

COMING UP

Indiana University School of Dentistry News and Events



**A thankful heart is not only the greatest virtue,
but the parent of all the other virtues.—Cicero**

**Forever on Thanksgiving Day
The heart will find the pathway home. — Wilbur D. Nesbit**

**As we express our gratitude, we must never forget that the highest appreciation
is not to utter words, but to live by them.—John F. Kennedy**

Thanksgiving, man. Not a good day to be my pants.—Kevin James

November 2012

IS A TB TEST ON YOUR TO-DO LIST? If you haven't yet visited IUPUI Health Services to take your required TB skin test you must do so this month, unless you are a member of one of the first-year IUSD classes or you have had the test within the past year. See Dr. **Jack Schaaf's** Oct. 2 email for all the details.

1 (Thurs.)

PROPOSAL SUBMISSION DEADLINE for Student Research Subcommittee's Nov. 15 meeting



The IU School of Medicine's annual ART EXHIBITION is today from 10 a.m. to 4 p.m. at The John D. VanNuys Medical Science Atrium. "Scientific Inquiry, Artistic Expression" showcases the work of students, alumni, and employees of the IU Schools of Medicine, Dentistry, Nursing, and Health and Rehabilitation Sciences; and the VA, Wishard, and IU Health Systems. After today the exhibition moves to the IUPUI Campus Center's Cultural Arts Gallery, where it will be displayed Nov. 5-30: <http://medicine.iu.edu/art>.



Last chance to donate to the National Children's Oral Health Foundation: *AMERICA'S TOOTHPAIRY* if you want to wear jeans to IUSD tomorrow. Your donation to this outstanding charitable organization will be used by IUSD to provide much-needed dental care to youngsters from impoverished families. IUSD has been proud to serve since February as the NCOHF's "Affiliate of the Year." Bring your 5 bucks (more bucks always welcome, of course) in cash or checks to:

Julie LeHunt – DS S110

Dee LePak – DS224

Kim Fields – DS323

Yvonne Baynham – DS S405A

Ashley Ramey – RG4201

You can learn all about the foundation at its website: <http://www.ncohf.org>.



HOLIDAY NIGHT. Mark your calendars for Wednesday, Dec. 12, 6:30-9 p.m., when the IUPUI Alumni Relations Office will be presenting its ALUMNI HOLIDAY NIGHT at the Indianapolis Children's Museum. IUPUI students, staff, and faculty are welcome. Ticket and registration info are here: www.alumni.iupui.edu.

2 (Fri.)

Indiana Section of the American Association for Dental Research presents BENS: A NOVEL REGULATOR OF BONE/CARTILAGE HEALING, by Dr. **Nawaf Labban**, PhD candidate; noon-1 p.m. in DS S116. Everyone welcome, and no registration required.

2, 3 (Fri., Sat.)

INDIANA DENTAL HYGIENISTS' ASSOCIATION annual session, Embassy Suites Indianapolis North

3 (Sat.)

Final day of AMERICAN COLLEGE OF PROSTHODONTISTS annual session, Baltimore

4 (Sun.)

2 Becomes 1 on 4 for an extra 60. Tonight's the night when the Sandman turns 2 a.m. into 1 a.m. – to keep things simple, set your clocks back before you go to bed and spend an extra hour catching up on your zzz's.

6 (Tues.)



DID YOUR POLL SITE CHANGE? ELECTION POLLS are open from 6 a.m. to 6 p.m. today. If you know your precinct number, check this Indy Gov site to be sure your poll site hasn't moved. I was surprised to see that mine had because I haven't yet received a notice:
<http://www.indy.gov/eGov/county/clerk/election/pages/home.aspx>.

8 (Thurs.)

Convenient in-house OPEN ENROLLMENT 2013 session to discuss employee health insurance and other benefit plans, 1-2:30 p.m. for overview and 2:30-4 p.m. for Q&A, in DS114. Open Enrollment will once again be online, this year from Nov. 5 through Nov. 16.

9 Fri.)

CE course STREET DRUGS EXPOSED: WHAT YOUR PATIENTS AND YOUR KIDS ARE *NOT* TELLING YOU, by **Harold Crossley**, DDS. Registration information is at the Indiana Dental Association/IUSD Academy of Continuing Education link on the CE site:
<http://www.iusd.iupui.edu/departments/education/continuing-education>.

10-18 (Sat.-Sun.)



CAN YOU HELP? YES, YOU CAN. AND ALL IT TAKES IS JUST ONE CAN. In honor of Hunger and Homelessness Awareness Week, please support IUPUI's time-honored JAM THE JAGUAR PANTRY charitable event, which this year is a collaborative venture with the Coalition for Homelessness Intervention and Prevention. The IUSD Staff Council's **Lasheka Person** reminds us that in addition to bringing items from your kitchen cupboards to help fill the bins that are located at elevators throughout

the school, donated funds will be put to excellent use for buying in bulk, thus reaching even more people who are in need this season (see the Oct. 31 email Lasheka sent you for details, or send her an email, lserson@iupui.edu). Even one can or box or package of food can prevent a disadvantaged child or adult from going to bed hungry. Check out this event through the IUPUI Office of Student Involvement, Division of Student Life: <http://life.iupui.edu/osi/volunteer/events/hunger.html>.

14-17 (Wed.-Sat.)

AMERICAN ACADEMY OF ORAL AND MAXILLOFACIAL RADIOLOGY annual meeting, Savannah, Ga.

15 (Thurs.)

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

DEAN'S TOWNHALL for students, staff, and faculty; noon in DS S116

16 (Fri.)

RESEARCH COMMITTEE, 9 a.m. in DS S421

FINAL DAY TO SUBMIT CHANGES TO HEALTH INSURANCE AND OTHER BENEFITS PROGRAMS FOR 2013

17 (Sat.)



With Tell City in their rearview mirror, members of the IUPUI Tobacco Cessation and Biobehavioral Group are on the road to Richmond – and several other towns – to help medical and dental healthcare providers help their patients quit smoking. Throughout the 2012-2013 academic year, a five-member team of tobacco experts is traveling around the Hoosier state talking to healthcare providers about strategies to help their patients deal with tobacco addiction. The effort is a collaboration of the IUPUI tobacco group with the Indiana Dental Hygienists' Association, IUSD, IU medical school's Division of Continuing Medical Education, and IU nursing school's Office of Lifelong Learning.

The free continuing education course, titled HOW TO HELP YOUR PATIENTS QUIT: PRACTICAL, IN-OFFICE APPROACHES FOR TACKLING THE PROBLEM OF TOBACCO, targets both medical and dental personnel in cities that are known to have high rates of tobacco use among adults. The program is offered at no charge, thanks to a grant from the Indiana State Department of Health's Tobacco Cessation and Prevention Commission.

The group is composed of Prof. **Lorinda Coan**, Periodontics and Allied Dental Programs; Drs. **Laura Romito** and **Jack Windsor**, Oral Biology; Professor Emeritus **Arden Christen**; and Dr. **Stephen Jay**, an IU professor of medicine who formerly served as founding chair of IU's Department of Public Health. The professors are presenting in Richmond today, after having completed a course in Tell City in October. More courses are scheduled for Madison on Dec. 1, Lafayette on Feb. 23, Vincennes on April 13, and

Goshen on May 4. To learn more about the program, see this IU news release:
<http://communications.medicine.iu.edu/newsroom/stories/2012/practical-approaches-for-tackling-tobacco-addiction-topic-of-pro>. To register for a course, go to
<http://www.cme.medicine.iu.edu/courses>.

19 (Mon.)

Student scholarship recipients and scholarship donors and supporters gather today for the annual IUSD SCHOLARSHIP LUNCHEON at University Place Hotel's Scholars Hall. By invitation.

22, 23 (Thurs., Fri.)

THANKSGIVING HOLIDAY BREAK (H7 and H8). School of Dentistry closed. The Library closes for the holiday at 5 p.m. on Wed., Nov. 21, and reopens with regular hours on Monday, Nov. 26.

30 (Fri.)

LAST DAY OF FIRST SEMESTER CLASSES for dental assisting and graduate students



Arthur Dugoni

American Student Dental Association's STUDENT CONVENTION AND VENDORS FAIR from noon to 4:30 p.m. at the Campus Center will feature representatives from more than 30 companies and organizations and a variety of other activities. Comp Care Clinics are closed for the afternoon. IUSD is pleased to welcome back to Indianapolis featured speaker Dr. **Arthur Dugoni**, dean emeritus of the University of the Pacific Arthur A. Dugoni School of Dentistry in San Francisco and a preeminent leader in dentistry in America. The Dugoni Lecture begins at 2. A past president of both the American Dental Association and the American Dental Education Association, Dr. Dugoni has participated in student events at IUSD on multiple occasions and was the commencement speaker for the IUSD Classes of 2006. He is a well known proponent of the humanistic model of dental education; in a videotaped interview at the following University of the Pacific link he talks about a variety of topics, including the way he went about building the humanistic model during his long and distinguished deanship:
http://www.dental.pacific.edu/The_Dugoni_Experience/Arthur_A_Dugoni_in_His_Own_Words.html.

People, Places, and Things



Brittany Lane (left), Dhara Patel, Andrew Nerness, and Fernanda Hamilton

NEW OFFICERS. The Advanced Graduate Committee (formerly the IUSD Graduate Student Council) is under management this academic year by graduate student officers Dr. **Brittany Lane**, Periodontics, president and primary contact for the IUPUI Graduate Student Office (GSO); Dr. **Dhara Patel**, Prosthodontics, and Dr. **Andrew Nerness**, Endodontics, GSO co-alternates; and Dr. **Fernanda Hamilton**, Operative Dentistry/Preventive Dentistry, treasurer. Dr. **Richard Gregory**, director of the PhD Dental Science and Student Research Programs, continues as faculty adviser.

NEWSMAKERS AND NEWS LINKS



Andrea Ferreira Zandona

• **Prevention instead of treatment: detecting dental caries in the earliest stages.** Many of you will recall a few years ago when Dr. **Andrea Ferreira Zandona**, Preventive and Community Dentistry, received a \$3.4 million, multi-year grant from the National Institutes of Health to study the development process for dental caries, with the ultimate goal of helping dentists identify which at-risk sites on teeth are likely to become decayed if no preventive steps are taken. Well, that study has now been completed and the results published in the September 2012 issue of the *Journal of Dental Research*. Dr. Zandona's team, which conducted the research at IUSD and the University of Puerto Rico, studied the effectiveness of a caries detection examination developed over the past few years by IU faculty and a small group of international researchers. The International Caries Detection and Assessment System – ICDAS for short – is a standardized visual exam that is dental office friendly and does not require dentists to use any special equipment. The researchers concluded that characterization of lesion severity with ICDAS can be a strong predictor of lesion progression to cavitation. With an interest in implementing this caries detection system in dental schools, Dr. Zandona recently presented an ICDAS training course to dental faculty at the University of Florida. You can read more about the study and the training program in this IU news release and University of Florida web posting: <http://newscenter.iupui.edu/5830/IUled-research-will-help-dentists-determine-potential-cavity-sites-offer-preventive-treatment>; <http://dental.ufl.edu/2012/10/24/nascimento-coordinates-dental-caries-detection-training>.

•**High profile point of view.** IUSD graduate Dr. **David Holwager**, who returned to Indy in September with other members of the DDS Class of 1982 to celebrate their 30th reunion at the IUSD Fall Dental Alumni Conference, is the chair of the ADA Council on Access, Prevention, and Interprofessional Relations. In the Sept. 3, 2012 issue of the *ADA News*, Dr. Holwager wrote the lead article for the “My View” column in which he described the council’s commitment to building bridges of communication between the dental private practice and dental public health environments, and the council’s development of a Public Health Advisory Committee. Check out his *ADA News* column here: <http://www.ada.org/7552.aspx>.

•**New grant supports student diversity.** Dr. **Pamella Shaw**, associate dean for Diversity, Equity, and Inclusion, will use a grant IUSD has received from the Dental Pipeline National Learning Institute to increase diversity of students entering dental programs here. The grant is supported by the Robert Wood Johnson Foundation and was presented by the ADEA and University of the Pacific Arthur A. Dugoni School of Dentistry. Check out all the details in this IU news release: <http://newscenter.iupui.edu/5800/IU-dental-school-receives-grant-to-increase-diversity-of-students-entering-dental-programs>.

• **Presidential gavel passed to Nappanee dentist.** Congratulations to Dr. **Joe Baumgartner**, IU dental class of 1979 and practitioner in Nappanee, Ind., who has taken the presidential reins of the IUSD Alumni Association board for 2012-2013. Dr. Baumgartner has served on the board since 2004. As president, he oversees 38 members, including 24 directors and officers who produce one of IU’s longest-running annual alumni conferences, established in 1942, and who manage fundraisers to support scholarship and service-learning programs for our school’s students. Indiana’s 133-year-old dental school has more than 12,000 living alumni residing in the U.S. and about 30 other nations. As this IU news release describes, Dr. Baumgartner has long been a leader in his north central Indiana community: <http://newscenter.iupui.edu/5835/Nappanee-dentist-Joe-Baumgartner-heads-IU-School-of-Dentistry-Alumni-Association-board>.

•**SurgiTel grant for Pediatric Dentistry aids youngsters in need.** The IU School of Dentistry continues to benefit from its affiliation with the National Children’s Oral Health Foundation: *America’s ToothFairy*, including most recently a \$10,000 SurgiTel grant awarded to the Pediatric Dentistry department to use in providing oral health services and education to children in need. “This wonderful donation from SurgiTel means that we can provide comprehensive dental care and oral health education for many more children who have no dental insurance and are living in families with low incomes,” said Dr. **Joan Kowolik**, director of predoctoral pediatric dentistry. You can read more about the grant in this NCOHF news release: http://www.ncohf.org/assets/2349/IUSD_Awarded_SurgiTel_Grant_from_NCOHF_10-12.pdf.



"Pumpkin Patch" volunteers put a friendly face on oral health education for the public: Stephanie Parker (left), Ingrid Scott, Sara Pardieck, and Kylie Rivers, all dental hygiene students.

KIDS CLUB AND STUDENTS UNITED FOR AMERICA'S TOOTHFAIRY CARVE THEIR NICHE IN THE PUMPKIN PATCH. The IU School of Dentistry's large and ever-growing body of student volunteers, known as the Kids Club and Students United for America's ToothFairy, has been busy this fall reaching out to the community through a variety of health fairs and other events. One example is October's Pumpkin Patch Festival, presented by IU Health North Hospital and the RE/MAX Legends Group. The dental school's on-site team – 16 members strong – provided oral health education and dental screenings to the festival-goers. Representing the dental hygiene classes: **Amy Fuhrman, Sara Pardieck, Kylie Rivers, and Ingrid Scott, DH2;** and **Stephanie Parker, DH1.** Representing the dental classes: **Amanda Bradley, Lindsay DeSantis, Marisa Kendra, Taylor Kendra, Allison Scully, and Sophia Tekle, D2;** and **Dante Carlascio and Nathan Stanley, D4.** Faculty volunteers: Dr. **Judith Chin** and **Heather Taylor,** both of Pediatric Dentistry; and Dr. **Armando Soto,** Preventive and Community Dentistry.

5 of IUSD'S FINEST: STAFF, FACULTY RECOGNIZED AT ANNUAL CONFERENCES. Congratulations to five employees of the IU School of Dentistry who were honored and recognized at the annual faculty and staff conferences – two for their efforts as educators, two for their work as community volunteers, and one who is in pursuit of a second degree in higher education:



JOSEPH LEGAN, INDIANA DENTAL ASSOCIATION OUTSTANDING TEACHER OF THE YEAR. Dr. **Joe Legan**, clinical associate professor of endodontics, has served the IU School of Dentistry with steadfast excellence for 22 years and has remained a popular teacher with students as director of predoctoral endodontics. His efforts are also valued at the graduate level, where his work has included service on dozens of graduate student research committees. The multiple IU Trustees Teaching Awards Dr. Legan has received over the years are highly deserved and reflect the teaching expertise that he developed over 50 years and during not one but two careers. A diplomate of the American Board of Endodontics, Dr. Legan came to IU as a recent retiree of the U.S. Air Force whose final positions were endodontics chair at the USAF Medical Center on Keesler Air Force Base in Mississippi and Louisiana State University professor. During his military career he also headed USAF endodontics programs on bases in West Germany, California, Colorado, and Ohio. Dr. Legan's nomination letter also cites the dental services he has provided to youngsters at Riley Children's Hospital. He is now a two-time recipient of an IDA award, having been named the Outstanding Faculty of the Year in 2002.



STEVEN BLANCHARD, INDIANA DENTAL ASSOCIATION OUTSTANDING FACULTY OF THE YEAR. Like Dr. Legan, Dr. **Steven Blanchard**, associate professor of periodontics and director of the graduate periodontics program, is no stranger to the IDA's faculty awards program. He received the Outstanding Teacher award in 2005 and again in 2010. Dr. Blanchard came to IU after retiring from the U.S. Air Force, and in his 10 short years with the dental school he has emerged as one of Dentistry's shining stars in teaching, community service, and the periodontics specialty community. During his IU career Dr. Blanchard has been heavily involved in many facets of both the graduate and predoctoral programs, and he has received IU Trustees Teaching Awards for his efforts. He developed an International Service Learning program in Honduras that draws dental students and graduate students into a collaborative experience working with impoverished communities. IUSD took pride in 2009 when Dr. Blanchard was named director of the American Board of Periodontology, and we were prouder still this fall, when Dr. Blanchard accepted the American Academy of Periodontology's 2012 Humanitarian Award for his work in Honduras and the Trinity Free Clinic in Hamilton County, among other programs.



SHARON GWINN, DONALD W. JOHNSON COMMUNITY SERVICE STAFF AWARD. The nomination letter for **Sharon Gwinn**, infection control coordinator in Preventive and Community Dentistry and an IUSD staff member since 1975, praises the 10 years she has guided the infection control efforts of the IUSD International Service Learning programs. She has developed infection control protocols that can be carried out in less than optimal environments and has helped to secure equipment and supplies needed to keep hundreds of IUSD students and thousands of international patients safe from cross contamination. In June 2012, Sharon went well beyond the proverbial extra mile by using two weeks of her vacation time and paying her own way to Kenya to help Moi University School of Dentistry develop an infection control plan for its new dental clinic. Sharon accompanied a team of IUSD students and faculty who worked with Moi University students and faculty in community-based settings. She provided lectures for the staff, students, and faculty and helped them to think creatively about how to accomplish infection control with the sparse available resources. Her creative teaching and innovative recommendations, says her nominator, will undoubtedly contribute to the prevention of serious disease transmission in an environment that has a high prevalence of tuberculosis and HIV.



KELTON STEWART, DONALD W. JOHNSON COMMUNITY SERVICE FACULTY AWARD. Dr. **Kelton Stewart**, assistant professor of orthodontics and director of the orthodontics clinic, strives to serve the Indiana community whenever possible, says his nomination letter. He plays a role in numerous community health fairs and such endeavors as IUSD's Shelter Sealant Program and Indiana Black Expo. A member of the IUSD faculty since 2008, he has used his involvement in the community as an opportunity to expand his role as an educator and ambassador for the dental profession, inspiring the next generation of dental professionals through his work with the Pike High School Healthcare Careers College Jump-Start Program, IUPUI Step onto Campus Career Fair, IUSD Dental Summer Institute, and IUSD International Service Learning programs in Honduras and Yucatan, Mexico. He has also invested substantial energy in service to the dental profession. He currently is a reviewer for several international journals, secretary for the ADEA Section on Orthodontics, member of the governing board for the Student Clinicians of the American Dental Association, and test-item constructor for the Joint Commission on National Dental Examinations.



JENNIFER McKEE, RECIPIENT OF THE IUSD STAFF COUNCIL SCHOLARSHIP. Jennifer

McKee, a dental hygienist and the clinic coordinator for Dental Faculty Practice, graduated from IU with an associate's degree in dental hygiene in 1997 and began working for IUSD in 2001. In 2009, this busy full-time staff member and mother of two began to pursue her long-held goal of further advancing her studies in higher education. She's been taking coursework for the Bachelor of General Studies degree, with a minor in psychology, through IUPUI's Continuing Learning Network, and has long-range plans to apply to the School of Education's master's degree program in adult education after she completes the BGS.

Jen wrote an absolutely beautiful scholarship application essay that reveals her strong sense of commitment to make the most of her education – not just by enriching her own life experience but by sharing knowledge with others.

“My plans are to be able to one day pass on the love of my profession of dental hygiene through a role in education,” Jennifer wrote. “I want to teach another generation of dental hygienists to honor their patients by being the best clinician they can be.”

And she has her own son and daughter in mind as well. “Although it is often hectic juggling all of my roles – mom, wife, volunteer, dental hygienist, sister, daughter, friend, and student – I feel that it is my responsibility and duty to do so because I am able,” she wrote. “I believe that one of the best ways to motivate others is to lead by example, and I am thrilled to serve as a role model for my own children as a student.”

Last spring, Jen was honored to be invited by the IUPUI Continuing Learning Network to represent her degree program as a guest student at the IUPUI Spirit of Philanthropy luncheon, and she says she was honored and humbled to find that she had been nominated by her academic adviser for one of IUPUI's annual student achievement awards.

“I found myself feeling even more motivated to make these individuals proud by continuing to strive for academic excellence in my student role,” she wrote.

Congratulations on your scholarship, Jen, and best wishes to you as you continue to pursue your studies – the BGS program is lucky to have you, and we have no doubt that someday the adult education master's program will be, too!



\$3 TOOTHBRUSH SAVES A \$100 BILLION SPACE STATION. When six astronauts on the International Space Station recently found themselves up a creek without a paddle – or whatever the extraterrestrial version of that predicament is – the humble toothbrush came to the rescue, fixing what NASA’s high-tech instruments could not. You can read *The Atlantic* magazine’s report of this fascinating brush with outer space by **Megan Garber** at this link:

<http://www.theatlantic.com/technology/archive/2012/09/behold-the-toothbrush-that-just-saved-the-international-space-station/262035/>. Thanks to **Wendy Senour** of Academic Affairs for spotting this.

SLOVENIAN MAN WITH A TOOTHACHE MAY HAVE HAD IT TREATED WITH BEESWAX – 6,500 YEARS AGO. A group of Italian and Australian researchers believe they may have identified the earliest known direct evidence of a therapeutic-palliative dental filling. Their high-tech study of a canine crown, titled “Beeswax as Dental Filling on a Neolithic Human Tooth,” was published Sept. 19, 2012 in PLOS ONE, a peer-reviewed, open-access journal:

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0044904>.



Photo submitted by dental assisting faculty member Sheri Alderson (holding leash in center)

HONORING ELIZABETH. For those of you who never had the pleasure of knowing her, **Elizabeth Hughes** was a beloved professor of dental hygiene at IU and a devoted friend to many in this school. Her friends, colleagues, and family honor her memory by participating in the Ovarian Cancer Run & Walk each September, including the group shown above from the 2012 event in downtown Indy. Diagnosed with the disease in 2009, Elizabeth is remembered as a unique human being who preserved her abundant sense of humor throughout her battle, and who faced cancer in a forthright manner that remained true to her own philosophies on life, living, death, and dying. She's still dearly missed every day at 1121 W. Michigan.



Elizabeth Hughes
1947-2011

End November 2012 Calendar

Send items for the December 2012 calendar by November 26: Indiana University School of Dentistry, Room DS B32, 1121 West Michigan Street, Indianapolis IN 46202-5186. Editor: Susan Crum. Fax: (317) 274-7188. E-mail: smcrum@iupui.edu.

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