students received compliments and accolades for their professionalism and presentation skills," said Dr. Benninger. "All of the student researchers were invited to submit to various journals from editors attending the conference. In addition to maintaining their everyday academic and clinical commitments at the dental and medical schools, students sacrificed their own time during week days and weekends. I really appreciate all of the students for their commitment."

In addition to Taylor, the OHSU representatives were second-year dental students **Kyle Malloy, Andrew Peterson** *(continued on page five)*

OHSU Child Care Open

OHSU's Healthy Starts Children's Center is now open and accepting enrollments. Employees can learn more about the center by visiting the Healthy Starts information table:

Dec. 8, from 11:30 a.m. to 2:30 p.m. in Mac Hall Café
Dec. 15, from 11:30 to 2:30 p.m., in the Center for Health and Healing lobby.

The center also offers child care for a daily rate, for individuals who have child care and need a backup plan. Go to <http://www.southwaterfront.com/retail/healthy-starts-childrens-center-grand-opening> for more information.

Barbara Lewis *(continued from page two)*

in Seaside (she and Terry live in Gladstone), Barbara is something of a razor clam aficionado and frequently invites "interested residents" to the beach for digging lessons, frying up the take afterwards.

"The School is a great place to work," said Barbara. "I really enjoy the enthusiasm of the students wanting to garner as much knowledge as possible."

Inclement Weather Hotline

With winter fast approaching, here are the numbers to call for information during inclement weather:

OHSU Alert Line (road conditions): (503) 494-9021.

School of Dentistry clinic closure or class cancellation (for dental students, staff, faculty): (503) 494-8565. Please note this is a new number.

Patient information (regarding clinic closures): (503) 494-8867.

Admissions Record

The OHSU School of Dentistry has received a record numbers of applications, for its class of 2015, according to **Mark Mitchell**, M.A., associate dean for student affairs. By Nov. 27, the School had received 1,140 applications (with the possibility of eight more), compared to 1,070 last year, and surpassed the School's all-time high of 1,132 applications in 2008-09. "The pool is up nationally," noted Mark. "But we've also had years where our numbers didn't follow the national trend."

Dr. Benninger's Lab

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and **Ilkyu Lee**; third-year dental student **Jason Schultz** second-year medical student **Ricky Tavangari**; and Research Assistants **Taylor Johnson**, **Alison Burkholder**, **Jessica Kloenne**, **Allen Ross**, **Catherine Lee**, and **Suzanne Shah**.



Students representing OHSU at a recent conference. (Photo courtesy Brion Benninger, M.D.)

Support for Dr. Benninger's team was provided by the Oregon Academy of General Dentists (OAGD), Dean **Jack Clinton**, D.M.D. '64, the Oregon Dental Association (ODA), and the medical and dental school Student Research Groups (SRG's). "We thank the OAGD, ODA, SRG's, and Dr. Clinton for their financial support," said Dr. Benninger.

NIH Grant *(continued from page one)*

dental composite restorations containing a novel bioactive glass in a clinically simulated environment.

The pair will collaborate with **Jay Kruzic**, Ph.D., associate professor and Arthur Hitsman Faculty Scholar in mechanical, industrial, and manufacturing engineering at Oregon State University.

"Our overall goal is to better understand the mechanism of recurring cavity formation in teeth restored with dental composites when they are exposed to oral bacteria and mechanical stress," said Dr. Ferracane. "Further, we intend to show that new dental composite formulations containing novel bioactive glasses can render the restoration more resistant to the negative effects of bacteria in a simulated oral environment."

Dr. Ferracane said that increasing the longevity of restorations could ultimately reduce patient pain and the cost of dental treatment.

Pre-Halloween Fun



Everyone's favorite devil David Hamm, D.M.D. '52, assistant professor of restorative dentistry, borrowed horns from Susan Kay, M.S.P.A., assistant professor of periodontology, and "scared" a few patients in the pre-doctoral clinic the Friday before Halloween. (Photo Dana Lillie, B.S. '78)

OHSU at MOM



Dozens of full- and part-time OHSU School of Dentistry faculty and staff, countless alumni, and an estimated 110 dental students volunteered at the late November Mission of Mercy (MOM) event sponsored by the Oregon Dental Association. MOM, held Nov. 22 and 23 at the Oregon Convention Center, offered free dental care to hundreds of low-income Oregonians on a first-come, first-served basis. Faculty and staff helped with everything from patient care to triage to instrument sterilization, supply packaging, and escorting patients, said **Jeffery Stewart**, D.D.S., M.S., associate professor of pathology. "This was a life changing experience for many of the volunteers," said Dr. Stewart, who volunteered both days. Shown above are **Luciano Monetti**, C.D.T., an instructor in restorative dentistry (left) and Alumni Association President **Lillian Harewood**, D.M.D. '95. (Photo Pat Regan)

Recycle All Plastic at School

With the addition of a new recycling vendor, all clean plastic at the dental school now can be recycled, reports OHSU Green Team Member **Jenna Wilkinson**. Clean plastic (soiled plastic containers should be washed first) can be deposited in any blue 'plastics' recycling container. Previously, only numbered and stretchable plastic could be recycled at the school.

ODS Scholars *(continued from page one)*

thankful for the generosity of ODS Chief Executive Officer **Robert Gootee** and ODS President **Bill Ten Pas**, D.M.D. '73. Their support of dental education and the students is exemplary."

An emphasis on dental student scholarships was initiated in 2007 to ensure OHSU can continue to attract and retain outstanding dental school candidates, said Dean **Jack Clinton**, D.M.D. '64. The increasing cost of dental school tuition, due to decreasing state support, has left huge student debt loans and tuition is likely to continue to grow.

Kyle, who is from Junction City, Ore., hopes to associate in a private practice in the Willamette Valley after graduation and said the award will help to greatly reduce his debt. "I have been taking out about \$50,000 a year in loans to pay for dental school, so this award will cover almost half of a year of dental school costs, which is huge!" said Kyle. "This will greatly reduce my monthly loan repayments and allow me to pay off my student loans faster. This is the most exciting news I have received in a long time."

Marisa, who hopes to return to Klamath Falls and join a practice there, agreed. "This award will be of significant help in reducing my educational debt," she said, estimating her post-graduation debt between \$170,000 to \$180,000. "This \$20,000 award will free me to be more generous with my time and compassion as I move home to an economically troubled area in desperate need of quality clinicians."

Each year, one of the ODS Scholars will be named in honor of **Kathryn Robertson** (OHSU President **Joe Robertson's** daughter) and Marisa was selected in 2010.