

COMING UP

Indiana University School of Dentistry Calendar of Events



This big group shows only a few of the IUSD students and faculty who have offered their service as Saturday clinic volunteers: BACK ROW, from left: Dr. Jeffrey Dean, Dr. Karen Yoder, Neal Patel, Osean Soh, Shaun Freeman (in front of Osean), Devin Shone, Jason Hua, Bryan Burrows, Charla McGough, Christine Foulkes, Daniel Stackowicz (behind Christine), Michael Reider, Kat So (in front of Michael), Janie Beckwith, Annissa Michael, Derek Vajda, Stephanie So (in front of Derek), Erica Kight, Ross Reid (behind Erica), Kurush Savabi, Tim Surber, and Dr. Timothy Carlson. FRONT ROW: Anait Balasanyan, Van Hoang, Cat-Nhan Do, Maya Gendlin, Julie Byers, Jillian Smith, Laura Davila (in front of Jillian), Jennifer Sitjar, Kavita Nana, Melissa Santilli (kneeling), and Carolyn Dundon. Not pictured is Ryan Hungate.

October 2011

IUSD Student Outreach Clinic Opens Its Doors

Good as Gold: IUSD Profs and Indy Host American Academy of Gold Foil Operators Annual Session: Come to Free Demo on Oct. 13

*Dr. Angela Bruzzaniti and Medical School Colleague
to Use 5-Year NIH Grant to Study the Process of Bone Formation*

Taking Care of Business in October: CPR Training, TB Tests, Flu Shots

October dates for CPR TRAINING for full- and part-time clinical faculty and staff: Oct. 10 and 12 (both 1:30-5 p.m.) and 14 and 18 (both 8:30 a.m.-noon) at Walker Plaza 201A. Register with **Kathy Thompson** (274-8841; kthomps@iupui.edu.)



Shakespeare
TB – or Not TB.

IUPUI Health Services is administering TB SKIN TESTS this fall, and as usual everyone at the dental school who has NOT had a test within the last year must satisfy this requirement during October or November. You can be tested at the IUPUI Health Services clinic (Coleman Hall) every weekday except Thursday, and you must return to the clinic to have the test read within 48-72 hours. Clinic hours are 7:30 a.m. to noon (except Thursday, when the clinic opens at 9) and 1 to 5 p.m. Arrangements have been made for part-time faculty to have their tests taken at Immediate Care centers in the city if they prefer. For the full details, refer to the email that Dr. **Jack Schaaf** sent you on Sept. 13.

7 (Fri.)

LAST DAY TO REGISTER FOR STAFF CONFERENCE. Also, staff: Today is also your deadline to submit your plans for the conference's entertainment. Performing artists submit to **Pamela Clark**, non-performing artists and crafters to **Monica Doyle**, and dessert chefs to **Ina Jackson**.

Last day to submit nominations for the 2011 JOHNSON COMMUNITY SERVICE STAFF AWARD (**Jill Allen**, allenbj@iupui.edu; Dental Faculty Private Practice DS285).

RESEARCH COMMITTEE, 9 a.m. in DS S421

7-10 (Fri.-Mon.)

USA SECTION INTERNATIONAL COLLEGE OF DENTISTS annual meeting, Las Vegas

9-15 (Sun.-Sat.)



Christina Freeman, left, and Deborah Stewart

INTERNATIONAL ASSOCIATION OF HEALTHCARE CENTRAL SERVICE MATERIAL MANAGEMENT WEEK. The name may be a mouthful, but the week of Oct. 9, which was recently dedicated to central services in healthcare by Governor **Mitch Daniels** by official proclamation, is an important reminder to all of us to be grateful for and appreciative of the employees in healthcare settings who work extremely hard to protect the health of patients and clinical care providers during the practice of medicine and dentistry.

The IU School of Dentistry's five-star group in Central Sterilization and Services is led by **Christina Freeman**, who also manages IUSD's infection control services. She and **Deborah Stewart**, Central Services coordinator, are both longtime certified members of the International Association of Healthcare Central Service Material Management. To keep their certification active they take 12 credit hours of continuing education annually on topics pertinent to infection control and central services. Christina participates in the organization's national annual session for a week each year, and Deborah participates in two seminars annually. Christina received a copy of the Governor's proclamation for display in her department.

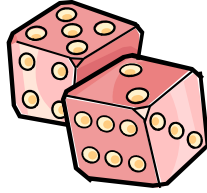
For those of us who are long enough in the tooth to remember the IU dental school in the heyday of wet-finger dentistry, we bow to the expertise of these highly skilled and dedicated employees and the entire Central Sterilization and Services unit. Thank you for everything you do to maintain excellence and safety in our healthcare facility, which schedules more than 110,000 patient appointments every year.

10 (Mon.)

IN-HOUSE FLU IMMUNIZATIONS for all students and employees, 2-4 p.m. in DS S421. Bring your JagTag.

10, 11 (Mon, Tues.)

AMERICAN COLLEGE OF DENTISTS annual meeting, Las Vegas. At this meeting IUSD faculty member Dr. **Larry Garetto** and three of his ethics colleagues in California and Oregon will conduct a seven-hour course in dental ethics for ACD members that is geared toward ACD sections that facilitate ethics programs for dental students. The Dental Ethics Facilitator Training is open, however, to all dentists, dental students, educators, and dental hygienists. Dr. Garetto serves as the liaison to the ACD for the American Society for Dental Ethics.



10-13 (Mon.-Thurs.)

AMERICAN DENTAL ASSOCIATION annual session, Las Vegas

MOVE OVER, MR. SPIELBERG. Five of IU's dental students will have a high profile at the ADA meeting this year because of the honorable mention they received in the ADA Student Ethics Video Contest. There was only one winner and one honorable mention in this contest, so our group did exceptionally well. For their efforts on producing a video titled "Back to Basics," the following students will split \$1,000 in prize money, and will have their work of art displayed in a special ADA exhibit in Las Vegas. The contest was sponsored by the ADA Council of Ethics, Bylaws, and Judicial Affairs. Congratulations to our budding movie-makers: **Ewelina Ciula D13**, **Katherine Hungate D12**, **Gabrielle Johnson D14**, **Tadziu (Theodore) Kula D14**, and **Ali Sajadi D12**.

10-14 (Mon.-Fri.)

AMERICAN DENTAL ASSISTANTS ASSOCIATION annual session, Las Vegas

12 (Wed.)

DELTA SIGMA DELTA BLOOD DRIVE, 10 a.m.-2 p.m. in the Indiana Blood Center Blood-Mobile situated on the south side of the dental school. By appointment. Contact **Kevin Flannagan**, or refer to the email he sent you on Oct. 3.

Deadline to submit materials for your STAFF SCHOLARSHIP APPLICATION is today at 5 p.m. Submit to **Elizabeth Hatcher** (ehatcher@iupui.edu; DS 102).

Dean **John Williams**, the IU School of Dentistry, the Indiana Dental Association, and the IUSD Alumni Association invite everyone to an INDIANA RECEPTION in association with the American Dental Association annual session; 5:30-7 p.m. at the MGM Grand Hotel, Room 104, 3799 Las Vegas Boulevard South, Las Vegas. RSVP to **Karen Jones** at 274-8959; kdeery@iupui.edu.

12-15 (Wed.-Sat.)

IUSD is pleased to welcome the national annual meeting of the AMERICAN ACADEMY OF GOLD FOIL OPERATORS, headquartered at University Place Hotel. Local members of the organization are Drs. **Timothy Carlson**, **Chris Guba**, and **Melvin Lund**, retired professor Dr. **Michael Cochran**, and former professor Dr. **Ronald Harris**.

On Thursday, Oct. 13, a dozen private practitioners from this group are inviting faculty, staff, and students to a demonstration of direct gold restorations in Clinic G between 8 a.m. and noon. "The members are providing their own gold and are placing the restorations at no charge to the patients," says Dr. Carlson, who is coordinating the clinical session and patient selection – contact him for more details.

13-15 (Thurs.-Sat.)

ACADEMY OF DENTAL MATERIALS annual meeting, Costa de Sauipe, Bahia, Brazil

14 (Fri.)

PROPOSAL SUBMISSION DEADLINE for Student Research Subcommittee's Oct. 28 meeting

14, 15 (Fri., Sat.)

NORTHEAST REGIONAL BOARDS, held at IUSD

14-16 (Fri.-Sun.)

The IUSD Department of Oral Pathology, Medicine, and Radiology hosts the 2011 meeting of the EASTERN SOCIETY OF TEACHERS OF ORAL PATHOLOGY, Courtyard by Marriott at the Capitol in downtown Indy. Saturday morning's seminar, "Imaging of the Maxillofacial Complex: Radiologic-Pathologic Correlations," is by Dr. **Kristine Mosier**, chief of head and neck imaging in the IU medical school's Department of Radiology. Registration is \$210 for pathologists and \$185 for graduate students/residents with a letter from their program director.

17, 18 (Mon., Tues)

IUSD FACULTY AND STAFF CONFERENCES. Staff meet at the school on Monday and on the Campus Center's 4th floor on Tuesday. Faculty meeting at McCormick's Creek State Park both days. Faculty Council holds its meeting on Monday.

19-22 (Wed.-Sat.)

AMERICAN ACADEMY OF IMPLANT DENTISTRY annual meeting, Las Vegas

20 (Thurs.)

CE course ETHICAL DENTAL INSURANCE: IS THIS AN OXYMORON?, by Dr. **Harvey Weingarten**, South Bend; 6-8 pm in DS S116. Free to all IUSD faculty, staff, and students. Contact **Roxana Fuentes** (rfuentes@iupui.edu; 278-9000).

22 (Sat.)

RELAY2RILEY, a fundraiser to benefit Riley Hospital, including the hospital's Pediatric Dentistry unit. Contact **Chris Kumfer** if you'd like to join in this 30-mile relay – or even just a part of it: <https://www.firstgiving.com/rileykids/relay2riley>.



The New Location for the IUSD Group Photo with Dean Williams Is Our “Old” Location, Where the Modular Units Used to Sit -- See You on the Southwest Corner of the Dental School on the 24th.

24 (Mon.)

For our 20TH ANNUAL IUSD GROUP PHOTO, it's quite possible that some of us who have participated since the beginning will be posing alongside students or staff who weren't even born when then-IUSD photographer **Mike Halloran** shot the first picture of us with then-Dean **H. William Gilmore**. For that first experimental shot, Mike tried to squeeze all of us into his camera frame from the inadequate distance a 6-foot ladder provides. Since then, we've posed for photographers snapping away at us from on high – in borrowed cherry pickers, clinic window sills, and dental school roofs. This year, we are heading back to the dental school lawn on the southwest corner, which is finally free of the modules that occupied our perfect outdoor “studio” last year. (On this corner, the lower roof offers an ideal distance between camera and crowd.) A med school photographer will take our picture at 12:15 p.m. sharp. Please join Dean **John Williams** for our annual Dean's Group Photo if your schedule permits – for this anniversary shot, let's have such a huge turnout that we challenge even the roof-top cameraman. (Rain date: Oct. 26.)

28 (Fri.)

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

IUPUI'S 2011 HEALTH AND BENEFITS FAIR, 9 a.m.-3 p.m. at the Campus Center, 4th floor

FACULTY ENRICHMENT IN THE MORNING. No classes or clinics. Program:

9-10:30: Dr. **Tom Taylor**, University of Connecticut, IMPLANT-SUPPORTED OVERDENTURE

10:30-noon: Drs. **Trevor Treasure** and **Kyle Kramer** of the IU Department of Oral Surgery and Hospital Dentistry: CALIBRATION IN MEDICAL ASSESSMENT

DEAN'S SOCIETY DINNER, this evening at the Indiana Historical Society. Event honors donors who contributed \$1,000 or more to IUSD through the IU Foundation in the past year. By invitation.

29 (Sat.)

The CIRCLE CITY FALL SYMPOSIUM, an annual event of the Circle City Chapter of the Association of Clinical Research Professionals, is today at the University Place Conference Center. We are pleased to note that this year our own **Melissa Mau**, clinical research administrator in Preventive and Community Dentistry, is serving as president of the Circle City Chapter. The chapter has arranged a fascinating program titled “Excellence in Research: Issues in the Ethical Conduct of Research.” Among the speakers are IUSD professor Dr. **Michael Kowolik**, associate dean for Graduate Education, who will address bioethics in international research; and keynote speaker **Eva Kor**, a survivor of Dr. Josef Mengele's experiments with twins in Auschwitz during World War II. You can take a peek at the agenda here. Registration is required – contact Melissa for fees and other details:

<http://www.acrpnet.org/PDF/chapters/Agenda%20Circle%20City.pdf>

The Northeastern Indiana Amish community's 2011 DUTCH DINNER fundraiser benefits the Community Dental Clinic in LaGrange County and will help launch the Community Health Clinic, beginning at 3:45 p.m. at the Beechy Farm in Wolcottville. IUSD faculty and staff are invited; tickets are \$200 per person or \$1,000 for a table of six. Responses are due by Oct. 15. For more details and a response card, employees can refer to the Oct. 3 email message from Dr. **Karen Yoder**.

Oct. 30-Nov. 1 (Sun.-Tues.)



Dr. Steven Haug

Over the past several years we have been reporting on his rise through the ranks of the distinguished AMERICAN ACADEMY OF MAXILLOFACIAL PROSTHETICS, and the top spot has finally arrived: Congratulations to Dr. **Steven Haug**, Restorative Dentistry, who will be installed as national president of the academy during its 59th annual session in Scottsdale, Ariz.

A dental graduate of the State University of New York at Stony Brook, Dr. Haug has taught on the IU dental faculty since 1988 and has held the rank of professor of prosthodontics since 2001. He completed his prosthodontic training at the Medical College of Georgia as well a fellowship in maxillofacial prosthetics at the University of Missouri – Kansas City. He also holds a master's degree in dental materials from IU.

He attained diplomate status in the American Board of Prosthodontics and was named a fellow of the American College of Prosthodontists in 1990. He presided over the college's Indiana section in 1993-94. He has been a fellow of the academy he will now lead for 17 years.

31 (Mon.)



People, Places, and Things



Clinic volunteers Stephanie So (left), Laura Davila, Kat So, Kurush Savabi

IUSD STUDENT OUTREACH CLINIC PROVIDES SATURDAY CARE TO RESIDENTS OF NEAR EASTSIDE NEIGHBORHOOD. The IU School of Dentistry has partnered with the People’s Health and Dental Clinic (HealthNet) for decades through a program that got its start as the first community dentistry patient care initiative to become a part of a required course for IU dental students. That represented an enormous stride in dental education many years ago, but it has been more than matched in 2011 by the new dental care program that IUSD’s students have organized themselves – and that they are managing in their free time on the first and third Saturdays of each month. Dr. **Timothy Carlson** serves as the primary faculty mentor, and many other IU professors will be contributing to the effort as on-site teachers and supervisors.

When the call went out for student volunteers to donate a good chunk of their weekends to the care of patients in this newly built 15-chair clinic at 2340 East 10th Street, there was a thunderous reply: To date, more than 150 students have signed up to participate throughout the year.

The program is a major expansion of the oral healthcare component of the IU Student Outreach Clinic, which was started by IU medical students in 2008. Up till now, Dentistry’s participation had been limited to patient education only. The People’s new clinic makes it possible for students to offer a variety of preventive and restorative services.

The clinic’s student leaders are **Laura Davila, Mandy Kot, Kurush Savabi,** and **Stephanie So**, all of the DDS Class of 2012. As two of the 17 members of the inaugural class of Albert Schweitzer Fellows in the state of Indiana, Kurush and Stephanie have teamed up for their Schweitzer project to address the oral health needs of underserved Indianapolis residents by working to improve oral health access and utilization of dental and preventive services through clinical activities at the People’s Health and Dental Center.



Dr. Vanchit John

DR. JOHN HEADS ACADEMY'S EDUCATION COMMITTEE. At 1121 West Michigan we know him as chair of Periodontics and Allied Dental Programs, but in perio specialty circles Dr. **Vanchit John** will soon be known as chair of the Academy of Periodontology's Education Committee. Dr. John is already well acquainted with the committee through his service as a member of the group during the previous term. His two-year appointment to the chair's post will begin in November at the academy's annual session in Miami Beach, Fla.



Dr. Angela Bruzzaniti

DR. BRUZZANITI TO USE 5-YEAR NIH GRANT TO STUDY THE PROCESS OF BONE FORMATION. Oral biology professor Dr. **Angela Bruzzaniti** and one of her IU School of Medicine colleagues, Dr. **Melissa Kacena** of the Department of Orthopaedic Surgery, are using a new grant from the National Institutes of Health to study the process of bone formation and the complex series of signals involved in bone growth and bone loss – protein signals that have often been likened to “on” and “off” switches that regulate bone. The long-term goal of such research is to help in the development of treatment therapies for osteoporosis and other bone-loss diseases.

Drs. Bruzzaniti and Kacena are the principal investigators of a five-year Research Project Grant (RO1) awarded by the NIH's National Institute of Arthritis and Musculoskeletal and Skin Diseases. The medical and dental schools share the grant, which will provide about \$350,000 in funding annually between 2011 and 2016, for a total of more than \$1.7 million.

The researchers work with osteoblasts, which are cells that make new bone. They are specifically interested in regulation of the osteoblast function by megakaryocytes (MKs), which are bone marrow cells that produce the blood platelets necessary for normal blood clotting. MKs interact with the osteoblasts and increase the number of osteoblast cells in bone, and therefore increase the amount of new bone formed.

The focus of the current study is on a protein kinase (enzyme) known as Pyk2, which serves as a catalyst in signal transmission in osteoblasts. The investigators have found that Pyk2 levels in osteoblasts are controlled by MKs. The researchers hypothesize that MKs promote bone formation by controlling Pyk2 function in osteoblasts. They have designed a three-part, 60-month research study to assess Pyk2's various activities in osteoblasts as well as its role in mice. By studying the interaction of MKs and osteoblasts, and the proteins that control osteoblast growth, they hope to identify novel therapeutic approaches that stimulate bone formation for the treatment of debilitating bone diseases such as osteoporosis.



Holiday Night Just 2 Months Away

HOLIDAY NIGHT. Mark your calendars for Wednesday, Dec. 7, 6:30-9 p.m., when the IUPUI Alumni Relations Office will be presenting its IUPUI ALUMNI HOLIDAY NIGHT at the Indianapolis Children's Museum, an annual event that also welcomes all IUPUI students, staff, and faculty. Tickets are \$20 for adults, \$13 for children 3-12, and free for younger kids. The price includes a festive Italian buffet. Register by Dec. 2 – the registration site is expected to open shortly at http://events.iupui.edu/event/?event_id=5084.

THEY CAN REALLY DISH IT OUT IN THE GRADUATE PROGRAM. For graduate student members of the Advanced Graduate Organization (AGO) conversations do not always lean toward the serious biz of research proposals, orals and writtens, dissertations and theses, budgets, and beakers. Sometimes, the dinner bell rings – bringing out the chef in many a student. The recent Graduate Student Potluck was a big hit, with about 30 grad students and faculty attending the third annual event and about half of the group offering up delectables. The AGO takes its food seriously -- \$50 cash prizes were awarded to the three best dishes, by a vote of the crowd: Dr. **Faluni Doshi**, Operative Dentistry, won in the appetizer category; Dr. **Inna Grishin**, Prosthodontics, for the main dish; and Dr. **Afnan AlZain**, Dental Science, for the dessert. A special word of thanks to this year's event organizers: Dr. **Fernanda Hamilton**, Operative Dentistry/Preventive Dentistry, and Dr. **Brittany Lane**, Periodontics.

VANDERBILT BEATS US OUT OF THE 19TH SPOT BY 13 DAYS. It has historically been reported that the Indiana Dental College was the 19th dental school to be established in the United States and the 13th still in existence when it began in 1879, but we found out this past summer that the college actually holds the 20th and the 14th positions in these records. As recorded in the 1926 volume of the Carnegie Foundation for the Advancement of Teaching's "Dental Education in the United States and Canada," only two dental schools were launched in the U.S. in 1879 – ours and Vanderbilt University's Department of Dentistry in Nashville, Tenn. Classes at both schools commenced on the same day: Oct. 1, 1879, although the ink sealing the deal on the Indiana Dental College was committed to paper on June 23, so that's the date we count as our official beginning. Wondering if the Carnegie book might have the 1879 dental school upstarts simply listed alphabetically, though, we recently contacted Vanderbilt

University's archivist. She told us that historical records show that Vanderbilt signed its papers for a dental school on June 10, 13 days ahead of us.

- 1) Who holds the record as the first U.S. dental school? That would be the Baltimore College of Dental Surgery, now the University of Maryland School of Dentistry, established way, way back in 1840.
- 2) Which was the first dental school to be associated with a university and a medical school? The Harvard University Dental Department, established in 1867.
- 3) Which was the shortest lived dental school? The Western College of Dental Surgeons in St. Louis was established in 1877 and discontinued in 1878. It had five alumni.



DR. YODER'S SON IS PART OF INTERNATIONAL TEAM SEARCHING FOR LONG-LOST DA VINCI MASTERPIECE. Set aside any mystery novels you may have at hand at the moment and read this riveting *New York Times*' mystery story instead. A mural by **Leonardo da Vinci** titled "The Battle of Anghiari" that was considered by his contemporaries to be his finest work, was mislaid about 450 or so years ago. Dr. **Karen Yoder**'s son **David Yoder**, a photojournalist based in Milan, Italy, is a freelance photographer among a quirky group of art historians and scientists who are doing their best sleuthing to track down (and, in David's case, also to photograph) the storied painting.

It is thought that the painting is hidden behind a wall-sized work of art, a fresco, painted by another artist and located in the Palazzo Vecchio in Florence, Italy. David Yoder drew into the mix of investigators a nuclear physicist near Chicago who has a special camera intended for cancer research that might be able to capture an image of the da Vinci – providing it's even there, of course – without damaging the fresco. David has been participating in the testing, and is credited with persistently nudging this fascinating project. So far, it's a spellbinding tale without an ending. See for yourself: http://www.nytimes.com/2011/08/27/arts/design/leonardo-mural-in-florence-may-be-revealed.html?_r=1&pagewanted=1&ref=arts.



End October 2011 Calendar

Send items for November calendar by Oct. 24: 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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