



SOD 2008-09 Budget Submitted

By not filling or delaying open faculty and staff positions, improving procedural and logistical efficiency throughout the school, continuing the group practice model, and further delaying planned facility maintenance and repair, SOD was able to meet the \$2 million budget cut requested by the university to cover OHSU losses associated with the tort cap, according to Dean Jack Clinton. Tuition will rise this fall, from six percent for returning non-residents to 18 percent for beginning DS1's from Oregon.

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SOD Patients Like Group Practices

School of Dentistry patients say their dental treatment is better explained and better supervised, and they feel they are receiving higher quality care within the new group practice structure that began last September, according to a recent survey.

The survey was mailed to 205 randomly selected patients who were asked to compare the "old" system where dental students worked independently with supervision by faculty, to the "new" group practice structure where dental students and faculty are assigned to one of six groups and they stay within the same group as the students' progress through their four years of dental education.

Thirty-three percent of the surveys were returned. Of those, 96 percent indicated the quality of care as excellent or good. Patients were asked whether they perceived a difference between service in the new group structure compared to the old system and 90 percent or more of patients reported satisfaction with their treatment at the school. In addition, nine- to 19-percent of patients surveyed said they found the SOD's group practice system even better than the system before:

*100 percent indicated personnel are polite and when asked to compare, 14 percent of patients felt the supervision of their treatment was better within the group practice structure.

(continued on page three)

Student Wins AADR Research Award



Sheeva Azimi

First-year dental student **Sheeva Azimi** won an AADR (American Association for Dental Research) research award at the organization's annual meeting in Dallas April 2-5.

Sheeva was one of 19 winners selected from United States dental schools nationwide and received a \$2,100 stipend.

Sheeva will study under the mentorship of **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics. AADR research fellowships are designed to encourage dental students to consider careers in oral health research.

SOD'ers Win Awards at Annual Alumni Meeting

A number of dental students, staff, and faculty were honored at the Annual Meeting and Awards Luncheon on April 5 during Oregon Dental Conference weekend. Winners included:

***Luke Barsalou**, a third-year dental student, who received the Ted Green Memorial Award, in memory of Ted Green, D.M.D. '81. Luke won for his essay exuding his compassion for dental patients.

***David Wilson**, a fourth-year dental student, was selected for the "Going the Extra Mile" award.



First-year dental students Daniel Barrett (left), Matthew Olson (center), and Trace Baxter (right), visited the Burkhardt booth during Oregon Dental Conference weekend. An estimated 200 dental students, faculty, and staff participated in ODC weekend April 5 to 8 at the Oregon Convention Center. (Photo Mark Mitchell)

***Mark Mitchell**, M.A., associate dean for student affairs; **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics; **Tom Hilton**, Ph.D., alumni centennial professor in operative dentistry; and **Lisa Thorsrud**, development coordinator, were named Honorary Alumni. The Non-dental Professional Honorary Award recognizes individuals who give countless hours to the School of Dentistry.

***Frank Stroud**, D.D.S., assistant professor of operative dentistry, who leads the Broadway group

practice, received the first Alumni Association faculty recognition award for boosting the SOD learning environment.

***Luciano Monetti**, longtime prosthodontics instructor, received the President's Award, along with **Barry O. Evans**, D.M.D. '69, and **Kurt Ferre**, D.D.S. **Cathryn Majeran**, D.M.D. '79 was named alumnus of the year.

"I am so appreciative of the people recognized," said Dean **Jack Clinton**, D.M.D. '64, to the crowd of nearly 200. "We all know a lot of other people who are serving the school, too, and I thank all of you."

DS1 Wins Table Clinic

A first-year dental student, **Kyle Thames**, won the annual Table Clinic competition held during Oregon Dental Conference weekend. The student clinician competition, sponsored by the Oregon Dental Association and DENTSPLY, drew seven dental student competitors in 2008.

Kyle's winning presentation was "Bacterial Splatter: Should Dentists be Concerned?" He received a check for \$500 and will represent OHSU at the American Dental Association conference this fall, with DENTSPLY paying Kyle's travel expenses.



Kyle Thames

Third-year dental student **Cole Johnson** won second place and third-year dental student **David Butler** won third place and both received \$500 for their efforts.

Group Practice *(continued from page one)*

*97 percent strongly agreed that treatment was explained to them and when asked to compare, 19 percent of patients reported that their treatment was better explained to them than in the past;

*97% strongly agreed they were encouraged to ask questions and when asked to compare, 19 percent of patients said they felt more encouraged and comfortable asking questions about their treatment within the group practice system;



DS2 Stephanie Rose provides support for a patient in the Hawthorne group practice. (Photo Dan Carter)

*93 percent strongly agreed that they receive high quality treatment and when asked to compare, 19 percent of patients said they feel they are receiving higher quality treatment within the group practices.

"It is still early in our transformation, but what we are hearing from our patients—as well as faculty and dental students—is that the group practices have been a positive move for all parties involved," said **Denice Stewart**, D.D.S., M.H.S.A., associate dean for clinical affairs.

New Dental Education Materials Available

Associate Dean for Academic Affairs **Phyllis Beemsterboer**, M.S., Ed.D., passes along word that the Association of American Medical Colleges has expanded its MedEdPORTAL teaching tools repository to include dental education resources, thanks to a new partnership with the American Dental Education Association. MedEdPORTAL is a collection of high-quality, peer-reviewed educational resources submitted by medical educators.

MedEdPORTAL resources include graphics, tutorials, lab manuals assessment instruments, and faculty development materials, as well as an inventory of virtual patient cases. The contents are contributed by faculty and students throughout the world and are free to educators and learners.

Scholarship Award for Cook



Weston Heringer Jr., D.M.D., pediatric dentistry residency director (left) presents to third-year dental student **Valane "Lane" Cook**, a \$1,500 scholarship from the Foundation of the Pierre Fauchard Academy (PFA). The Annual Scholarship Award was given to Lane for his "outstanding leadership and academic achievements in dentistry." One junior from each United States dental school receives the scholarship annually. Dr. Heringer is chairman of the Oregon section and he worked with **Phyllis Beemsterboer**, M.S., Ed.D., associate dean for academic affairs, to make the selection. Dean **Jack Clinton**, D.M.D., is a member of the PFA. (Photo Julie Hirai).

My Trip to India

by **Veronica Powers, DS3**

Editor's Note: An OHSU contingent, led by School of Dentistry faculty, provided health care for hundreds of children and pregnant women in northern India during the recent spring break. The OHSU team was joined by providers from Auckland University of Technology in New Zealand and Dashmesh Institute of Research and Dental Sciences School of Dentistry in Punjab. Third-year dental student Veronica Powers was one of four dental students on the trip.

The area we were in was a fluoride belt, so many of the children we saw had fluorosis and enamel hypoplasia. I did a lot of fillings, some extractions, and a few pulpotomies and stainless steel crowns. The children I treated were between nine- to 14-



Some of the multidisciplinary OHSU team that cared for children in India during spring break. Veronica is the fourth from left.

years-old. Many children were referred to us after being seen by the medical team. This gave us a chance to do a check up and give oral hygiene instructions to the child and parents. It was an amazing experience to be working alongside the Indian dental students who were an invaluable resource for us. They translated between Punjabi and English so we were able to communicate with our patients and they helped us to set up for our procedures. We were also able to share with the Indian students some of our techniques such as rubber dam placement for ops procedures. And we were treated to some great cultural experiences!

Faculty Promoted

Two OHSU School of Dentistry faculty members recently were recommended and approved for promotions by the school's rank and tenure committee. **Curt Machida**, Ph.D., has been promoted to the rank of professor in the department of integrative biosciences, with indefinite tenure. Dr. Machida received his doctoral degree from OHSU in 1982 and then obtained subsequent positions at the university before joining the School of Dentistry in 2002.

Prashant Gagneja, D.D.S., assistant professor and chair of the pediatric dentistry department has been promoted to associate professor. Dr. Gagneja joined the SOD in 2003 and is one of OHSU's youngest department chairs. The promotions took effect April 1.

Dental Students Present Posters

A number of dental students have recently presented posters or will present posters at dental meetings.

Second-year dental student **Vicky Chen**, and second-year orthodontics resident **Peter Pellegrini** presented posters at the AADR (American Association for Dental Research) in early April.

This month, second-year pediatric dentistry resident **Shahram Fazilat**, D.D.S., will present a poster at the American Academy of Pediatric Dentistry in Washington, D.C. (May 22-25).

And Vicky, Peter, and second-year dental student **Laura Rickert** all will present at the IADR (International Association for Dental Research) meeting in Toronto July 2 to 5. Vicky and Laura have each received \$1,000 for travel expenses to IADR.

Six students competed in the April 18 Sigma Xi competition at Portland State University. (*See story, page five*).

First Northwest PRECEDENT Studies Presented

Results from the first Northwest PRECEDENT (Practice-Based Research Collaborative in Evidence-Based Dentistry) studies are beginning to emerge and were presented at the recent American Association for Dental Research (AADR) meeting in Dallas, Texas, by **Jack Ferracane**, Ph.D., OHSU chair of restorative dentistry, and **Tom Hilton**, D.M.D, M.S., OHSU alumni centennial professor of operative dentistry.

One study assessed the use of caries preventive services; the other examined the location of caries and the material treatment used. Look for the results of both studies in the next *Caementum*, to be published in June.

Northwest PRECEDENT is a five-state oral health network that is funded by the National Institutes of Health and jointly administered by OHSU and the University of Washington. About 150 dental professionals have joined Northwest PRECEDENT since it began nearly three years ago.

Research Award for DS3

Third-year dental student **David Butler** won first prize in the Biological and Behavioral Sciences division of the April 18 Student Research Symposium, sponsored by the Columbia-Willamette Chapter of Sigma Xi.

David won for his research, "Fluoride Release from Resin-Modified Glass Ionomer Following the Application of a Fluoride Containing Detrifice." This is the second year that OHSU students have competed in the Sigma Xi event and the second year for which OHSU received the top prize in the Biological and Behavioral Sciences division.



David Butler

Six dental students competed against graduate and undergraduate students from PSU, WSU-Vancouver, University of Portland, PCC, and George Fox. Second-year dental students **Allison Hallin** and **Vicky Chen**, who teamed for "Growth Inhibition of Cariogenic Streptococci with Tea Extracts and other Potential Anti-microbial Agents" won third in the Biological and Behavioral Sciences division.

OHSU Policy Changes

There are several changes to state law and OHSU policy on gifts that employees should know about, according to OHSU Chief Integrity Officer **Gary Chiodo**, D.M.D., Ph.D.

A new state law places an annual limit of \$50 in value for gifts from outside persons or organizations to a public (including OHSU) employee in a decision-making position. For details, contact oieduc@ohsu.edu. The law, which is already in effect, requires extensive and potentially time-consuming documentation requirements.

In addition, a new OHSU policy is in development that will be "simpler and more aspirational" than the state law, said Gary. The proposed policy will prohibit individual acceptance of any gift. Gary said this is a highly ethical standard and is not unique to OHSU.

"Many of our peer institutions have already adopted this standard and many others are moving in that direction," said Gary. "This is also the standard recommended by most national organizations that guide academic health and science institutions." Employees are encouraged to adopt the no gifts goal immediately.

Endo Resident Receives Grant



Leila Tarsa

First-year endodontology resident **Leila Tarsa**, D.D.S., M.S., has received a \$19,500 grant from the American Association of Endodontics (AAE) Foundation. The one-year grant is for Dr. Tarsa's research, "Inflammation-induced

Regulation of Brain-Derived Neurotrophic Factor Expression in Mouse Tooth Pulp Nociceptors," which she conducts in the lab of **Agnieszka Balkowiec**, M.D., Ph.D., assistant professor of integrative biosciences, in collaboration with **J. Craig Baumgartner**, D.D.S., Ph.D., chair of endodontology, and **F. James Kratochvil**, D.D.S., chair of pathology and radiology.

Dr. Tarsa is pioneering the use of mice to study the underlying mechanisms of trigeminal pain processing. There are only a few animal models currently available to study trigeminal pain. Dr. Tarsa's data were received with great enthusiasm at the most recent Society for Neuroscience meeting, said Dr. Balkowiec. "With her master's degree in neuroscience and a dental degree, Dr. Tarsa is an ideal candidate to finally move the dental pain research forward," said Dr. Balkowiec.

The grant was presented at the recent AAE meeting, at which OHSU had a strong presence: Two 2007 endodontology grads presented their research, Dr. Baumgartner introduced a new book for endodontology residents that he edited, and both he and **J. Gordon Marshall**, D.M.D., associate professor of endodontology, wrote chapters for, and there was a reception for about 80 endodontology alums and friends. See the upcoming *Caementum* for more details.

Farmer's Market To Open

The OHSU Farmer's Market opens May 20 and runs every Tuesday from 11:30 a.m. to 3:30 p.m. through Oct. 7. Following is an interview excerpt with **Eecole Copen**, M.S., R.D., Farmer's Market manager and sustainable food programs coordinator. The interview is by **M. Sean Stanley**, *Pulse* editor.

Name your three favorite Market items:

- 1) Anything heirloom. These are really special varieties not generally available and grown specifically for their incredible flavors!
- 2) Sustainably-grown berries. I usually buy a flat and freeze 80 percent of them as soon as I get home for smoothies all year.
- 3) Sustainably-raised meat. We plan to have some lamb and beef. It's really hard to get meat that has been treated conscientiously throughout its life.

What's new this year?

We plan to have several vendors [during the lunch hours] to serve prepared foods made from local ingredients. We hope to have tables and chairs [for people] to sit and enjoy lunch while listening to locally grown music. We also plan to have more vendors, more variety. Customers will also be able to find local produce in other areas of campus. There will be a pilot project starting this year called the "After-Hours Produce Pick-Up," where a standard bag of produce will be available for pre-order/purchase to be picked up at a central location from 4 to 7 p.m. after the market closes.

Are there ways for people to get involved?

We are always looking for volunteers to help put out flyers, run the token machine, do chef demos, put out weekly signage boards, and generally give input on the market (products, atmosphere and community). Please direct anyone to farmmkt@ohsu.edu if interested! Also, we will be sending out a weekly reminder with events, new vendors and interesting info. To sign up, visit our website at www.ohsu.edu/farmersmarket and click the e-newsletter link.

Summer Awards Announced

Five dental students recently won short-term (12 week) summer research fellowships through OSLEP (Oregon Students Learn and Experience Research) and OCTRI (Oregon Clinical and Translational Research Institute). OHSU's OSLEP and OCTRI awards are designed to boost the number of health professionals interested in research.

SOD students won two of the six OSLEP awards presented university-wide and each received \$5,000 for study and research support. The awardees are:

***Vicky Chen**, (DS2), who will study "Detection of Latent and Reactivated Herpesviruses in Symptomatic Endodontic Pathosis," with mentors **Curt Machida**, Ph.D., professor of integrative biosciences, **Karla Kent**, Ph.D., associate professor of integrative biosciences, and **Craig Baumgartner**, D.D.S., Ph.D., professor and chair of endodontology.

***Roxane Kotzin** (DS1), who will examine the "Degree of Conversion and Hardness of Light-Cured Injectable Polymers" under the tutelage of **John Mitchell**, Ph.D., associate professor of biomaterials and biomechanics.

Three SOD dental students also won OCTRI summer scholarships (only six of the 10 awards had been announced at press time). Winners each receive a \$3,000 stipend. They are:

***Yanwen Chen**, Ph.D. (DS1), who will study "Regenerative Dental Medicine: Immortalization of Dentin-Forming Odontoblasts from Human Dental Pulp Stem Cell Populations Using Self-Inactivating Retroviral Vectors and Bone Morphogenetic Protein Signaling," under Dr. Machida, **Michael Danilchik**, Ph.D., professor of integrative biosciences, and Dr. Baumgartner.

***Shawn Monahan** (DS1), whose project is "Traditional Herbal Medicines in Dentistry: Identification of Therapeutic Compounds in Mikania Plant Extracts Conveying Anti-Microbial Activity Against Cariogenic Oral Bacteria." Shawn's mentors are Dr. Machida, **Tom Maier**, Ph.D., assistant professor of integrative biosciences, and **Tom Shearer**, Ph.D., associate dean for research.

***Kyle Thames** (DS1), who is studying the "Antimicrobial Effect of Bioactive Glass When Used as an Intra-Canal Medicament," under the mentorship of Dr. Mitchell and Dr. Baumgartner.

Your Ideas Wanted

SOD's Employee Engagement Committee needs your thoughts, ideas and constructive criticism. Consider your expectations as an employee, customer, and as a member of the OHSU and SOD community. What do you envision? What needs improving? What should stay the same? One opportunity for improvement that came up at the group's last meeting involved signage within the building. Do you have any suggestions to improve directional signing (elevators, restrooms, etc.)? Can you think of other areas that need improving? Please contact **Andrea Williams** in the student affairs office for a form to help get your creative ideas flowing. Completed forms can be put in the mailroom, Box #11, which says "Employee Engagement Committee."

Life Support Training Put to Use

Staff and faculty in the department of integrative biosciences took basic life support and AED certification courses in March, reports **Tom Shearer**, Ph.D., associate dean for research. With the courses fresh in their minds, several SOD'ers were able to put their training to use, including **Karla Kent**, Ph.D. and **Steve Matsumoto**, Ph.D., both associate professors of integrative biosciences. When a co-worker collapsed after hours, Karla and Steve immediately recalled their recent training. "It was a good reminder to check for breathing first, then call campus emergency at 4-4444," said Karla. "I'm glad the CPR & AED weren't necessary!"

Dental Bites is the SOD's monthly internal newsletter. If you have a submission, please contact Sydney Clevenger (clevenge@ohsu.edu).