Welcome to a new edition and a new look for Dental Bites. We need your input! Send us your ideas and events so we can share with the whole community: bites@ohsu.edu.

Calendar Notes

06/02/15 — SPAP and HSDA Baked Treats and Mexican Food Sale
06/05/15 — OHSU Convocation and School of Dentistry Hooding Ceremony, Oregon Convention Center. Robing at 10:00 a.m., Ceremony at 11:00 a.m.
06/09/15 — Dean’s Seminar Series – Pamela C. Yelick, PhD, Strategies for Regenerative Dentistry, 12 noon to 1:30 p.m., CLSB 3A003A/B
06/11/15 — Faculty Development Seminar — Cone Beam CT Basics
06/22 – 06/26/15 Summer Break
06/29/15 — First day of Summer Term
07/24/15 — White Coat Ceremony
09/21 – 9/22/15 — Faculty Conference and Staff In-service

ASDA Annual Session in Boston “Empowers”

The OHSU chapter of the American Student Dental Association (ASDA) was able to send eight of members to the Annual Session this past February. The Annual Session brings together student leaders from all 65 U.S. dental schools. Here is what alternative delegate, Eddie Ramirez, had to say about his experience in Boston:

“From February 18th – 22nd, I attended the ASDA Annual Session in Boston, Mass., where I was not only able to learn more about organized dentistry, meet other...
dental students, but also grow as an ASDA leader,” said Ramirez.

“One of the biggest things that I brought back was the word ‘empower,’” Ramirez added. “I attended a workshop where the speaker talked about how change comes easier when a team is empowered by something, whether it’s a person or a goal. I left this workshop with a task of finding what I can do to empower my community, class, and school to achieve and be successful in my goals. If we all become motivated for a common cause, change will come easier.”

WREB Exam Kudos

The battery of tests facing any health professional hoping for licensure is daunting and full of uncertainty, but sometimes things just work. This year’s WREB licensing board examination presented a new format, where the students had to do the Comprehensive Treatment Planning portion of the test at a PearsonVue center in October or November. The clinical exam was held earlier than in years past, beginning with Candidate Orientation on May 1.

Adding to those logistical changes, OHSU hosted the WREB in the new Skourtes Tower facility for the first time. In the end, students and test administrators felt this year’s exam went very smoothly, and the test results bear this out.

“OHSU students typically do very well on the WREB,” said Dr. Peter Morita, Associate Dean of Patient Services at OHSU School of Dentistry. “For the 75 students participating this year we had a 95% pass rate, inching up from last year’s 94%.”
Dr. Morita added that typically, any student re-examinations are only for one or two sections of the five-part WREB exam. He also shared another improvement from previous years. “Last year, in the old building, we actually had to abort the initial start of the WREB because of a boil water alert,” he said. “That’s one distraction we didn’t have to worry about this year.”

“Hosting in the new facility, where no one was sure how the exam would flow, brought some uncertainty, but the exam went very smoothly and our grading examiners continually remarked on the nice view they had from the tower’s windows,” said Dr. Morita.

New Dental Clinics Shine for Give Kids a Smile

One of the many outreach events the School of Dentistry participates in throughout the state, Give Kids a Smile (GKAS) in February is one we particularly look forward to every year. This year’s event was a special one, as it was held for the first time in our new facility in the South Waterfront.

GKAS is a nationally event conceived by the American Dental Association in 2002 and carried out by local dentists and dental associations. Our 13th annual Give Kids a Smile Event was held on Saturday, Feb 28, 2015, in the School of Dentistry and was co-sponsored by OHSU and the Multnomah Dental Society.

Chairperson Dr. Rick Grabowsky led the effort for OHSU with Lora Mattsen from the Multnomah Dental Society. With the assistance of the Boys and Girls Club volunteers who kept most of the children overnight, 138 kids were examined and treated by students, residents and faculty. The Boys and Girls Club did a huge amount of preparation with the paperwork, follow-up, and working out the logistics of getting the kids up to the dental school clinic in an orderly fashion.
Everything went smoothly thanks to the amazing volunteers, and by 9 a.m. the kids were on site, lining up for x-rays and heading up to the clinic for treatment.

A big success on all accounts, our event was even covered by the national ADA News online. You can read their article here.

We’re already looking forward to helping create more smiles next year — and thinking that some of our patients may be applying to the school in just a few more.

Dental Research Day 2015

On April 2nd, the School of Dentistry held its annual research day. This event is held every year and serves to highlight the research activities and achievements that have been made by faculty, staff and students within the school.

The school was honored to have for our keynote speaker at research day, Dr. Martha Somerman, director of the National Institute of Dental and Craniofacial Research (NIDCR). Dr. Somerman began her visit by meeting with dental students who are actively engaged in research, the leadership of the student research group and the two students who are the first members of our new DMD/PhD program at the school. She then met with junior faculty who have research as a major part of their activities in the school and also with faculty who are currently funded by grants from the NIDCR.

In Dr. Somerman’s keynote address she explained that although a major focus for the NIDCR is basic research, it also has a major mission to fund projects aimed at translational research, helping to bring new treatments into the clinical setting.

Following Dr. Somerman’s talk, participants viewed the research posters presented by faculty, students and staff of the school to be evaluated by a panel of judges. This year there were 44 research poster
(Research Day)

presentations that included for the first time, Case Critically Appraised Topic or "CaseCAT" presenta-
tions from students. CaseCAT projects involve students taking a clinical case and performing a literature
search to come to a recommended treatment option using an evidence-based approach. The presenta-
tions were judged by members of the Oregon Academy of General Dentistry and the winners were
awarded cash prizes.

School of Dentistry Student Research Recognized

In early May, the School of Dentistry held a ceremony awarding prizes for the top research projects presented at both the Oregon Dental Conference Student Table Clinic, and the school's CaseCAT presentations. Winners of the 2015 ODC Student Table clinic were: 

**Namgu Kim**, for "Mapping Depth of Cure in Dental Composites as a Function of Shade;" **Arthur Gutnik** for "Exothane Monomers as BPA-free Alternatives for Dental Composites;" **Lindsey Yap** for "Can Expansion Stresses from Water Sorption in Resin Cements Cause Cracking of Ceramic Dental Crowns?;" **Lillian Nguyen** for "Light Transmission in Restorative Composites is a Function of Shade and Thickness;" **Jonathan Yih** for "Influence of Thio-urethane Additives on Mechanical Properties of Dental Composites;" **Erin Flamiatos** for "Children with Severe Early Childhood Caries: Streptococci Genetic Strains within Carious and White Spot Lesions;" and **Noelle George** for "Oral Microbiota within Endodontic Abscesses and Cellulitis: Identification Using Human Oral Microbial Identification Microarrays."

Winners of the CaseCAT poster prizes were: **Adam Fox** for "Direct Pulp Cap vs. Partial Pulpotomy for Treating Carious Pulp Exposures;" **Caroline DeVincenzi** for "Effect of Nonsurgical Periodontal Therapy on Diabetes Control;" and **Seth Monson** for "Do Analgesics Influence Pulp Tests?"

**Dr. Tom Hilton Receives the Ryge-Mahler Award**

The Dental Materials Group of the IADR awarded our own Tom Hilton, DMD, MS, with the Ryge-Mahler Award this last March at their annual meeting in Boston. The award recognizes significant contributions to clinical research in dental materials science. Congratulations Dr. Hilton!
Professor Carmem Pfeifer Receives Bioscience Innovation Award!

Dr. Pfeifer has been awarded the coveted grant for her work developing a new generation of dental composites.

The grant program is run by the Oregon Clinical & Translational Research Institute (OCTRI), and helps cultivates promising translational projects that develop new biomedical devices, diagnostics, and software. Via commercialization from academia to the marketplace, the objective is to move innovative technologies to clinical application, and thus to make a meaningful impact on human health.

The grant money will be used to scale up her work with thio-urethane synthesis reactions, with the goal of moving toward the prototyping of a commercial composite in the near future.

Congratulations Dr. Pfeifer!

New Faces

Dr. G. William “Bill” Knight joined the School of Dentistry in March, accepting the position of Senior Associate Dean of Academic Affairs, and no, he’s not related to that other Mr. Knight of footwear fame. Dr. Knight will guide all educational aspects of the DMD and postgraduate specialty programs, including curriculum management and innovation. A big project on his plate is preparing the school for its CODA accreditation site visit in the fall of 2016. Even with all this on his plate, you can count on his easy sense of humor and, so we’ve heard, an interest in Oregon and Washington wines.

Dr. Knight brings significant experience to our school, having served in a variety of positions at the University of Illinois at Chicago College of Dentistry, including Interim Dean, Executive Associate Dean and Assistant Dean of Clinical Education. Prior to that, Dr. Knight served as Associate Dean for Clinic Administration at the University of Detroit Mercy. In addition to his academic career, Dr. Knight practiced as a Restorative dentist for 29 years, initially as a Dental Officer in the US Navy and then as an owner and senior partner in private practice. Dr. Knight earned a DDS from the University of Michigan in Ann Arbor, and later a Master of Science, Restorative Dentistry (Operative) from the same institution. He went on to gain a Master of Science in Health Careers Education. Welcome Dr. Knight!
(New Faces)

**Shay Strauss** is a new clinical study coordinator for Dr. Curt Machida in Integrative Biosciences. Dr. Machida's clinical study focuses on applying translational research to early childhood caries. Shay has already made quite an impression with a work ethic and personal energy that are simply contagious.

Shay holds a B.S. from U.C. Berkeley and an M.S. in Biochemistry and Molecular Biology from Georgetown University, is a certified personal trainer, yoga instructor and nutrition specialist. Shay's drive and discipline have been honed over the years by her athletic interests, including snowboarding, running, swimming and rowing. And we're not talking about your typical "paddle about" on the river here - Shay rowed for Cal's Varsity Eight and for the U.S. National Rowing Team.

Take a moment to say "hi" - if you can catch up to her.

**Commentary — Remembering the tragedy at UNC**

By contributing writer, Sadaf Assadi, DS2

**Tuesday, February 10th.** It was a normal day like any other. That is what I thought to myself as I was getting ready to go to class. I was casually checking my Facebook when I saw a post that caught my eye. It said that there had been a shooting in the U.S. I thought it very strange that a shooting had occurred and yet I hadn’t seen or heard anything on the news. I searched about it online and sure enough, there had been a shooting in North Carolina. Three people were murdered, shot in the head.

These three, young people were the recently married couple Deah Barakat [23 years old] and Yusor Mohammad Abu-Salha [21], as well as Yusor’s sister Razan Mohammad Abu-Salha [19]. Deah was a second-year dental student at the UNC School of Dentistry, and his wife Yusor had just been admitted into the school and was to start in the Fall. Razan was a sophomore at NC State University, studying architecture. As I read of all of this, for the first time in my life I felt scared. With all of the hatred that’s being spread in the world today about Muslims and Islam, it finally hit me how horrible and real the situation had become. I realized that those three souls who were full of promise and had their whole lives ahead of them could have been me and any one of my Muslim friends around the country.

But...why? Why do some people commit such horrible acts? How can I do my part in order to bring people closer together through understanding and empathy? I believe that every Muslim is a representative of his or her religion. Therefore, I feel it absolutely essential to stand up for my faith and explain it →
to those around me. Knowledge is the only way out from a state of ignorance. It is the only solution to the very disheartening current state of affairs. As the Dalai Lama said, “Where ignorance is our master, there is no possibility of real peace”.

Islam literally means submission and its root word is “salam”, which means peace. Muslims submit themselves to Allah and His will. Allah means God in Arabic. Islam is the third of the Abrahamic religions, and all of the prophets of Judaism and Christianity are accepted and honored. Muslims believe that God sent various prophets throughout time to deliver His message, with the last being Prophet Muhammad. Although each of the messengers are revered, none are worshipped; only the one God is worshipped by Muslims. In fact, when a person wants to embrace Islam, he or she only needs to say one sentence: “There is no god but God, and Muhammad is His messenger”. Today Islam is the world’s fastest growing, and second largest, religion with about 1.6 billion followers. Unfortunately Islam has been given a bad name because of extremist groups such as Boko Haram, Al-Qaeda, the Taliban, etc. It is of utmost importance to understand that these groups, their ideologies, and their actions are in no way representative of Islam. Islam is a religion of peace, not killing. It is a religion of understanding and community, not exclusion and extremism. There is a verse in the Qur’an [the Muslim Holy Book] that reads, “Whosoever kills an innocent human being, it shall be as if he has killed all mankind, and whosoever saves the life of one, it shall be as if he saved the life of all mankind” (5:32). These are the words and values that the great majority of Muslims live by. Those who commit terrorist acts in the name of Islam are not true Muslims. They are simply using religion for their own means.

Deah Barakat was pursuing a degree in dentistry in order to promote public health and give back to his community and those in need. Last summer he volunteered in a clinic in Turkey, by providing dental care to Syrian refugees. Deah and Yusor were raising money and planning to go again this summer. They are an image of what Islam is really about: building community and helping one another.

It’s tragic and unacceptable that three people have been killed simply because of their beliefs, and it is my sincere hope that all of us will take the time to inform ourselves and increase our knowledge, rather than remain hidden under the shadows of ignorance. Perhaps we can stop such tragic events from happening again.

Learn more about Deah, Yusor and Razan at www.ourthreewinners.org.
Faculty Development Seminar

Cone Beam CT Basics

June 11th, 2015  12:15pm—1:30pm

OHSU Collaborative Life Sciences Building
2730 SW Moody Avenue
Lecture Hall: 3A003A

Course Description:
The introduction of cone beam computed tomography (CBCT) in the early 1990’s was a substantial technologic advancement that offered practitioners an adjunct diagnostic modality capable of producing submillimeter resolution images. With the shift from a two-dimensional to a volumetric approach in maxillofacial imaging, CBCT has become increasingly important for various clinical applications including, but not limited to, implant dentistry, oral surgery, oral pathology, orthodontics, endodontics, dental trauma and temporomandibular joint evaluation.

The presenter will provide participants with the basics of CBCT (strengths and weaknesses); scan parameters for different purposes (voxel size, field of view); and legal considerations for referring or owning a CBCT. Participants will receive an overview of CBCT viewing software including common views; guidelines for using each view; and manipulation of scans within the software.

Course Objectives:
At the completion of the session, the participant should be able to:
1. Understand and apply the strengths and limitations of CBCT to aid in prescription of CBCT scans.
2. Understand the common CBCT views seen in CBCT viewing software.

Shawneen Gonzalez, D.D.S., M.S., is Director of the Oral and Maxillofacial Radiology Clinic, and Assistant Professor. Dr. Gonzalez received her doctor of dental surgery from the University of Washington, a master’s degree in stomatology from University of Iowa Graduate College, and a certificate of oral and maxillofacial radiology from the University of Iowa College of Dentistry.

**PENDING**
Credit 1 Lecture Hour

Academy of General Dentistry
PACE Program Approval for Continuing Education
Approved PACE Program Provider
FACD/MAGD Credit
6/12011 to 6/30/2015
School of Dentistry Smile Award

Please join us in congratulating the April 2015 winner of the Smile Award, Angela Garzaro. Angela is the first recipient of the Smile Award and was nominated for demonstrating the attribute of Kindness.

Angela’s nomination story:

Doernbecher Hospital dental clinic is the last stop for many pediatric patients with special healthcare needs. The patients who come to this clinic often have extremely complicated medical and social histories, and they often experience difficulty finding a dentist in the community that will welcome them as a patient. They often do NOT feel included by society. Luckily for the patients that find their way to Doernbecher Dental Clinic, they are welcomed by none other than Angela Garzaro, our PAS Specialist.

No matter what life throws at her, Angela has the patience and empathy of a sainted goddess! She is unfailingly courteous and warmly welcoming to the families at Doernbecher Dental Clinic, regardless of their challenges and limitations. Angela displays the characteristics of kindness, empathy, and professional enthusiasm on a daily basis. Our entire department, and especially our "special" patients, benefit from her kindness and consideration for others.

This week a 3 year old boy undergoing active chemotherapy was referred for an urgent dental evaluation and it was determined he would need comprehensive care under general anesthesia. Without hesitation, Angela made arrangements for him to be treated, which is no small administrative task. Angela paved the way for this child to receive dental care during one of the most difficult life situations for a family - a young child with cancer. The father was so grateful for her efforts, as he had been unable to find any other clinic willing to see his son - and yet Angela welcomed him.

While being innovative and forward thinking in scheduling this patient's care, she always remembers the individual people involved and the complexities of their life and circumstances. This type of professional exceptionalism with a personal touch is Angela’s modus operandi - her ability to make others feel included and part of our dental community is most worthy of recognition and commendation.

Have some news to share? We need your help to make Dental Bites a relevant information source for our community. Send your ideas and submissions to bites@ohsu.edu.