

COMING UP

Indiana University School of Dentistry Calendar of Events



Getting acquainted in Ecuador in 2011, from left: Alyssa Balsbaugh, Danielle Ward, and Sujin Yi, all D4. A new International Service Learning team heads back to Ecuador this month. (Photo by Tim Carlson)

March 2012

*Alumnus Who Participated in International Service Learning
a Decade Ago Returns as ISL Mentor for Trip to Ecuador*

*Researchers in Tampa: Dean Williams, Associate Dean Zero
to Hold Reception at AADR Meeting*

*The IU Dental School Has Thousands of Dental Grads –
Plus One Who Was Just Pretending*

Feb. 29-March 2 (Wed.-Fri.)

Annual session of the AMERICAN DENTAL SOCIETY OF ANESTHESIOLOGY, Kona, Hawaii

Feb. 29-March 3 (Wed.-Sat.)

Annual session of the AMERICAN STUDENT DENTAL ASSOCIATION, Minneapolis

2 (Fri.)

Three posters associated with the IU School of Dentistry are among those featured today at IUPUI's EDWARD C. MOORE SYMPOSIUM, 8:30 a.m.-4 p.m. at Campus Center 450. Poster presentations by IU dental faculty include "Measuring and Evaluating Use of Information Resources by First Year Dental Students in Small Group Learning Sessions," by **Barbara Gushrowski**, Library; "Haptic Technology and Advanced Dental Education," presented along with **Michael Boyles** of IUPUI Information Technology by Dr. **Ahmed Ghoneima**, Orthodontics and Oral Facial Development, and Drs. **Judith Chin** and **LaQuia Walker**, both of Pediatric Dentistry; and "Using the Patient's Medication History as a Learning Tool in Clinical Pharmacology Instruction," by Drs. **Karen Gregson** and **Laura Romito**, both of Oral Biology. For more about the symposium and to register go to <http://ctl.iupui.edu/ecmoore/sessions>.

NORTH EAST REGIONAL BOARD ORIENTATION, 5 p.m. in DS S116

3 (Sat.)

DEADLINE TO SUBMIT POSTER MATERIALS to Dental Illustrations for the American Dental Education Association meeting in order to be charged the lowest price of \$40 (price rises every few days thereafter to \$200 by March 14).

3,4 (Sat., Sun.)

NORTH EAST REGIONAL BOARD exam (restorative dentistry and periodontics), held at the dental school

4 (Sun.)

ONLINE REGISTRATION for Research Day closes today. Register at the 2012 Research Day link in Plato.

4-10 (Sun.-Sat.)

NATIONAL DENTAL ASSISTANTS RECOGNITION WEEK

5 (Mon.)

IU School of Medicine Center for Bioethics presents INEVITABILITY OF RATIONING IN AMERICAN HEALTHCARE AND HOW TO DO SO JUSTLY AND FAIRLY, by **Arthur Caplan**, PhD, Sidney D. Caplan Professor of Bioethics at the University of Pennsylvania Perelman School of Medicine; 3-4 p.m. in the Riley Outpatient Center Auditorium. Talk is supported with a grant from the Predictive Health Ethics Research Program. Everyone welcome.

6 (Tues.)

Indiana Section of the American Association for Dental Research presents SEALING AND INFILTRATING APPROXIMAL LESIONS, by **Stefania Martignon**, DDS, PhD, chair of the Caries Research Unit at Universidad El Bosque, Bogotá, Colombia; noon-1 p.m. in DS114. Everyone welcome.

CONFUSED BY THE HIGH-DEDUCTIBLE INSURANCE PLAN? Attend an info session today on the distinction between IU's high-deductible health plan (HDHP) and the health savings account (HSA); 2-3 p.m. at Campus Center 307.

7-10 (Wed.-Sat.)

AMERICAN ACADEMY OF DENTAL PRACTICE ADMINISTRATION annual session, Scottsdale, Ariz.

8 (Thurs.)

Indiana Section of the AADR presents NANOSTRUCTURED BIOMATERIALS FOR TISSUE ENGINEERING, by **Prabir Patra**, PhD, director of Biomedical Engineering at the University of Bridgeport in Connecticut; noon-1 p.m. in DS S116. Everyone welcome.

DEADLINE TO SUBMIT POSTER MATERIALS to Dental Illustrations for the American Association for Dental Research meeting in order to be charged the lowest price of \$40 (price rises every few days thereafter to \$200 by March 17).

9 (Fri.)

FACULTY ENRICHMENT, 9 a.m.-noon (room TBA). Program features a discussion of implants by Dr. **Edward McGlumphy** of Ohio State University.

IUSD FACULTY COUNCIL, noon in DS S117

DEADLINE TO SUBMIT RESEARCH PAPERS for consideration for the Dr. Maynard K. Hine Award for Excellence in Dental Research. Materials go to Dr. **Sean Shih-Yao Liu** by email: ssliu@iupui.edu.

UNVEILING OF JOHN WOODEN SCULPTURE – THE WORK OF IU DENTAL GRAD DR. JEFFREY ROUSE – is open to the public and set for today at 10:30 a.m. at the corner of Meridian and Georgia streets. The bronze monument of legendary basketball coach **John Wooden** has been created by two-time IU School of Dentistry graduate **Jeffrey Rouse** (DDS'80, M'83), who is both a maxillofacial prosthodontist and a sculptor living in New York City. In addition to his IU dental studies, Dr. Rouse took classes in sculpture and pottery at the University of Indianapolis, and he discovered his interest in casting figures in bronze while a student at IUPUI's Herron School of Art. He has wide-ranging interests in subject matter and an

astonishing ability to capture minute detail, as you can see by visiting his website:
<http://rousesculpture.com/home.html>.

10 (Sat.)



Howard Riley Raper

X-RAY VISION(ARY): HAVING A KODAK MOMENT. On this, the 132nd anniversary of the first graduating class of the Indiana Dental College, we give a shout out to the Kodak company as it struggles to survive amidst financial difficulties and its recent filing for Chapter 11 bankruptcy. The company's predicament is sad news – for our school it's like hearing that a good friend has fallen on hard times. The Indiana Dental College, Kodak, and Woolworth's (one of the original five-and-dime stores that grew into a megagiant) were toddlers together in 19th century American history. Woolworth's, which folded in 1997, was born in 1879, 25 days after the dental college was, and Kodak came along in 1880. Kodak's original name was changed to the Eastman Kodak Company in 1892, 33 years before we changed ours to Indiana University School of Dentistry.

Kodak developed a strong working relationship with and gave an enormous career boost to Indiana Dental College graduate **Howard Riley Raper**, DDS 1906, whose work with Kodak helped make him the legend he is today in the field of radiology. He was a major force in the movement to make X-ray diagnosis of dental caries an essential part of modern dental practice. In collaboration with Eastman Kodak Dr. Raper developed the interproximal bitewing examination, and his bitewing film packet was rolled out by Kodak in 1925. Before Dr. Raper left Indiana for New Mexico in 1917 for health reasons (he lived to be 91), he established the first course in dental radiology to be taught at a U.S. dental school (ours), and he subsequently fought hard to ensure that all other accredited U.S. dental schools offered such courses as well. A relentless advocate for dental disease prevention, Dr. Raper wrote the article "How to Prevent Toothache" in 1932. Kodak reprinted the article and distributed millions of copies of it in booklet form to American consumers.

Many blame Kodak's downfall on its failure to recognize and capitalize on the movement to digital photography – an especially painful notion since it was Kodak itself that invented the digital camera in 1975.

10-18 (Sat.-Sun.)

IUSD SPRING BREAK. No classes or special clinic assignments. Clinics are open Monday-Wednesday only. The Library is closed on the weekends preceding and following this week and will operate with abbreviated hours on the weekdays, closing at 5 p.m.

11 (Sun.)



GET YOUR SPRING ON. Move your clocks forward one hour as DAYLIGHT SAVING TIME commences.

15 (Thurs.)

INDIANA DENTAL ASSOCIATION FACULTY AWARD NOMINATIONS due to Dr. **Trevor Treasure** by email today at 5 p.m. (ttreasur@iupui.edu).

16 (Fri.)

RESEARCH COMMITTEE, 9 a.m. in DS S421

PROPOSAL SUBMISSION DEADLINE for Student Research Subcommittee's March 30 meeting

17-21 (Sat.-Wed.)

AMERICAN DENTAL EDUCATION ASSOCIATION annual session and exhibition, Orlando, Fla.

20 (Tues.)

DEADLINE TO SUBMIT POSTER MATERIALS to Dental Illustrations for Research Day in order to be charged the lowest price of \$40 (price rises every few days thereafter to \$300 by April 12).



21-24 (Wed.-Sat.)

AMERICAN ASSOCIATION FOR DENTAL RESEARCH annual meeting, Tampa, Fla. If you're in town for this meeting, be sure to stop by the IUSD reception hosted by Dean **John Williams** and Associate Dean **Domenick Zero**, Wednesday evening from 7 to 8:30 at the Tampa Marriott Waterside hotel, Florida Salon IV, 700 South Florida Avenue. Every year this reception offers a great opportunity to learn more about the wide-ranging research programs currently under way at IUSD and its Oral Health Research Institute.

23 (Fri.)

IDA INDIANA ICE HOCKEY EVENT, starting with a pregame tailgate at 5:45 p.m. at the State Fairgrounds. All employees and students are invited, but registration is required. **Jay Dziwlik** sent you an email

(forwarded by Dr. **Robert Kasberg**) with the electronic registration form on Jan. 19. Deadline to register is March 19. Give Jay a call if you have any questions (634-2610; jay@indentall.org).

27 (Tues.)

Indiana Section of the AADR presents HAPTIC TECHNOLOGY USE IN DENTISTRY, by Dr. **Dangxiao Wang** of the Robotics Institute at Beihang University in Beijing, P.R. China; noon-1 p.m. in DS S116. Everyone welcome.

30 (Fri.)

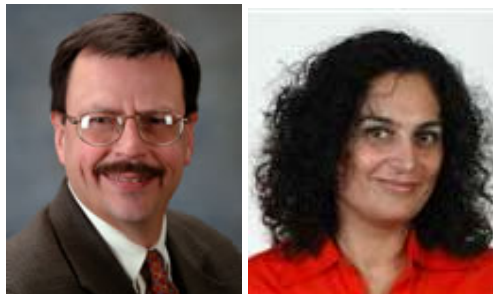
STUDENT RESEARCH SUBCOMMITTEE, 8 a.m. in DS B29



31 (Sat.)

DENTAL ASSISTING'S SPRING PRESENTATION AND TOURS for anyone with an interest in applying to the program; 9 a.m.-noon in DS S116. Register by calling **Pamela Nichols**, 274-4407. Guests should park in the Vermont Street garage.

People, Places & Things



Dr. Gregory, left, and Dr. Batarseh

DRS. GREGORY AND BATARSEH FEATURED ON YOUTUBE. IUPUI's YouTube Grad Channel is currently running an interview about the School of Dentistry's PhD program with PhD student Dr. **Ghada Batarseh** and Dr. **Richard Gregory**, director of Student Research and the PhD program. Check it out: <http://www.youtube.com/watch?v=kxm9sWrECX0>.



Dr. Khaled

DR. KHALED IS RUNNER-UP AT MIDWEST PERIODONTICS COMPETITION. Congratulations to third-year periodontics student Dr. **Mohamed Khaled**, who made an award-winning presentation at the Midwest Society of Periodontology meeting in Chicago on Feb. 25. Dr. Khaled competed in the society's Graduate Student Research Forum, winning second prize for an oral presentation of his research titled "Resolvin D1 Blocks the Effects of *P. gingivalis* on Human Gingival Fibroblasts." In addition to the congratulations Dr. Khaled received from the IU School of Dentistry professors and students who were in the audience to support him during the competition, including Dean **John Williams**, the honor carried with it a gift of \$500 and a personal plaque. "I dedicate this award to my Department of Periodontics and to my research mentor Dr. **L. Jack Windsor** in the Department of Oral Biology," said Dr. Khaled. "Without their help and support this research and presentation would not have been possible."



IU dental students in 2011, including Jon Willison, then of the D4 class (standing), treat Ecuadorian patients during the 2011 ISL program.



Maj. Brewster in 2003, the year he graduated from IUUSD

FIRST AN ISL STUDENT, NOW AN ISL MENTOR. As usual, for 10 days in March Restorative Dentistry professor Dr. **Tim Carlson** will lead a group of students and faculty on a spring break trip to Ecuador to provide oral healthcare to underserved populations. This year's volunteers, however, also include an Air Force major with ties to the early years of the school's ISL program. Maj. **John Brewster**, USAF, DC, deputy director of Advanced Education in General Dentistry at the Joint Base Anacostia-Bolling, DC, in Washington, D.C., is also a 2003 IU dental graduate and former ISL participant. He has signed up to help mentor students traveling to Ecuador.

"He will be a great addition to the team," says Dr. Carlson. "John was one of the ISL students visiting Haiti during both his third and fourth years of dental school. For some time he's wanted to help with an IUUSD ISL team again, and we're glad to have him with us this year."

As it turns out, ISL dental alums who return to assist with ISL students are not all that unusual. "Last year, 2009 dental graduate Dr. **David Franz** returned as a supervising dentist with the Haiti team," says Dr. Carlson. "David went to Haiti with Dr. **Larry Garetto's** team when David was in his fourth year." And several former ISL dental students have returned to help with new ISL teams while they are hospital residents and grad students in pediatric dentistry and periodontics.

With Dr. Carlson's longtime ISL colleague Dr. **Sam Campbell** now retired, Dr. Carlson welcomes Dr. **Carrie Klene**, Oral Surgery and Hospital Dentistry, to the ISL faculty team.

You and everyone else at the dental school can play a role in the school's ISL program even if you aren't planning to pack your bags to join an ISL team in 2012. Donations are welcome year-round, and any amount is a great help to the students who must raise funds for the journey. You will also be supporting upcoming trips to several other nations as well as the Blackfeet Nation in America's southwest. Checks are payable to the IU Foundation and can be dropped off in **Pamela Lovejoy's** office in the Library, DS125. Note on your check that the donation is for ISL #038D008546.

Students participating in the 2012 trip to Ecuador are **Michelle Mogg**, DH2; and D3 students **Althea Acosta, Nathan Brooks, Carolyn Dundon, Mike Dyriw, Shereen Elsayh, Dana Hollenbeck, Zachary Moss, Jaclyn Ponder, Joshua Ratcliff, Jada Roberts, Brandon Scheer, and Raymond Seaburg.**



Tyler Frounfelter

AUTHOR! AUTHOR! Congratulations to third-year dental student **Tyler Frounfelter**, who is a co-author on a recently published study of heart regeneration led by DePauw University Professor **Pascal Lafontant**. When Tyler was an undergrad at DePauw, he was among a small group of students who worked on the study by using the giant danio fish as a research model.

As a DePauw news release explains, Prof. Lafontant and his students described inflammation, collagen deposition, and tissue remodeling in the hearts of the fish. In humans, these processes occur following heart attacks, leading to scarring of the heart muscle that weakens it significantly. In the giant danio, however, the researchers demonstrate that the heart of the three-inch fish can regenerate even in the presence of these limiting processes. Prof. Lafontant believes that by understanding the regeneration process in the giant danio, researchers may be able to reduce the threat of heart disease in humans.

The article appears in the February 2012 issue of *The Anatomical Record*, and you can read more about it in the DePauw release: <http://www.depauw.edu/news-media/latest-news/details/28143>.



Brianne ready for some serious Super Bowl tailgating

SUPER BOWL GIG WAS BOTH FUN AND FRUSTRATING. As we reported in the last issue of the newsletter, **Brianne Lancaster**, Oral Pathology, Medicine, and Radiology, and her husband, **Shannon Lancaster**, who are both singers, had the unique task of choosing between two amazing Super Bowl events to participate in as choir members – either a tailgating reception on Super Bowl Sunday for VIPs at the Convention Center or Madonna’s halftime show. “My husband is a worship leader at our church,

so we decided to join the backup group for gospel singer **Lamar Campbell** at the Convention Center,” says Brianne.

Even though the performance was not till 3:30 p.m., Brianne and Shannon’s day started at 6 a.m. at the Holiday Inn on the Westside of town, where they were required to attend an orientation before heading to the Convention Center at 8 a.m.

So far, so good. But problems surfaced as soon as they arrived at the Convention Center, where Brianne and Shannon were halted in their tracks when they tried to go to the backstage area of the NFL Experience room where the tailgate reception was to take place. The reason? NFL security could not find their photo IDs. “They had a record of us belonging to the group, but they’d lost an essential part of the clearance, our photos,” says Brianne. “We were sent to the ‘Credential Resolution’ area, where we waited and waited in a long line. We were delayed 3 entire hours before they finally retook our photos and let us in.”

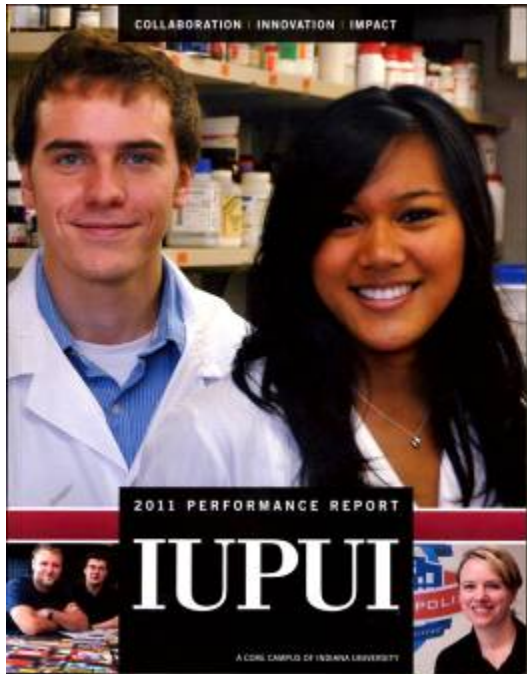
Once on stage with a group of about 15 singers, Brianne enjoyed both the rehearsal and the reception. “Lamar Campbell was really nice and a great guy,” she says. “He helped us a lot during choir practice. We sang to an exclusive group of Super Bowl VIPs, and right next door **Lenny Kravitz** was singing to a larger audience.”

Brianne and Shannon were at the center from 6 a.m. till 5:30 p.m. “I was so tired by the time I got home, I went straight to bed,” she says. “I didn’t even watch the game.”

When asked if she has any regrets about turning down the chance to sing “Like a Prayer” with Madonna in front of a halftime audience of 114,000,000 (as several members of her church and her sister-in-law got to do), Brianne says: “Well, after the whole ordeal we went through, maybe just a little. But Madonna’s rehearsal schedule was very demanding – 4:30 to 11 p.m. Monday through Thursday. That was too much time to take off work.

“But in the end, it was fun,” she adds. “I’ll always remember that I got to sing at the Super Bowl – and they let us keep our NFL tailgating choir robe as a souvenir.”

Brianne belongs to her church choir. She has had some training as an opera singer, including a few lessons with IUPUI lecturer and choral director **David Mannell**. Shannon Lancaster and his brother are releasing a CD in May of contemporary Christian music.



Tim Centers shot this photo in Dr. Jack Windsor's lab

MASTER PHOTOGRAPHER TIM CENTERS, TAKE A BOW. Each year IUPUI Chancellor **Charles Bantz** widely distributes the IUPUI Performance Report to the community, and the most recent issue gives the dental school “center stage” on the cover, thanks to an excellent photograph by school photographer **Tim Centers**. The report’s cover photo shows IUPUI students **Tomas Meijome** and **Kathryn Delacruz** on site at the dental school, where they have participated as student researchers in the Oral Biology labs of Drs. **Jack Windsor** and **Fengyu Song**. Tim originally shot the image when the students were profiled by the IUPUI Center for Research and Learning and the School of Science in 2011 for their success at a statewide research conference for LSAMP (Louis Stokes Alliances for Minority Participation).

THE IU DENTAL SCHOOL HAS THOUSANDS OF DENTAL GRADS – AND ONE WHO WAS JUST PRETENDING. Actor **Boyd Gaines** is close to 60 today (<http://www.imdb.com/name/nm0301305>), but for several years beginning in his late 20s he stayed busy using his boyish good looks and strong acting chops to pretend he was an IU dental student for the highly successful TV sitcom “One Day at a Time.” First playing Mark Royer the IU dental student and then Mark Royer the dentist between 1981 and 1984, Gaines appeared in 51 episodes of the series, which revolved around the adventures of a divorced mother with two teenage daughters living in Indianapolis. Gaines played the boyfriend, and eventually the husband, of younger daughter “Barbie,” who was portrayed by actress **Valerie Bertinelli**. The series ran nine years and is one of the longest-running shows developed by **Norman Lear**. During this period, Gaines also played Coach Brackett in the movie “Porky’s.” When Gaines joined the “One Day at a Time” cast, the production team called the IU dental school once or twice to ask for pointers on dental scenes.

Reference:

Spector, M., and Mattioli, D.: Kodak Teeters on the Brink. *The Wall Street Journal*, Jan. 5, 2012

Send News Items:

By March 23 for April calendar: Indiana University School of Dentistry, Room B32, 1121 West Michigan Street, Indianapolis IN 46202-5186. Fax: (317) 274-7188. E-mail: smcrum@iupui.edu

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