

COMING UP

Indiana University School of Dentistry News and Events



In one week's time, Dental Summer Institute high schoolers learn that a dental education involves a lot more than the mouth. Skeleton construction and brain examining are just two of many hands-on projects the students tackled. DSI photos by Nicole Alderman



July

2012

*Hoosier High Schoolers Get a Glimpse of Dental Education
(and the Many Other Subjects That Come with It)*

During 2012's Dental Summer Institute

*IU Dental School Hitched Its First Ride
on the Information Superhighway in 1994,
with Thomas Boehm in the Driver's Seat*

June 30-July 7 (Sat.-Sat.)



IU School of Dentistry ALASKAN EXPLORER CRUISE for alumni and friends meanders through Glacier Bay with stops in Juneau, Sitka, Ketchikan, and Victoria, British Columbia.

2, 3 (Mon., Tues.)

FIRST SEMESTER ORIENTATION FOR INCOMING GRADUATE STUDENTS



4 (Wed.)

CELEBRATE YOUR INDEPENDENCE TODAY. Fire up the grill – but be careful during this tinderbox summer not to fire up your yard or your house along with it. Use above-ground grills only, as per the burn ban,

and station them on concrete surfaces instead of wood decks. Whatever your plans, have a spectacular holiday! (School and Library are closed.)

6 (Fri.)

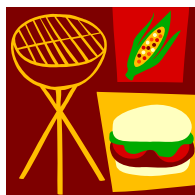
SUMMER SESSION ENDS FOR SECOND-YEAR DENTAL HYGIENE STUDENTS

9, 10 (Mon., Tues.)

FIRST SEMESTER ORIENTATION FOR DDS CLASS OF 2016. "Two days of whirlwind activities have been planned to acclimate 104 new students to IUSD," says **Michele Farris** of Student Affairs. "For the first time in the school's history, the women will outnumber the men – and by a wide margin, if the current numbers hold: 62 to 42."

11 (Wed.)

FIRST SEMESTER BEGINS FOR FIRST-YEAR DENTAL STUDENTS



12 (Thurs.)

The DDS Class of 2013's WELCOME BARBEQUE for the DDS Class of 2016 begins at 4 p.m. this afternoon on the lawn in front of Taylor Hall.

13 (Fri.)

PROPOSAL SUBMISSION DEADLINE for Student Research Subcommittee's July 27 meeting

16 (Mon.)

FIRST SEMESTER BEGINS FOR SECOND-YEAR DENTAL STUDENTS (orientation 10 a.m.-noon)

Regular school year LIBRARY HOURS resume today:

Monday-Thursday: 7:30 a.m.-10 p.m.

Friday: 7:30 a.m.-5 p.m.

Saturday: 9 a.m.-4:30 p.m.

Sunday: 1-5 p.m.

18 (Wed.)

Staff Dental Assistants Lunch and Learn series presents IU SCHOOL OF DENTISTRY UPDATES AND INFORMATION, by Dean **John Williams**; noon-1 p.m. in DS S116.

19-22 (Thurs.-Sun.)

The IU School of Dentistry and the dental division of the Marion County Health Department are co-sponsoring dental screenings for adults and children at the INDIANA BLACK EXPO HEALTH FAIR. Check out all events and the activities for 2012's Indiana Black Expo at <http://indianablackexpo.com>.

20 (Fri.)

RESEARCH COMMITTEE, 9 a.m. in DS S421

CPR TRAINING for campus and distance learning DENTAL ASSISTING STUDENTS

20, 21 (Fri., Sat.)

FIRST SEMESTER ORIENTATION FOR DISTANCE LEARNING DENTAL ASSISTING STUDENTS

20-24 (Fri.-Tues.)

NATIONAL DENTAL ASSOCIATION annual convention, Boca Raton, Fla. (joint meeting with the HISPANIC DENTAL ASSOCIATION and the SOCIETY OF AMERICAN INDIAN DENTISTS)

21 (Sat.)

Final date for third-year dental students to take NATIONAL BOARDS PART I

23 (Mon.)

FIRST SEMESTER BEGINS FOR THIRD-YEAR DENTAL STUDENTS (orientation 10-11:50 a.m.)

27 (Fri.)

STUDENT RESEARCH SUBCOMMITTEE, 8 a.m. in DS B29

People, Places, and Things



TELL YOUR PATIENTS ABOUT NEW ADA SITE CELEBRATING HEALTHY MOUTHS. On June 25 the American Dental Association launched its “Mouth Healthy” website to help consumers sort out what they need to know about taking good care of their mouths, preventing oral diseases, and seeking treatment when needed. The ADA is striving to make the site a “highly engaging user experience” for lay persons, so encourage your patients to check it out: <http://www.mouthhealthy.org/>.



SCRUFFED-UP LOBBIES TO BE LOOKIN' GOOD SOON. As **Adam Smith** of Academic Affairs says, the first-floor and second-floor lobbies will be completely passable this summer while they get their makeovers, including the installation of new flooring. The work is taking place in the evening hours and overnight, so even if the areas are esthetically challenged, daytime traffic will not be impeded.



One of the lab classes DSI volunteer Dr. Bill Babler led was titled "Dr. Babler's Brains."

DENTAL SUMMER INSTITUTE DRAWS 18 TEENS FROM RURAL, URBAN HIGH SCHOOLS. The annual Dental Summer Institute (DSI), a careers camp for young people from rural and urban Indiana backgrounds having an interest in the dental profession, just gets better every year, thanks to efforts of a large group of IUSD student, staff, and faculty volunteers led by **Pamela Clark** of Student Affairs along with **Ina Jackson** and Dr. **Pamela Shaw** of Diversity, Equity, and Inclusion.

“Altogether some 30 or 40 volunteers, including two college pre-dental students, helped us produce the program,” says Pamela Clark. “We had a good group of students this year who seemed interested in learning about dentistry.”



The gooey task of stuffing homemade toothpaste into tubes reminds students of why store-bought paste has some advantages (left), and it seems to be dawning on another participant that ill-fitting gloves are a foe of manual dexterity in the dental profession.

Held the week of June 4th, this year’s program was sponsored in collaboration with the West Central Indiana Area Health Education Center. DSI offered wide-ranging projects designed to be informative as well as fun for teenagers. There were classes with such intriguing titles as Dental Speed Networking, Dr. Babler’s Brains, and Mass Fatalities (Dr. Parks’ lesson on forensic dentistry) as well as tooth-filling projects, orthodontic exercises, toothpaste-making, and much more.

“I enjoyed putting the brackets on the model teeth,” one participant wrote in the wrap-up survey. “I liked it because it was fun and hands on.”

“I liked observing in the clinic because we get to [be] up close and personal with the dentist and the patients,” wrote another.

The institute culminated with the students’ poster projects on dental topics being placed on display for the entire school to enjoy. “DSI’12 was another success in spreading awareness of and excitement for the field of dentistry to high school students,” says Pamela.



Joan Kowolik, Stuart Schrader, LaQuia Walker, Jack Windsor, Cheryl Krushinski, Nadim Islam, Laura Romito

ADEA LEADERSHIP HAS SOLID IU FACULTY REPRESENTATION. This year Dean **John Williams** completed his three-year term as the American Dental Education Association's Vice President for Deans, but that doesn't mean there's a paucity of ADEA leadership bearing Indiana University's stamp of excellence. ADEA lists a total of 70 U.S. and Canadian dental schools to choose its leaders from in 2012, but about 15% of ADEA's 48 Sections and Special Interest Groups are currently either chaired by IU professors or poised to be.

Dr. **Joan Kowolik** is chair-elect of the Council of Sections administrative board. *Section Chairs:* Dr. **Stuart Schrader**, Section on Behavioral Sciences; Dr. **LaQuia Walker**, Pediatric Dentistry; and Dr. **L. Jack Windsor**, Oral Biology. *Section Chairs-Elect:* Dr. **Nadim Islam**, Oral and Maxillofacial Pathology; and Dr. **Cheryl Krushinski**, Oral Diagnosis and Oral Medicine. *Special Interest Groups Chair:* Dr. **Laura Romito**, Tobacco-Free Initiatives.

Additionally, six IU faculty hold other officer positions in the Sections and Special Interest Groups. *Section Councilors:* Dr. **Jeffrey Bennett**, Oral and Maxillofacial Surgery/Anesthesia/Hospital Dentistry; and Prof. **Patricia Capps**, Dental Assisting Education. *Section Secretaries:* Prof. **Lorinda Coan**, Dental Hygiene Education; Dr. **Kyle Kramer**, Oral and Maxillofacial Surgery/Anesthesia/Hospital Dentistry; and Dr. **Kelton Stewart**, Orthodontics. *Special Interest Groups Secretary:* Dr. **Elizabeth Ramos**, Career Development for the New Educator.

Dr. **Jeffrey Bennett** is also the latest IU School of Dentistry faculty member to be accepted into ADEA's Leadership Institute. He is a fellow in ADEA's 2013 class.



Nicole Alderson's "En-Tirely Tree-mendous" work of art, as photographed on Mass Ave by Tim Centers

JUDGES GIVE NEW IUSD STAFF MEMBER THE NOD IN 'ARTFUL TREAD' CONTEST. Butler University graduate **Nicole Alderson** recently joined the staff in Dental Illustrations as an illustrator and photographer, but she's also a volunteer at Global Gifts, a fair trade store on Massachusetts Avenue downtown. During this year's Mass Ave Merchants Association's Artful Tread contest, in which participants fashioned works of art from donated tires in May in recognition of the Indy 500, Nicole's artistic rendering of a Mass Ave tree on behalf of Global Gifts won her First Place from the judges.

"The process of creating a sculpture of that scale was really fun," says Nicole. "From start (refining a sketch) to finish (installation), the process took about three weeks."

The artistic results belie the extensive construction that went into the project.

About 20 donated tires made up the 'bark' of Nicole's tree: Moto GP tires from the Indianapolis Motor Speedway, Andretti Racing Indy Lite tires from Hoosier Tires, and World of Outlaw sprint car tires from Saldana Racing.

An internal 'skeleton' was made of an 8 in. x 8 in. wood beam attached to a 4 ft. x 4 ft., 3/8 in. plywood base, and the structure was reinforced with vertical supports also made out of 3/8 in. plywood and 2x4's.

As Nicole explains it, the tires were then cut with a utility knife into triangular strips and attached to the wooden skeleton with screws. The tree shape and appearance was 'molded' by layering strips of rubber, while keeping in mind the varying textures of the different tires. Finally, holes were drilled into the top of the beam, and the branches were fitted and glued into an esthetically pleasing arrangement.

“The most difficult thing about working with racing tires would have to be learning to not work against them because they are a stubborn medium,” says Nicole. “They resist you in every step of the process. They are hard to cut, non-pliable, and heavy, but when you keep that in mind and take them for what they are those attributes have an incredible beauty.”

Nicole, who is the daughter of dental assisting faculty member **Sheri Alderson**, is currently working on a bachelor’s degree in Fine Arts at Herron along with pre-reqs for grad school. When asked about her inspiration for the “En-Tirely Tree-mendous” project, we received a fascinating and thoughtful reply from our newest member of Dental Illustrations, who says:

“The inspiration for the tree was an amalgamation of circumstances and ideas, one being a sketch I made in one of my senior year biology courses. We were, for the million and first time, discussing the ways in which we, as a human race, are ruining the Earth, from nonrenewable natural resource consumption to pollution to overpopulation, etc., and also the much needed movement toward awareness, recycling, and ecofriendly products that may be too little, too late.

“The second part was a story I had heard many times since I started volunteering at Global Gifts. It was the story of the ‘Tree of Life,’ which is a mystical concept that alludes to the interconnectedness of everyone and everything on this planet. In the evolutionary sense it’s a metaphor for common descent.

“The third contributor to the sculpture was the guidelines of the competition. Since the Artful Tread is linked to May and the Indianapolis Motor Speedway the rules of the competition stipulated that the medium must be tires. Keeping this restriction in mind I went back through old sketchbooks and found a little drawing of a highly dramatized tree. The sculpture grew, literally and figuratively, from there.

“My ‘Tree of Life’ is named for what it is: a tree, but also it is named with a bit of irony because the materials used create, in a sense, a break-up in the fluidity of the natural cycle of degradation and regrowth. Over time, the wood, the base structure, and the branches will degrade but most of the esthetic part, i.e., the tires, will remain for decades.

“So,” Nicole says in conclusion, “while everything in life is connected, we as a human race are messing with the delicate balance of the Earth by not respecting the biological equilibrium, which is why the tree has the turbulent drama and the asymmetry that it does.”



Dr. Terry Schechner (l), Ms. Gabrielle Johnson, Ms. Ewelina Ciula, Dr. Richard Jones, and Dean John Williams

SPEA CHAPTER HONORED BY ORGANIZED DENTISTRY. Congratulations to the Indiana University Chapter of the Student Professionalism and Ethics Association, which received a Presidential Citation from Indiana Dental Association president Dr. **Terry Schechner** during the 2012 IDA meeting in downtown Indianapolis in June. Dr. Schechner, who completed his term as IDA president at this meeting, recognized the group for its dedication to professional ethics. The award was accepted by **Ewelina Ciula**, D13, currently a co-president (with **Tadziu Kula**, D14) of SPEA's local chapter; and **Gabrielle Johnson**, D14, chapter treasurer. Other officers are **Josh Stevens**, D14, public relations; and **Crystal Chopp**, D15, Region 4 representative. New officers for academic 2012-2013 will be announced shortly.

The foundation for this new national association, which is less than a year old and was a club prior to 2011, was built at a meeting at the University of Southern California by 10 dental students from six universities, including Ewelina Ciula, who currently serves as vice chair at SPEA's national level. The American Dental Association officially recognized the association last fall. Also last fall, a video produced by a group of five IU dental students was runner-up in an ethics video contest sponsored by the ADA Council on Ethics, Bylaws, and Judicial Affairs.



Prof. Lorinda Coan

PROF. COAN OFFERS ADVICE ON BUILDING AN ON-THE-GO KIT FOR ORAL HEALTH. A national web publication recently asked Prof. **Lorinda Coan**, Dental Hygiene Division, for her professional opinion on how busy consumers can be assured they're taking good care of their mouths after they part with their

toothbrush and floss in the morning and then spend long days out and about that often stretch well into the evening. Prof. Coan joined several other healthcare professionals from around the country in sharing with the *Everyday Health* publication tips to keep teeth clean and breath fresh when on the go – check out their advice at <http://www.everydayhealth.com/dental-health-pictures/your-on-the-go-kit-for-dental-health.aspx#/slide-1>.



Dr. Jeffrey Dean

WHAT TO DO ABOUT TINY KIDS WITH MOUTHS FULL OF CAVITIES: DR. DEAN INTERVIEWED FOR RADIO SHOW. In June, Dr. Jeffrey Dean, executive associate dean and Ralph E. McDonald Professor of Pediatric Dentistry, was a guest healthcare expert on *Sound Medicine*, the radio program co-produced by the IU School of Medicine and WFYI Public Radio (90.1 FM). He discussed findings by the Centers for Disease Control and Prevention that the number of preschoolers having multiple cavities is on the rise for the first time in four decades. You can listen to his interview (and also another by Dr. Peter Lockhart of the Carolinas Medical Center, who questions the link between periodontal health and heart disease) by going to *Sound Medicine*'s Facebook page (<http://www.facebook.com/soundmed>). Choose the June 8 story link (positioned to the right of *Sound Medicine* host Barbara Lewis' photo), then the podcast link in the second paragraph of the news release (highlighted in red), and then the free June 10th iTunes segment.



Dental student Allison Scully shares her toothbrushing know-how at PBS Kids in the Park. Event photos by Tim Centers

WE'RE GONNA NEED A BIGGER BOAT TENT: IUSD KIDS CLUB INCREASES ITS FOOTPRINT AND RAISES ITS PROFILE AT 'KIDS IN THE PARK' EVENT. Pediatric Dentistry faculty member Heather Taylor reports

that IU Dentistry’s presence at the annual PBS Kids in the Park, sponsored by WFYI, was bigger and better than ever – literally.

“WFYI gave us a larger tent this year, and I was able to utilize the space by offering tables of different activities,” says Heather, who organized the school’s volunteers for this event, held in Military Park on June 9. One table was set up with educational information about dentistry and the dental school, another provided snack and sugar content details, another served as an art center where kids could draw pictures and work puzzles of the human mouth, and at a fourth table children played a “drill ’em and fill ’em” game while the adults brushed up on their knowledge of plaque.

The Toothfairy, aka dental student **Lauren Mummert**, attracted many event-goers to the dental school booth from a crowd of several thousand.



Employees volunteered, too, including staff member Damon Spight (left) and faculty member Heather Taylor.



Kids in the Park dental hygiene and dental student volunteers Linh Mai, Jennifer Terhaar, and Borzou Ouranos (left photo) and Jeannie Duong chatting with booth visitors

“We were *very busy* the entire event,” says Heather. “Children enjoyed our booth – and even parents learned some things they didn’t know, especially about snacks and sugar.”

The hub of this volunteer effort is the school’s Kids Club and the local group of Students United for America’s Toothfairy, the latter a program under the umbrella of the National Children’s Oral Health Foundation. The 2012 volunteers also included staff and faculty.

“**Dean Williams** graciously provided IU School of Dentistry polo shirts for all the volunteers,” says Heather. “With all of us dressed in maroon shirts emblazoned with the IUSD logo, our tent looked exceptional and professional.”

Volunteers in 2012 included, in addition to Heather Taylor:

Dental Hygiene Class of 2013

Jeannie Duong
Kayla Fish
Anna Lane
Mya Lechner
Linh Mai

Dental Class of 2013

Chris Foulkes
Lauren Mummert
Borzou Ouranos
Betsy Rogers

Dental Class of 2014

Megan Booe
David Heath
Melinda Landwerlen
Thuy Nguyen
Tyler Richey

Dental Class of 2015

Scott Davis
Nathan Fiebke
Behnaz Mahmoudi
Allison Scully
Jennifer Terhaar

Staff

Cynthia Grisby, Clinical Affairs
Damon Spight, Faculty Affairs

Faculty

Dr. Carrie Klene, Oral and Maxillofacial Surgery



William Heiskell, Phineas Hunt, John Hurty, George Hunt, Frederic Henshaw, David House, Maynard Hine

ADMINISTRATION WAS HEAVY ON THE H'S FOR THE FIRST HALF OF OUR HISTORY. Dental student **Van Hoang**, staff member **Meg Higgins**, and faculty member **Steven Haug** all have something in common with the early leaders of Indiana's dental school: Their last names begin with "H."

The alphabet may have 26 letters, but where Indiana's dental school leadership history is concerned, the letter "H" has by far outplayed the other 25. For the school's first 89 years in existence, all but 11 years were led by deans, acting deans, or trustee presidents having a name beginning with "H":

- Dr. William **Heiskell**: 1879-1880; 1882-1888; and 1894 (board president)
- Dr. Phineas **Hunt**: 1881 (dean); 1895-1896 (board president)
- Dr. John **Hurty**: 1897-1898 (board president)
- Dr. George **Hunt**, son of Phineas: 1899-1914 (dean)
- Dr. Frederic **Henshaw**: 1914-1918 (dean)
- Dr. David **House**: 1918 (acting dean while Dr. Henshaw was on military leave during Great War)
- Dr. Frederic **Henshaw**: 1919-1938 (dean)
- Dr. Maynard **Hine**: 1945-1968 (dean)

Another 25 years of the school were overseen by administrators in the "almost H" category: "G-men" Deans **H. William Gilmore** (1985-1996) and **Lawrence Goldblatt** (1997-2010). Rounding out our leadership group – and scattered throughout the alphabet – are:

- Dr. Seneca **Brown**: 1889-1893 (board president)
- Dr. Gerald **Timmons**: 1938-1939 (acting dean)
- Dr. William **Crawford**: 1940-1945 (dean)
- Dr. Ralph **McDonald**: 1968 (acting dean); 1969-1985 (dean)
- Dr. George **Stokey**: 1996 (acting dean)
- Dr. John **Williams**: 2010 and counting (dean)



Thomas Boehm

THOMAS BOEHM INTRODUCED IUSD TO THE INFORMATION SUPERHIGHWAY. It was with great sadness that many longtime IUSD employees learned of the June 10th death, at age 47, of **Thomas Boehm**. On the IU books he was known officially as the “research associate in administrative computing in Academic Affairs,” but he’ll be remembered as the “go-to guy” in the earliest days of our technology center.

Thomas came to the dental school in 1994 to accept the challenge of establishing the school’s electronic infrastructure. His appointment fulfilled one of the school’s 12 strategic initiatives as set forth in a document published by an IUSD Planning Committee in September 1993.

Twenty years ago it was a tough gig for tech directors who were being hired across the country to introduce large organizations to more advanced uses of computers and to get them connected to the world. Large places of employment were an unwieldy mix of employees with nonexistent computer skills, those who had already honed extensive skills elsewhere, and a few who were secretly hoping that the Selectric Typewriter would make a comeback.

At the dental school Thomas worked with about a thousand employees of every age and attitude toward computers – no small feat for a guy who upon his arrival hadn’t yet turned 30. The pressure was intense and the job exhausting, but he always tried very hard to help us. And I recall that he took great joy on the days when something going wrong finally went right – like others in his profession, he was an enthusiastic problem-solver who loved nothing better on the job than to pull someone out of a computer quagmire.

As the new computer network manager, Thomas and his staff updated the school’s existing computers, installed about 70 new ones, brought everyone online, launched an ongoing computer education program, created and maintained the IUSD server, and worked in tandem with the Integrated Learning Technologies Committee.

For a couple of years leading up to the turn of the century, he had to contend with the wacky world of “Y2K” – Thomas worked with a committee to hash out countless back-up plans for keeping the school’s computer system going in case the transition from December 31, 1999, to January 1, 2000, became the technological Armageddon that many tech-savvy professionals around the globe warned it could be (but ultimately wasn’t, thankfully).

Originally from Salzburg, Austria, Thomas got a kick out of the fact that many Americans he met in his work thought he was Australian.

By the time he departed IUSD in 2000 he had established a strong, thriving program that he left in the very capable hands of **John Gosney**, who in turn passed the baton a few years later to the equally capable **Nadine Florek**. Both John and Nadine have substantially expanded and improved upon Thomas’ program, and we anticipate a new generation of advancements as the School of Medicine’s **Vince Sheehan** assumes additional duties as Dentistry’s chief information officer and dean of Information Technology. Vince will work with Dentistry’s internal group, including Nadine as Technical Services manager, to continue to build upon the solid foundation laid by Thomas.

Thomas Boehm will always hold a place in IUSD’s history as Dentistry’s dedicated pioneer in online computing. He leaves behind a wife and son.

Send News Items:

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