

ALUMNI

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SPECIAL 140TH ANNIVERSARY ISSUE



140 REASONS **IUSD** IS GREAT



from the **DEAN**

Dr. John N. Williams

In my final *Alumni Bulletin* letter as dean, please indulge me as I share reflections of the past nine years at Indiana University and on the future of dental education.

When Chancellor Charles Bantz offered me the dean's position in 2010, he challenged me with three goals: upgrade the facilities, sustain the research mission, and identify new sources of revenue for the school. I like challenges, and we got to work. We washed the rust off the windows on the limestone buildings; remodeled labs, lecture halls, lobbies and clinics; and raised the money to build a magnificent, state-of-the-art clinic.

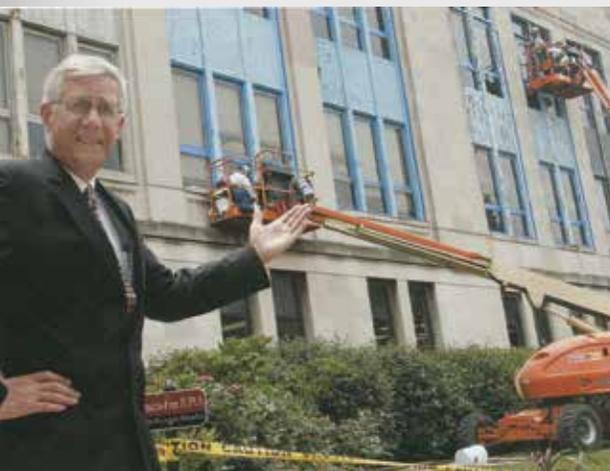
Building the James J. Fritts, DDS Clinical Care Center was a lot like playing baseball. Players don't get on base unless they hit the ball. You, our alumni, came up to bat and scored run after run to get us this new clinic. There are nearly 157 named spaces for alumni who gave \$10,000 or more to build the Fritts Clinical Center – one of the highest of any building at Indiana University. The Fritts Clinical Center is your win!

Second, to continue the baseball analogy, we tightened our defense and moved infield to run a more efficient dental school. We operate much like a private school by relying on tuition, enrollment management, clinic revenues, and

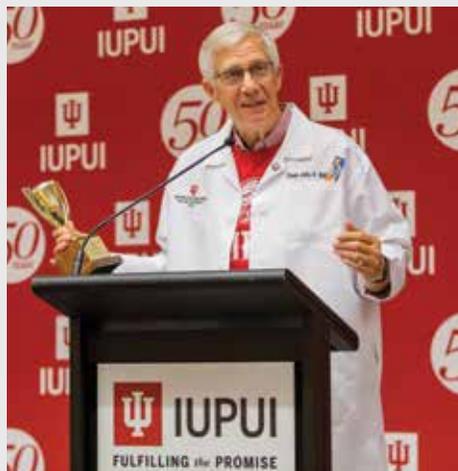
private philanthropy. Because of this sound stewardship, I am proud that our next dean, Dr. Carol Anne Murdoch-Kinch, will inherit a school that is fiscally sound and poised to make continuing strategic investments in patient care, faculty recruitment, and research. I have complete faith that Dr. Murdoch-Kinch will take IUSD to the next level.

Third, we invested in our faculty. I am a huge believer in professional development, and we have calibrated and strengthened our faculty scholarship and research endeavors, while recruiting fresh, bright stars in oral health research.

As dental school dean, I am fortunate to work with a deep bench of colleagues and constituents. I meet dedicated oral health professionals and innovators across the globe who are creating new possibilities in dental education and research, including Dr. Murdoch-Kinch. You will be heartened to learn that Indiana still carries the torch as one of the finest dental schools in the world. No small credit for this goes to our relationship with our alumni and the Indiana Dental Association, which is possibly the most collaborative and supportive in the country. The input that practicing alumni offer back to the dental school is invaluable. I encourage you to maintain or reinstate your relationship with IUSD to inspire



First job – washing the rust off. “Rusty windows, rusty dentistry – that’s not who we are.”



IUPUI United Way Kickoff Luncheon



Listening to students



Greetings from the Main Street corridor in the Fritts Clinical Center



White Coat ceremony



Dr. Williams as an undergraduate at Transylvania University

our graduates to be stronger in their techniques, skills, and practice management.

Of course, what gratifies me most as I reflect on my 30-year career in dental education are the students. During long days of running a dental school, meeting with a student brings me back to what is important. My commitment to dental education has been to create a more humanistic, inclusive, supportive, and empathic environment than many of us experienced in our own dental education.

I am gratified to share that on August 15, 2019, I will begin serving as interim president of Transylvania University in Lexington, Kentucky. Transylvania is my undergraduate alma mater and where I met my wife of 44 years, Lucy. I have been a member of the university's Board of Trustees and am honored to serve while the university conducts a national search for the next president.

I will retain my IUSD faculty position and plan to deepen my scholarship on dental workforce trends and my pursuit to alleviate dental student debt. I will continue to examine what it means to be a dentist in the 21st century. Scholars in this area predict we will become similar to oral physicians, focusing more on diagnostic and treatment planning to

address oral health diseases and less on surgical hand piece skills. In that model, the content of our traditional four-year dental training would focus more on primary health care. This shift could greatly influence the dental school of the future.

I thank you for your support and friendship and the opportunity to serve as dean at Indiana's only dental school. The relationships I have developed with you, our alumni, over the past nine years have invigorated me and, hence, the future of dental education in Indiana for years to come.

In gratitude,

John N. Williams, DMD, MBA

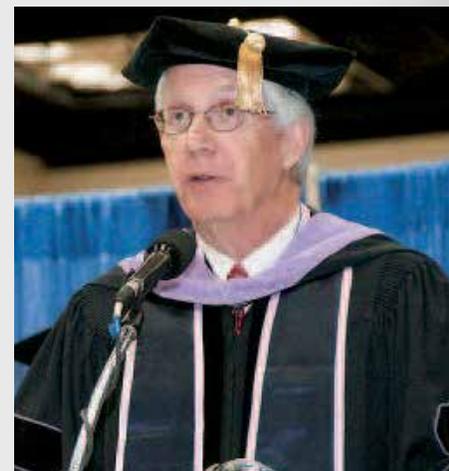
Dean



Doing his part for the ALS Ice Bucket Challenge



With Lucy at the Dean's Society Dinner



Commencement

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140 REASONS IUSD IS GREAT! | pg 12

As the IU School of Dentistry celebrates 140 years, our alumni, faculty, students, and staff gave us 140 reasons – both past and present – that Indiana’s only dental school continues to provide a superb education to thousands of the world’s oral health care providers.

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140 Reasons
Why »

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Our more than 700 bright, multitalented, and compassionate students are certainly among the 140 Reasons IUSD is Great!



More on page »

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Commencement 2019 – Will Handt and Lauren Hansen are all smiles as they get ready to cross the stage and accept their diplomas

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A tribute to Dr. John and Lucy Williams as Dean Williams steps down and becomes interim president of Transylvania University, his undergraduate alma mater, in Lexington, Kentucky



DR. CAROL ANNE MURDOCH-KINCH APPOINTED INDIANA UNIVERSITY SCHOOL OF DENTISTRY'S 10th DEAN

10th Dean

On Feb. 26, 2019, IUPUI Chancellor Nasser H. Paydar announced the appointment of Dr. Carol Anne Murdoch-Kinch as dean of the Indiana University School of Dentistry at IUPUI.

When Dr. Murdoch-Kinch assumes her role on July 1, 2019, she will be the 10th person and first female named dean in the school's 140-year history. She succeeds Dr. John N. Williams Jr., who steps down as dean on June 30, 2019.

"We are delighted to welcome Dr. Carol Anne Murdoch-Kinch to the leadership team and specifically to our School of Dentistry at IUPUI," Chancellor Paydar said. "Dr. Murdoch-Kinch brings world-class experience and dedication to preparing the next generation of dental professionals in Indiana."

Dr. Murdoch-Kinch previously served as associate dean for academic affairs and Dr. Walter H. Swartz Professor of Integrated Special Care Dentistry at the University of Michigan School of Dentistry. She also served as a clinical professor in the school's Department of Oral and Maxillofacial Surgery and Hospital Dentistry. Dr. Murdoch-Kinch's work in Michigan included multidisciplinary clinical research in oncology; a hospital-based oral medicine referral practice where dental and medical residents co-treated patients with oral manifestations of skin diseases; and educational research on curriculum, dental school climate, and engaged learning.

Dr. Murdoch-Kinch is no stranger to the IU School of Dentistry. She received a clinical

certificate in Dental Diagnostic Sciences in 1991 and PhD in 1996. Her dissertation involved clinical research on gene expression of Crouzon Syndrome in families.

Dr. Murdoch-Kinch also attended the University of New Brunswick in Fredericton, N.B., Canada and received her DDS from Dalhousie University in Halifax, Nova Scotia.

"As a proud alumna of IU, I am eager to serve the School of Dentistry, the university, the state of Indiana, and the dental profession in this new role. The school's mission and core values resonate deeply with my own in the education of the finest dental professionals, the promotion of ground-breaking research, and the cultivation of innovative practices to advance oral health and overall health," Dr. Murdoch-Kinch said. "I am really looking forward to meeting our alumni and working together to create and advance our vision for the School of Dentistry into 2020 and beyond. One of my top priorities over the next six to 12 months is to engage with our community members to get to know you, to listen to you, and learn about your hopes and ideas for our school and our profession."

Dr. Murdoch-Kinch brings world-class experience and dedication to preparing the next generation of dental professionals in Indiana. — CHANCELLOR NASSER H. PAYDAR

NEWS BRIEFS

IUSD ROCKED THE BOAT AGAIN



AT REGATTA!

IUSD teams once again placed on the winner's podium in each of the IUPUI Regatta competition divisions, finishing second in women's, second in co-ed, and third in men's. The 10th annual IUPUI canoe race on the Indianapolis Canal was held Sat., Sept. 22, 2018. Great thanks to the many volunteers and visitors to the IUSD tent, where we distributed 2,500 toothbrushes and tubes of toothpaste to the IUPUI community and public.

« D2 classmates *Cole Johnson*, a former Northwestern wide receiver, and *Alexandra Sargent*, an Olympic-style weightlifter, were on the co-ed team that placed second at the annual IUPUI Regatta.

FRITTS CLINICAL CENTER

— *Running at Full Steam* —



« D3 student *Molly Ward* consults with *Dr. Larry Crisafulli* in the new *Fritts Clinical Center*.

In July 2018, the **James J. Fritts, DDS Clinical Center** became fully operational, with DDS and DH students caring for patients in 125 new, state-of-the-art operatories. **Dr. Harvey Weingarten**, associate dean of Clinical Affairs, shared that since March 2018, dental students had 1,000 more clinical encounters over the same time period as the previous year. The walk-in Emergency Clinic is operational, directed by **Dr. Michael Sovanich**. The Dental Faculty Practice and the Screening Clinic moved to the Fritts Clinical Center, and radiology services expanded with 37 new size 2 intraoral sensors; a size 1 mini intraoral sensor, five panoramic machines, and two 3-D CBCTs. "Our goal is for our students to have an increased, robust, and broader clinical experience," Dr. Weingarten said.

IUSD SPEA NAMED NATIONAL CHAPTER OF THE YEAR



The Student Professionalism and Ethics Association (SPEA) named IUSD as U.S. chapter of the year at the SPEA annual meeting in October 2018 in Hawaii. **Josh Bussard** (D3, back row) was elected national SPEA executive chair, and **Maria Contreras Mantilla** (D3, far right), succeeds **Jill Stetzel** (D4, far left) as a national regent for the association. Contreras Mantilla is president of IUSD's SPEA chapter and **Stephanie Bowers** (D3, seated, far right) is immediate past president. Retired IUSD faculty **Dr. Larry Garetto** was instrumental in forming SPEA and the IU chapter. **Drs. Odette Aguirre** (seated, middle) and **Susanne Benedict** (standing, left) are advisors.

IU Fort Wayne faculty and students join IUSD family



Our dental school family has grown. On July 1, 2018, IUSD assumed administrative leadership of the IU Fort Wayne allied dental programs. Nine faculty members, as well as staff and students in dental hygiene, dental assisting, and laboratory technology are now members of the IUSD family. The full-time faculty members are, front row, **Wilhemina Leeuw**, interim director, Dental Assisting; **Jennifer Bryant**, Dental Hygiene; **Nancy Mann**, Dental Hygiene; **Staci Schory**, Dental Assisting. Back row, **Jennifer Klepper**, Dental Technology; **Nichole Dicke**, Dental Hygiene; **Brenda Valliere**, director, Dental Hygiene; **Mary Cooper**, associate dean, Allied Dental Sciences; **Brooke Pratt**, director, Dental Technology, supported by adjunct faculty and staff.



WELCOME *Class of 2022*

Before embarking on four years as dental school classmates, the DDS Class of 2022 bonded at Bradford Woods Outdoor Center in Martinsville, Ind. The newest dental class of 105 accepted into the IUSD family is made up of 61 Indiana residents and 44 non-residents, with 45 men and 60 women. The average overall G.P.A. of the entering class was 3.55. The academic average on the dental admissions test was 19.85.

MAJOR GRANT SUPPORTS STUDENT COMMUNITY ENGAGEMENT



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Dr. Elizabeth Simpson (seated), volunteer adjunct faculty, supervises fourth-year dental students Joseph Rietow and Jordan Booth at The Jane Pauley Community Dental Center.

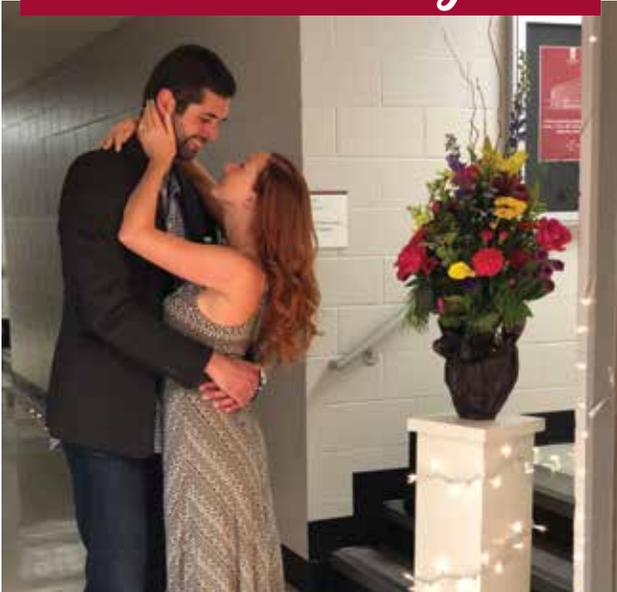
The Health Resources Services Administration awarded IUSD a \$1.6 million, four-year grant to address oral health care workforce shortages in underserved communities.

The grant, "Strengthening the Oral Health Workforce in Indiana through an Innovative Community-Based Dental Education Model," is a collaboration among IUSD, the Bowen Center for Health Workforce Research and Policy at the Indiana University School of Medicine, and the Indiana State Department of Health/State Oral Health Director.

"The aim of the grant is to create sustainable, high-quality oral health services that increase access to high-quality care for populations living in designated Dental Health Professional Shortage Areas (Dental HPSAs)," said Dr. Tamara Button (DDS'05, Peds'07), IUSD's director of community-based dental education and the grant's principal investigator.

This past fall, fourth-year dental students began working in two-week rotations to provide dental care at community clinics in Dental HPSAs. "The community rotations will go to a new level of innovation by integrating fourth-year dental students into interprofessional teams that are addressing two of Indiana's key health priorities: childhood obesity and substance use disorders, specifically opioid abuse, in a culturally competent manner," Dr. Button said.

It had to be you



Orthodontics resident asks DDS graduate to marry him in the same dental school hallway where they met five years ago

Dr. Evan Schmidt remembers the first time he saw Dr. Megan Daniels. Their eyes locked as they passed in the hallway in front of lecture halls 116 and 117. At the time, Schmidt was a first-year dental student. Daniels was a second-year dental student and a Colts cheerleader, with unforgettable red hair and green eyes. Schmidt also would be hard to miss, towering over other students at 6'11".

During Schmidt's first semester, they smiled and said hi to each other in the hallways. Then they bumped into each other in a group of dental students at a Broad Ripple bar. "We started talking and then began dating," Schmidt said. "I was so impressed that she could manage the D2 year and be a Colts cheerleader. After a game she'd come back to school and work in the bench lab."

Five years from the day they first saw each other, Schmidt surprised Daniels with a marriage proposal in that same hallway. With the help of an orthodontics classmate, Schmidt decorated the tile floor and cinderblock walls with rose petals, flowers, and candles.

Daniels joyfully said "yes." The dental school couple will marry in Colorado in fall 2019. Schmidt will complete his orthodontics residency at IU in July and will join his father, Dr. Randall Schmidt (DDS'81, Ortho'83) in practice in Valparaiso, Indiana, where his bride will practice general dentistry.



INA MCBEAN NAMED ASSISTANT DEAN OF DIVERSITY AND STUDENT SUCCESS

McBean joined IUSD in 2010 and has been serving as program coordinator of the Office of Diversity, Equity, and Inclusion. She holds a master's degree in higher education from Purdue University.

FIRST DENTAL HYGIENE BACHELOR'S CLASS *Graduated*



IUSD graduated its first class of dental hygiene bachelor's degree students in December 2018. The four December graduates, **Victoria Allen, Sierra Sykes, Amaris Martinez, and Micah Abernathy**, were members of the last associate degree class and chose to continue their studies to complete a bachelor's degree. The Indianapolis Dental Hygiene program is now a three-and-a-half year curriculum culminating in a bachelor's degree.



EVANSVILLE STONE FAMILY CLINIC DEDICATED

Dean Williams and Pamela Ford, director of dental assisting, were present as IU President Michael McRobbie and the IU Board of Trustees helped dedicate the Stone Family Center for Health Sciences, a multidisciplinary health center in Evansville, on Aug. 9, 2018. The new IUSD clinic within the Evansville health center expands dental student exposure to community-based dental education with two-week rotations and may help fill gaps between the needs of low-income patients and provider shortages in greater Vanderburgh County. The 5,000-square-foot dental clinic includes 14 operatories, a laboratory, and radiology.

DENTISTRY STUDENTS AMONG ELITE 50



Dentistry students among Elite 50

IUPUI recognized three of IUSD's exceptional students among its Elite 50 graduate and professional students. **Meloria Burstein** (D2), Periodontics resident **Dr. Apoorev Goel**, and **Pinky Kingrani** (D4) demonstrated excellence beyond the classroom in their campus leadership, scholarly work, and community engagement.

Elite 50

The IUSD Office of Continuing Education is pleased to announce some changes and some familiar faces and events as we head into the fall of 2019.

The most notable change is the appointment of Dr. Matthew Miller to the role of director of Continuing Education in April. Matt is a lifelong resident of Indianapolis. His dad Kenneth Miller was a 1958 graduate of IUSD and immediately started a practice on the eastside of Indianapolis. Matt graduated from Warren Central High School. He received his BS in biology from IU in 1985 before entering IUSD.

Following his graduation from IUSD in 1989, Matt entered into his dad's practice as a general dentist. In 2006 he was appointed by the governor to the Indiana State Board of Dentistry, where he twice assumed the role of president. Matt's term with the State Board expired in 2015. He is a member of the CDCA (the new name for the Northeast Regional Board) where he is the chair for the Discipline and Grievance Committee and represents Indiana at ADEX. Besides lecturing on ethics and jurisprudence, Matt also serves as the compliance officer for the Indiana Office of the Attorney General. Matt still resides in Indianapolis with his wife of 28 years, Jane Ann. They have 2 daughters, Rachel and Emma.

Matt is glad to have the familiar faces at the Office of Continuing Education help him learn his new role, including Roxana Fuentes as coordinator of Continuing Education. The office will continue the Faculty Focus and Hygiene Series. Please watch for upcoming events. You may also contact the office for help with arranging your registration or with topics of interest. Look for us on our web page:

<http://ce.dentistry.iu.edu>
dsce@iupui.edu



CLASS OF 2019

Congratulations

Graduates of IUSD's oral health professions crossed the stage on May 10, 2019, to gather their hard-earned diplomas. Dean John Williams, presiding over his final commencement, delivered the keynote address. He encouraged the graduates to embrace their future by "commencing" to build on their world-class IU dental education with these words of wisdom: engage in lifelong learning; get involved – society is counting on you to be part of the solution to complex local and global problems; and embody professionalism, acting always with honor, integrity, and dignity.

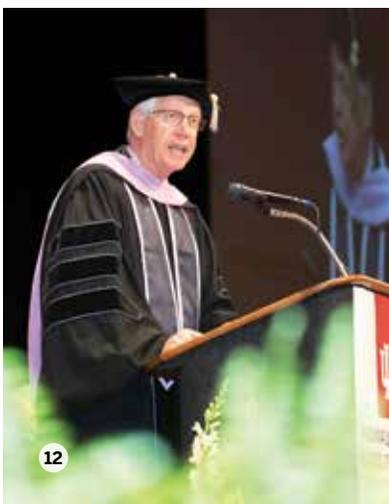
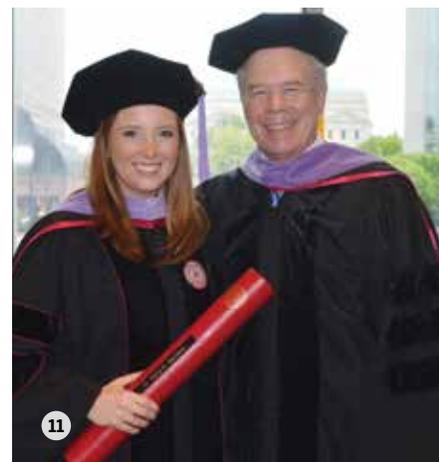


1. Dental Assisting graduates Elizabeth Orr and Lexi Parker
2. Dental Hygiene bachelor's degree graduate Micah Abernathy
3. Tanner Crandall, Robert Geis, Brian Hoagburg, Kyle Kuzmic, and Tanner Mitchell

4. Leslie Johnson, Priyanka Sheshagiri, and Dino Dieudonne
5. Specialty graduate residents, back row, Drs. Ahmed Ibraheem, Apoorv Goel, and Richard Gregory, associate dean of graduate education. Front row, Drs. Brenda Hanes, Ahid Al-Shahrani, Abdulaziz AlShahrani, and Sulton Ainoosah.

“FIND YOUR PASSION AND BECOME FULLY ENGAGED IN GIVING BACK YOUR TIME, TALENT, AND TREASURE TO MAKE YOUR COMMUNITIES BETTER.”

— DR. JOHN N. WILLIAMS in his final commencement address as dean



6. Sable Staller

7. Aly Ricker, Jill Stetzel, Meghan Potee, and Natalie Lorenzano

8. Brooke Scott and Shanika Maddox

9. Ho-Youl Chang (Prosth'98) traveled from South Korea to celebrate his son Il Won's DDS graduation

10. Katherine Patton (DDS'85), Dental Hygiene faculty, hooded her son Nick Torrance

11. Graduate Pediatric Dentistry Chair Brian Sanders was all smiles with his daughter Molly

12. Dean John Williams delivered the keynote address

13. Landon Oka returns to Hawaii to practice on the Island of Oahu

14. International Dentist Program graduates Swati Yadav, Janette Nagrampa, Pinky Kingrani, and Nidhi Shah

140

140 Reasons Why IU School of Dentistry is Great!

The IU School of Dentistry and dental education has come so far in 140 years! To put it into perspective, Indianapolis had no municipal electrical power when a formal dental education system began in Indiana in 1879.

For this special 140th anniversary issue, we surveyed alumni, faculty, students, and staff who told us why they think IUSD is great. We dug deep into our school and university archives – much of which have been fantastically digitized (dentistry.iu.edu/academics/library) – to bring you a glimpse of our illustrious 140-year history.

Great acknowledgements and thanks go to the staff of the Dental School Library, Dental Illustrations, Development, Dean's Office, and a team of writers, photographers, and designers in assembling this special issue. In particular, I thank my predecessor, Susan Crum, *Alumni Bulletin* editor for 28 years, for her meticulous and engaging accounting of dental school activities. *A Century of Dental Education in Indiana: 1879-1979*, written by Dean Emeritus and IUPUI's first Chancellor Maynard Hine, also served as invaluable source material.

We realize the 140 reasons depicted on the following pages only scratch the surface of the contributions to oral health made by all the faculty, staff, students, and alumni of Indiana's only dental school. By our 150th anniversary, there will be a completely new catalogue of accomplishments, innovations, and changes in oral health care, educational pedagogy, and in the special people who deliver these services at IUSD.

Happy 140th birthday, Indiana University School of Dentistry! Turn the page and discover just 140 of the reasons we celebrate Indiana's great dental school.



Leslie Flowers
Editor



A terrific team assembled and gave context to the history, people, places, and photos for this special issue. Back row, Carol Dill, Dean's Office; Nicole Alderson, Dental Illustrations; John Hoffman, Development; Leslie Flowers, editor; and writers Joe and Jill Jansen. Front row, Sean Stone and Mike Delporte, Dental Library; Terry Wilson, Dental Illustrations; Melissa Evans and Pier Parsey, Development. Not pictured, Abby Morgan, Mark Dirlam, and Caleb Clements, Dental Illustrations.

FACILITIES

In 1879, the same year Thomas Edison invented the first incandescent light bulb, a small group of Indiana Dental Association members created the Indiana Dental College (IDC) in response to a new Indiana law that regulated dental practice and required dentists to train formally rather than through apprenticeships. Challenged to keep up with the high cost of meeting the minimum standards set by the Indiana Board of Examiners, the IDC trustees sold the private dental college to Indiana University for \$35,000 in 1925.

01



Indiana Dental College

The first location of the Indiana Dental College was the Thorpe Block building at 147 E. Market St. in Indianapolis. The school rented eight rooms for \$20.84 per month from James A. Roosevelt, father of Franklin Delano Roosevelt, who owned the building. The college would move four times, with its final location at the corner of Walnut and Pennsylvania before settling at what is now the IUPUI campus in 1933.



03

Indiana University President Herman B Wells (standing) and Dean Maynard K. Hine in a photo op during construction of the 1962 addition.



Laying of the cornerstone

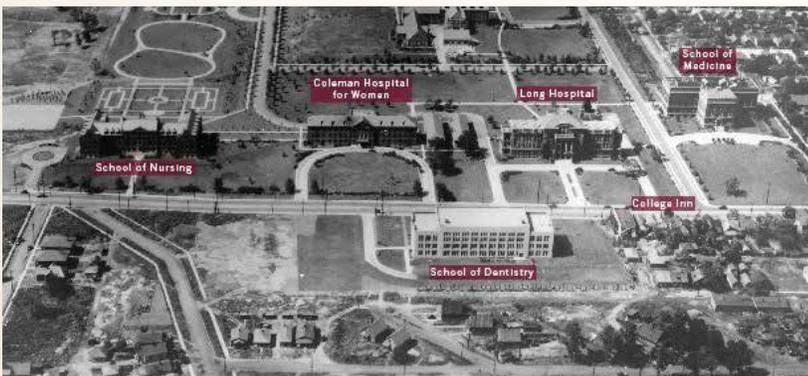
02

1121 W. Michigan St.

Indiana University custom-built the dental school in 1933 on the Indiana University health sciences campus at 1121 W. Michigan St. for \$319,000. Designed by Indianapolis architect Robert Frost Daggett, the limestone structure stood across the street from Long Hospital, the IU School of Medicine, Ball Residence (for nurses), and Coleman Hospital for Women. The dental school was designed for 42 students with about 100 chairs for the main clinic, as well as clinics for children, surgery, prosthetics, and crown and bridge. The dental library was located on the second floor.

1962 and 1972 additions

Expansion of the dental programs in the 1950s, 1960s, and 1970s, with the addition of dental hygiene, dental assisting, and advanced graduate specialties, necessitated extensive remodeling of the 1933 structure as well as two building additions, one in 1962 and the second in 1972. It would be 46 years until the dental center campus expanded again.



Aerial photo of the Indianapolis health sciences campus in 1933

The college would move four times, with its final location at the corner of Walnut and Pennsylvania before settling at what is now the IUPUI campus in 1933.

04



Neff Hall at IU Fort Wayne houses dental hygiene, dental assisting, and dental laboratory technology programs.

State Reach

Regional expansion began in the 1960s, when the dental hygiene, dental assisting, and dental laboratory technology programs opened up on the IU Fort Wayne campus. The programs lived under the Purdue University umbrella for decades, but in 2018, they returned to the IU family when IU assumed leadership of the health sciences on the Fort Wayne campus. At the other end of I-69, an IUSD clinic opened this year at the new Stone Family Center for Health Sciences, a multidisciplinary health center in Evansville, helping to fill health care provider shortage gaps in rural Vanderburgh County. IUSD's fourth-year DDS students staff the clinic and other underserved community clinics around the state in two-week rotations.

05



James J. Fritts, DDS, Clinical Care Center

Indiana University dedicated the contemporary James J. Fritts, DDS Clinical Care Center on March 2, 2018. The state-of-the-art clinic boasts 125 operatories, the Endodontics graduate clinic, Dental Faculty Practice, and an Emergency Clinic. Dr. James J. Fritts of Rochester, Indiana, and generous alumni and friends donated more than \$8 million to help finance the \$21.6 million, 45,000-square-foot clinical facility.

“As a member of the first DDS class who had the privilege to provide dental services in the new Fritts Clinical Center, I was blown away, not only by the beauty of the new addition, but also by its innovation and attention to detail,” said D4 Kyle Kuzmic. “The building exudes a great sense of professionalism, and any patient or provider should walk in knowing that they have arrived in a great place to receive dental care.”

FACULTY GIANTS

FACULTY GIANTS

The faculty members depicted here are among numerous IUSD giants who have shouldered the weight of providing a comprehensive dental education in Indiana.

06



Dr. Tim Carlson

His passion for humanitarian dentistry began even before graduating first in his class from IUSD in 1978. The summer before his senior year, **Dr. Tim Carlson** and his wife Ann volunteered at a Haitian mission clinic. After graduation, they worked in Haiti for two years, where Ann served as a nurse and Tim as a staff dentist. Dr. Carlson returned to IUSD, joining the faculty and leading as a clinic director for 37 years. Known for his “Dad Talks,” he gave solid life advice to students. Dr. Carlson helped create IUSD’s Global Service Learning program, leading 31 groups of dental students on service-learning expeditions to Haiti and Ecuador, fostering students’ appreciation for other cultures, and instilling in them a desire to assist underserved populations.

« Dr. Tim and Ann Carlson, far right, on the 2019 IUSD Global Service Learning trip to Ecuador



07

Dr. Hala Henderson

During freshman orientation, **Dr. Hala Henderson** told students they were colleagues. "I'm paid by the state," she said, "to help you place a DDS behind your name within four years, and that is the only essential difference between us." She would invite them to her home and cook for them. She knew their spouses' and children's names. This kind of devotion to students allowed Dr. Henderson to flourish as faculty, chair of undergraduate pediatric dentistry, and executive associate dean of faculty and student affairs.

Dr. S. Miles Standish

His forensic testimony on bite marks in a 1970s Indiana murder trial led to the suspect's conviction and set a precedent for the admission of bite mark evidence into Indiana court cases. In recognition of his work, the Indiana State Police later appointed **Dr. S. Miles Standish** an honorary lieutenant colonel. He taught at IUSD for more than four decades, retiring as professor emeritus of Oral Pathology and Dental Diagnostic Sciences. Dr. Standish served in the U.S. Navy following World War II, and his military heritage stretched back to his 13th great-grandfather: Captain Myles Standish of Mayflower renown.



08

09



Dr. George Willis

When **Dr. George Willis** was not fulfilling his duties as IUSD associate dean for Clinical Affairs, he maintained an active consulting practice for atypical patients, some of whom required pliers and a crowbar to complete an extraction. As a consulting dentist for the Indianapolis Zoo, many lions, polar bears, and elephants received tender loving care from the hands of Dr. Willis, who retired from IUSD in 2016.

.....

"If I have seen further it is by standing on the shoulders of giants." — SIR ISAAC NEWTON



10

11

Dr. James Roche

Before joining the IUSD faculty in the late 1940s, **Dr. James Roche** (DDS'47, Peds'83), above left, served a stint as a captain in the U.S. Army, where he cared for the oral health of cadets at the U.S. Military Academy at West Point. He returned to Indiana to join the IUSD faculty, where he remained for more than 40 years, chairing Graduate Pediatric Dentistry and becoming the first assistant dean, then associate dean, for Faculty Development, now known as Academic Affairs. Dr. Roche was admired for his lengthy and distinguished contributions as a practitioner, educator, administrator, and national leader in pediatric dentistry.

Dr. Robert Bogan

When Dr. Maynard Hine named **Dr. Robert Bogan** (DDS'54, Crown/Bridge'67), above right, as his assistant dean in 1964, Dr. Bogan had his twin sons help him move into his new office. He answered their questions about his new job by saying he would be "like a school principal." Seven-year-old Michael told his twin brother, "It's like this, Dave," he said, pointing toward Dean Hine's office, "That guy in there will be the Head Spanker. Daddy's going to be the Assistant Spanker." Dr. Bogan never tanned any hides, and he was beloved by faculty, staff, and students. He was IUSD's first associate dean for Student Affairs and a president of the IUSD Alumni Association.



12

Dr. Paul Starkey

Dr. Paul Starkey's career in dental education spanned 24 years, inspiring many of his students to specialize in pediatric dentistry. One of the early adopters of technology, Dr. Starkey gave stimulating lectures and discussions.

Appreciated by students and faculty, they funded the Dr. Paul E. Starkey Dental Research Professorship, the first research professorship for pediatric dentistry at Indiana University.

ACADEMICS



Periodontology faculty and 2019 graduates

nearly 300 faculty members. Over the past 140 years, we have become a national leader in preparing oral health professionals, conducting innovative research, and providing patient-centered care.

Academics

When the Indiana Dental College opened its doors in 1879, 14 faculty members taught a two-year curriculum during five months of each year. The first class admitted six students, but three were quickly promoted to the second-year coursework because they had previous experience in dental offices.

Today, IU School of Dentistry is home to DDS, dental hygiene, dental assisting, dental laboratory technology, and 10 advanced specialty programs taught by



D1 Daniel Azar practices an inlay prep in the Simulation Lab



D4 Mumal Rajani helps D3 Teal Smith refine her suture technique in the Bench Lab

14

Pre-Clinical Labs

The basement labs are where students are transformed into practitioners, learning and refining dental techniques before treating patients in the clinics upstairs. With support from the Indiana Dental Association and alumni, in the past decade, IUSD has completely renovated the basement simulation and bench labs, equipping our students with instrumentation and technology that is among the nation's finest.

Stab Lab

Wanna trade? I'll numb you if you numb me. A perennial first-year favorite, students learn the art of administering anesthetic in "Stab Lab." Pictured, Stab Lab partners Monica McKary and Amber Jaress.



15



Teaching interprofessional perspectives in patient care

What do dentists, nurses, physical therapists, occupational therapists, physicians, and physician assistants have in common? Primarily the health of the patients they share.

DDS and dental hygiene students are collaborating in interprofessional teams with students from IUPUI's health science schools to manage patients with complex health care needs. These large-scale educational events host up to 650 learners.

“Each team collaborates to prioritize the health-related concerns for the patient and then meets with the patient to discuss possible solutions and first steps to take to resolve the health care concerns.”

— DR. LAURA ROMITO
associate professor, Biomedical and Applied Sciences, and assistant dean for faculty development at the Interprofessional Practice and Education Center at IUPUI

TRAILBLAZERS

17



Dr. James Baldwin

Before turning his skills to orthodontics and oral facial genetics, **Dr. James Baldwin** (DDS'54, Ortho'56/'60) studied engineering at the U.S. Military Academy at West Point and received a master's in physics from Yale. While serving IUSD for 56 continuous years, Dr. Baldwin

brought together his diverse interests to the study of clinical biomechanics and the application of Newton's laws of motion to predict and achieve tooth movement. Dr. Baldwin died in January 2019 at the age of 93. Please see a tribute to this beloved faculty member on page 51.

18



Dr. Travis Bellicchi (Prosth'17, MaxilloProsth'18) was the first resident to assemble a multidisciplinary team from the fields of otolaryngology, oncology, orthodontics, maxillofacial

surgery, informatics and computing, mechanical engineering, and sculpting/art/design to create facial prosthetics. The team employs 3-D printing technology and silicone and acrylic resin, restoring aesthetics and function to patients who suffer facial disfiguration from cancer surgery or facial trauma. Here, Dr. Bellicchi fits a prosthetic nose tip for a patient with skin cancer. His team designed and fabricated the prosthesis on a 3-D printer in less than 24 hours after meeting the patient.

19



Dr. Michael Bennett

As a volunteer basketball coach at Wheeler Boys & Girls Club, **Dr. Michael Bennett** (DDS'79, OMFS'82) took a troubled boy under his wing, often driving him to school and attending parent-teacher conferences when the

boy's own mother could not. Today, that boy is a responsible father himself, in a career as a social worker. He calls Dr. Bennett every year on his birthday. Dr. Bennett said that the kids only knew him as "Coach," and never knew he was Indiana University's first African-American oral maxillofacial surgeon. Dr. Bennett also was the first African-American president of the IUSD Alumni Association in 2015-2016.

20



Dr. Charles Burstone (Ortho'55), known as one of the fathers of biomechanics in orthodontics, helped make IUSD one of the major orthodontic institutions in the world. He chaired the Orthodontics Department through most of the 1960s. His legacy continues with the dental school's biennial Charles J. Burstone

Orthodontics Biomechanics Symposium. Dr. Burstone's passion was exploring the science behind tooth movement, with 24 books to his credit, as well as multiple patents.

21



« A real-life Marlboro man in his youth, Dr. Arden Christen kicked the habit out to pasture and later devoted a significant portion of his career to tobacco cessation practice and research.

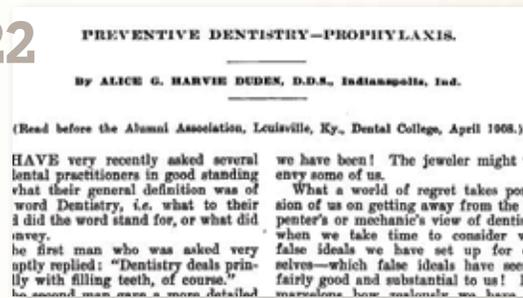


Dr. Arden Christen

Some follow paths. A few blaze trails. Then there is **Dr. Arden Christen** (Oral Diag/Oral Med'65). Upon retiring as a Colonel in the U.S. Air Force Dental Corps after 24 years of active duty, Dr. Christen

finished his DDS in 1956 and an MSD in 1965 at IUSD, where he was a faculty member from 1980 to 2004. He only recently retired from his career as tobacco cessation clinician. Dr. Christen devoted much of his career to tobacco cessation practice and research on nicotine gum and patches, producing about 150 publications on the topic and achieving numerous grants. He also completed numerous tomes on dental history, with more than 100 publications, including definitive books on Painless Parker, volumes on IUSD deans, as well as books on topics ranging from preventative dentistry to limericks.

22



Dr. Alice Harvie Duden was the first woman lecturer in 1908 at the Indiana Dental College. She was an early advocate of the new practice of prophylaxis, or preventive dentistry. In *The Dental Summary* (Ransom & Randolph 1909), she wrote, "A fellow dentist confided to me the other day the fact that prophylaxis was rather getting on his nerves. He said he felt he could hardly get away from it, turn where he would, it almost pursued him. Several colleges that he knew of, had devoted each a chair to that branch...Only this last week two of his very best patients had been in to ask if he couldn't give them some prophylaxis. They said they had some friends who were having prophylaxis treatment regularly, and as a result expected to have little or no more decay."

Dr. Duden's research focused on the link between oral hygiene and kidney disease.

23



Rebekah Fisk
When IU School of Dentistry wanted to create Indiana's first dental hygiene curriculum in 1950, the school recruited **Rebekah Fisk** to develop and launch the program. As former president and executive secretary of the American Dental Hygienists' Association, Ms. Fisk's credentials included developing the National

Dental Hygiene Board Examination and the Dental Hygiene Aptitude Test. She led the IUSD program until her retirement in 1970.

24



Dr. LaForrest Garner
Dr. LaForrest "Woody" Garner was a pioneer as one of the first African-American orthodontists in the United States and the first to chair a major academic department at IUSD. He served on the IUSD faculty and chaired its Department of Orthodontics from 1970 to 1987. He worked on the Craniofacial Anomalies Team at Riley

Children's Hospital and produced scholarly works on the treatment of patients with cleft lip and palate. Dr. Garner mentored underrepresented students and cared for the community through his involvement with the NAACP, Visiting Nurses Association, and Little Red Door.



Dr. Gish with a coveted morel mushroom

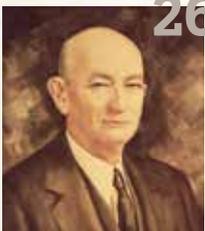
Dr. Charles Gish

As a consultant to the Crest School Program Advisory Council, **Dr. Charles Gish** (DDS '49, Prev Dent '60) helped provide dental health kits to more than 60 million U.S. schoolchildren. His tireless advocacy for fluoridation of Indiana water contributed to the honor of a Sagamore of the Wabash award in 1985. An avid mushroom hunter, Dr. Gish would freely tell you *how* to find morels but would jealously guard any information about *where* to find them.



In front of the lecture hall named in his honor

26



Dr. Milus House entered Indiana Dental College in 1900 with nothing to his name but \$12 dollars and a bicycle. After graduation, he worked in a commercial dental laboratory and began forming dental study clubs, which laid the foundation for his later inventions of articulators and casting machines. Articulator designs, such as the Hall, House, Campbell, Hanau, Stansbury, and Monson, were influenced by the National Society of Denture Prosthetists, which Dr. House helped found. A tribute to the character of Dr. House was that his four sons all followed him into medicine, and together constructed a dental museum at IUSD in their father's name of his voluminous collection of skulls and articulators.

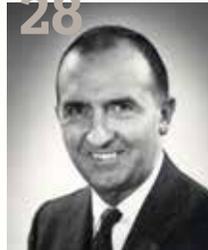
27



Dr. Charles Goodacre
From Loma Linda, it was a short drive to both the Pacific Ocean and the San Bernardino Mountains. But after **Dr. Charles Goodacre** (DentMat '74) left Southern California for an MSD in prosthodontics and dental

materials at IUSD, he and his wife Ruthie liked Indiana well enough to stay. After serving on the faculty for 10 years and taking a turn at private practice in Zionsville, Dr. Goodacre returned to full-time teaching when he accepted the chair of the newly formed IUSD Department of Prosthodontics in the summer of 1986. He later returned to California to serve as dean of Loma Linda University School of Dentistry.

28



Dr. Harry Healey
Dr. Harry Healey (DDS '31, Operative Dent '58) interrupted his 40-year career at the IU School of Dentistry to serve in the U.S. Navy during World War II. He specialized in endodontics and helped gain American Dental Association recognition of the field.

He served as president of the Indiana Dental Association, the Indianapolis District Dental Society, and the American Association of Endodontists. When he retired, he was professor and chair of the Department of Endodontics.

29



Dr. Maynard Hine
When the urban campuses of two universities joined in 1969, **Dr. Maynard Hine** was named the first chancellor of the newly formed Indiana University-Purdue University Indianapolis (IUPUI) and was the first Hoosier elected president of the American Dental Association.

Dr. Hine was IUSD's longest-serving dean, from 1945 to 1968. The weight of textbooks and journal articles he authored, honorary degrees he received, presidencies of academic organizations he led, awards and fellowships he held – all these would collapse the shelves of a normal periodontist.

When a friend asked how he maintained his composure under such demands, he said, "Don't lose your head. It's a very important part of your anatomy."

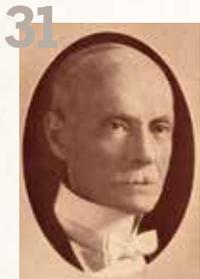


30

Dr. Ryan Hungate

Before studying dentistry, **Dr. Ryan Hungate** (DDS'12) worked at an Apple store, helping customers select new iPhones or Macs. While attending IUSD, he was intrigued by ways to bring technology into education and care delivery. Today, his Simplifeye software system, which he developed for use

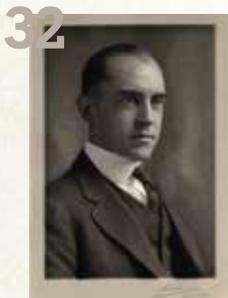
with wearable devices like the Apple Watch, gives practitioners key info about their patients' records and reason for the day's visit. He says his innovation improves workflow and patient satisfaction and reduces wait times.



31

Dr. John Newell Hurty was a medical doctor who never practiced medicine. He was a professor of chemistry and metallurgy, but never a dentist. He was a pharmacist whose primary interest was public health. A Renaissance man, Dr. Hurty served on the faculty of the Indiana Dental College (IUSD's predecessor) from 1881 to 1925, teaching dental hygiene and nutrition.

As secretary of the Indiana State Board of Health, he promoted children's dental health programs as early as 1897. During his tenure, Dr. Hurty was instrumental in the passage of the 1899 Indiana law on pure food and drugs, which later served as a model for the Federal Pure Food and Drug Act of 1906.

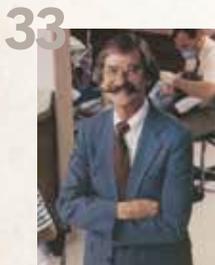


32

Dr. Howard Raper

When little Howard Raper announced to his mother in the mid-1890s that he planned to quit grammar school, she said this was fine, but he would have to go to work. Howard got a job in a shoe factory and lasted all of 10 days before returning to school, which was good news for the field of dentistry. As a 1906 graduate of Indiana Dental College, **Dr. Howard Raper's** interest

in dental radiography resulted in his 1925 development of the bitewing film packet in partnership with Eastman Kodak.



33

Dr. George Stookey

Dr. George Stookey (Prevent Dent'71) began his career in an IUSD lab in the 1950s, earning one dollar an hour testing the fluoride formulation that became the active ingredient in Crest toothpaste. Over the next six decades, Dr. Stookey's dedication to oral health earned him a global reputation as a

pioneer in preventive dentistry, recognition as an Indiana University dean and distinguished professor, and led to his acquisition of a life sciences research company. In 2017, he was bestowed with the William J. Gies Award, dentistry's preeminent recognition, for his innovation in dental education.



34

Dr. Marjorie Swartz

Professor Marjorie Swartz's study of materials, such as adhesives, resins, and sealants, advanced the field of dental restoration and prosthetics. She served as president of the Dental Materials Group of the International Association for Dental Research (IADR). Widely recognized for the quality of her research, she received

IADR's Souder Award for scientific achievement in 1968.



35

Dr. Grant Van Huysen joined the IUSD faculty in 1942 as professor of oral histopathology, almost a decade before oral pathology was considered a dental specialty. He mentored former student Joseph Muhler, who would go on to create the formula for Crest toothpaste. Chair of the Department of Oral Anatomy, Dr. Van Huysen also had an

ear for historical music. In 1976, he collaborated with the dental school's AV department to play chimes every quarter-hour, using recordings of bells from a church in Machenbach, Germany. The audio system also played carillon music four times a day from recordings of bells cast in the 1300s in Utrecht, Holland.



36

Dr. John Williams, IUSD dean from 2010 through June 2019, did something no one else could do. He built a new clinic for the dental school, the first addition in 40 years. A dentist and academic with an MBA, Dean Williams built

a new dental clinic at the University of North Carolina and began one for the University of Louisville before arriving back home in Indiana, a graduate of Connerville High School. "Dean Williams was the first person who had the expertise to develop a reasonable building plan and a way to pay for it," said John Hoffman, associate dean of development. "He built relationships and trust with alumni and persevered through variables that had stopped us in the past. His message was consistent – with alumni support, a new building would be possible."



37

Dr. Karen Yoder

In the 1970s, **Drs. Karen** (DH'62, Public Health DH'63, Gen Dent'83, PhD Dental Sci'97) and **Keith** (DDS'63) **Yoder** packed up their four children and transplanted to Tanzania

and Kenya for five years to provide oral health care. Pictured here in the white coat at the Student Outreach Clinic, Dr. Karen Yoder's public service mission only intensified over her four-decade career at IUSD. As director of community engagement, she always found money to help those without – collaborating with foundations and public health organizations to offer heavily discounted or free oral health care to underserved populations. She also co-created the Global Service Learning program, bringing hundreds of students to impoverished communities around the globe to deliver oral health care.

RESEARCH

38



Our Researchers

In the 1930s, the U.S. Public Health Service designated IU as a research center for the study of pediatric dental diseases and IUSD opened its first research laboratory. Since that time, Indiana's dental school has engaged in robust research that has yielded significant results – many “firsts” and important findings that are relevant today: the first bitewing X-ray, fluoride toothpaste, bone and tissue regeneration, and antiplaque chewing gum for soldiers in the field, to name just a few.

The interaction of the basic sciences with clinical applications has permeated virtually every investigation. “IUSD’s research program continues to make great developments in translational research,” said Tien-Min Gabriel Chu, DDS, PhD, associate dean of research and professor. “We’ve recruited some of the foremost researchers in their fields, and with NIH and industry support, we are leading groundbreaking studies that can catalyze improvements in oral health globally.”

The Birth of Fluoride Toothpaste

In the course of history there are innovations and inventions so substantial they fundamentally change the relationship of people to the world, making it hard for individuals going forward in time to understand how radically different their world is to the world that came before. Vaccines, antibiotics, and other medical advancements are obvious examples, and the invention of fluoridated toothpaste at Indiana University in the 1950s profoundly affected global health.

The basic use and function of toothpaste remained unchanged for thousands of years, but by the early 20th century, epidemiological pioneers established there were lower incidences of dental cavities in communities with higher levels of naturally occurring fluoride in their water supply. This clued researchers into a correlation between fluoride and cavity prevention. Municipal water fluoridation actually precedes fluoride in toothpaste. In 1945, the city of Grand Rapids, Michigan, added fluoride to its water supply. Within a decade, the caries rate in the community dropped 60 percent.

Once academics and toothpaste producers realized that fluoride strengthened tooth enamel, the race was on to isolate and develop a fluoride ion that would be shelf stable and compatible with the abrasives customarily found in marketed toothpaste.

IU was among the academic institutions researching compatibility between compounds and fluoride ions in this pursuit. IU professors **Drs. Harry Day** (biochemistry) and **William Nebergall** (inorganic chemistry) headed a team out of IU Bloomington, investigating possible solutions. It was at this point when **Dr. Joseph Mueller** (above), a dental researcher at the IU School of Dentistry who had been working on research into the structure of phosphates, discovered a calcium phosphate that successfully bonded with stannous fluoride into a paste that was both abrasive and did not cause the fluoride ions to dissipate over time.

A prototype toothpaste was ready by 1952, and IU ran clinical trials on almost 2,000 Hoosier adults and children to demonstrate the efficacy of this new type of toothpaste. The university was granted a patent for the compounds and applications, which were then licensed to Procter & Gamble (P&G) in Cincinnati. P&G released the product as Crest® toothpaste. In 1960, the ADA bestowed Crest with the first-ever Seal of Acceptance, and by the end of the 1960s, Crest held more than 90 percent of the U.S. toothpaste market.



IU Archives



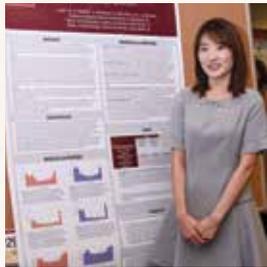
Dr. Domenick Zero, OHRI director

Military Chewing Gum

Soldiers on the move often don't have time to brush. IUSD's Oral Health Research Institute conducted a 2014 study, sponsored by the U.S. Army's Office of the Surgeon General, to test the safety of an anti-plaque chewing gum designed for combat soldiers in the field. The institute's **Dr. Domenick Zero** was the lead investigator for the study of the “combat gum,” which might one day be available to the public over the counter.



42

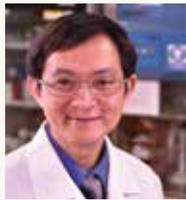
**Research Day**

For more than a quarter of a century, IUSD's annual Research Day has showcased the research and clinical case studies of our inquiring students and their faculty mentors, who are advancing the frontiers of oral health with their discoveries.

43

Bone and Tissue Regeneration

Three IU School of Dentistry researchers are at the forefront of bone and tissue regeneration research to address diseases such as cranial and maxillofacial defects, periodontitis, and osteoporosis.



Dr. Tien-Min Gabriel Chu, professor and associate dean for research, focuses on bone regeneration to repair cranial defects. His research involves implanting a scaffold made of stem cells and chemical cues that attract and find tissue cells. Over six to 14 weeks, the scaffold degrades and in its place are new tissue and bone.

Dr. Angela Bruzzaniti's work reveals the activities of the three major bone cells – osteoclasts, osteoblasts, and osteocytes – that make new bone. Learning how they work is particularly relevant to addressing localized bone loss caused by osteoporosis and periodontitis, expanding the palate, or moving teeth.



Dr. Yasuyoshi Ueki recently joined the Biomedical and Applied Sciences Department as principal investigator of a major NIH grant to study the mechanism of bone resorption in periodontitis.

44

Fluoride's Gold Standard

Dr. Angeles Martínez Mier (PhD Dent Sci'00) is an internationally recognized expert in fluoride measurement. Beginning her preventive dentistry research at IUSD two decades ago under the mentorship of Dr. George Stookey, she has led several NIH-funded teams charged with developing global gold standard methods to measure safe levels of fluoride exposure. "We know that fluoride is safe and effective at an appropriate dose," said Dr. Martínez Mier, who is professor and chair of the Department of Cariology, Operative Dentistry, and Dental Public Health.



.....

"Although it has beneficial effects, fluoride is a unique element in that it also can have detrimental effects if exposure is too great."



45

Patents

IUSD faculty members, past and present, hold numerous patents related to oral health. Most recently, **Dr. Mythily Srinivasan**, associate professor, Oral Pathology, Medicine & Radiology, was issued a 2015 patent for her invention, "Glucocorticoid induced leucine zipper mimetics as therapeutic agents in multiple sclerosis."



46

NASA Mineralized Tissue Studies

When Space Shuttle Columbia (STS-40) launched in June 1991, it carried life sciences experiments, including one conducted by IUSD researchers **Drs. Eugene Roberts, Lawrence Garetto, and Kirt Simmons**. This rodent study investigated the effects of weightlessness on bone formation and furthered advances in the human space flight research.



47

Informatics

Dr. Thankam Paul Thyvalikakath, associate professor, Cariology, Operative Dentistry and Dental Public Health, leads a team that is collecting de-identified patient records at participating practices around the country to analyze and assess treatment outcomes for posterior composite restorations and root canals. "The data captured during patient care can show us where we are succeeding in clinical dentistry and where we can improve," Dr. Thyvalikakath said.

OUR INCREDIBLE STUDENTS 48

More than 700 students in DDS, advanced specialties, dental hygiene, dental assisting, and dental laboratory technology programs light up IUSD's lecture halls, laboratories, and clinics each year.



Students in 1927 and today



49

Before I knew you

More than a few of our students realized other dreams before they got to Indiana's dental school. Applicants include college and pro athletes, Indy 500 princesses, and Olympians (1972 seven-time gold medalist Mark Spitz was accepted but did not attend). **Allison Biehle** (DDS'15) reigned as Miss Indiana USA in 2010 and was Indiana's representative to the 2010 Miss USA pageant in Las Vegas, Nevada. She prefers the quiet streets of her hometown of North Vernon, Indiana, where she returned to join her uncle and fellow IUSD graduate Dr. Allan Goins, Jr. (DDS'80) in the family's dental practice.



50

Staying in state

About 75% of IUSD graduates stay and practice in Indiana. Why do they stay in the Hoosier state when many of them could live and work anywhere? **Emily Murray** (DDS'17) said she wanted to join her dad, **David Marks** (DDS'75) in practice in Carmel, Indiana. "Family is the reason we stayed in Indiana," Murray said. "Not only our personal families, but the family my father created in his practice with his staff and patients. Now I get to play an integral role in continuing these relationships."



51

Diversity

Dental school history records that Drs. Hattie Scott and Lucinia McCollum of the Class of 1891 were the first female graduates of Indiana Dental College. Dr. McCollum was the first woman to serve as president of the dental school's alumni association. Today, about one-half of IUSD's DDS students are women. The Class of 2022 admitted 60 women and 45 men.



The earliest image we have of a black graduate is Dr. S.L. Addison in the Class of 1897.



IUSD's division of Diversity and Student Success encourages underrepresented minority students to pursue careers in oral health, developing relationships with STEM students beginning in middle school.



52

Bradford Woods

During their first week of dental school, incoming first-year students start bonding as a class with team-building exercises at Bradford Woods, Indiana University's Outdoor Center.

53



International Dentist Program

In 2013, IUSD began an International Dentist Program (IDP) to help graduates of qualified international dental programs earn a DDS degree and become licensed to practice in the United States. Approximately 375 people apply each year for 14 spots. Pictured here are IDP students with Dean Williams after their White Coat ceremony in 2015.

PUBLICATIONS

54



The Library

Established in 1881 as a faculty library, IUSD's library is one of the few dental school libraries remaining in the world. Under the direction of Sean Stone the library has digitized every issue of the *Alumni Bulletin*, yearbooks, newsletters, and many school-generated publications, in the past few years. If you are a history buff or just want to remember your dental school days, visit www.dentistry.iu.edu and click on Academics > Library > History and Archives. Warning: you may get lost in the past.

« *The Dental Library team of Sean Stone, director, and Keli Seering and Mike Delporte*

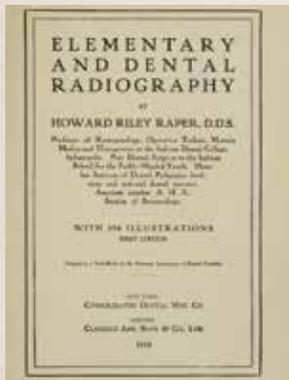
TEXTBOOKS

The IU School of Dentistry is world-renowned for its faculty authorship of dental education textbooks, many of which were the seminal publications in their specialties. Some examples:

55

Mechanical Dentistry (Lindsay & Blakiston, 1860)

Dr. Joseph Richardson. While technically published before the founding of the Indiana Dental College (IDC), Dr. Richardson's textbook on mechanical dentistry, an early text encompassing elements of oral surgery and restorative dentistry, was the first of its kind. Dr. Richardson was the first professor of mechanical dentistry at the IDC.



Elementary and Dental Radiology

(Consolidated Dental Manufacturing Co., 1913)

Dr. Howard Raper (DDS1906), who developed the bitewing X-ray, published the country's first dental radiography textbook, *Elementary and Dental Radiography*. Later writings included an early textbook on preventive dentistry (1926) and *Man Against Pain* (1945), the definitive history of anesthesia.

Phillips Science of Dental Materials

(Saunders, 1st Edition, 1936)

Dr. Ralph Phillips was just 22 when he joined the faculty in 1940. He retired 51 years later and left an impressive body of work on dental materials, including the seminal *Phillips' Science of Dental Materials* (originally *Skinner's Science of Dental Materials*), now in its 12th edition.

« *Dr. Jeffrey Platt, the Ralph W. Phillips Scholar in Dental Materials, with a portrait of his mentor*



Preventative Dentistry

(Mosby, 1954)

Drs. Joseph Muhler, Maynard Hine, and Harry Day. An early text on preventive dentistry from pioneers in the field.

A Textbook of Oral Pathology

(Saunders, 1958)

Dr. William Shafer, who helped create the oral pathology program at IUSD in the 1950s, co-authored *A Textbook of Oral Pathology* with Maynard Hine and Barnet Levy, regarded worldwide for decades as the definite work on the subject.

Johnston's Modern Practice in Crown and Bridge Prosthodontics

(Saunders, 1960)

Drs. John Johnston, Ralph Phillips, and Roland Dykema

Endodontics

(Mosby, 1960)

Dr. Harry Healey, from the Postgraduate Dental Lecture Series

Review of Dentistry: Questions and Answers

(Mosby, 1961)

Dean Emeritus Maynard Hine took over editorial duties of this book of exam questions with the third edition.

TEXTBOOKS CONTINUED »



Dentistry for the Child and Adolescent

(Mosby, 1st Ed 1963)
Dean Emeritus Ralph McDonald (center), considered a global pioneer in pediatric dentistry, co-authored world's longest-running pediatric dentistry textbook with Dr. David Avery (right). Originally published as *Pedodontics* in 1963, Dr. Jeffrey Dean edited the 10th edition, which has been translated into seven languages.

Textbook of Operative Dentistry

(Mosby, 1967)
Dean Emeritus Dr. H. William Gilmore

Textbook of Operative Dentistry

(Saunders, 1981, 1985, 1995)
Drs. Ralph Phillips and Melvin Lund

Improving Dental Practice through Preventive Measures

(Mosby, 1966, 1970, 1975)
Dr. Joseph Muhler

Primary Preventative Dentistry

(Reston Publishing Co., 1982)
Dr. Arden Christen

Modern Practice in Removable Partial Prosthodontics

(Saunders, 1969)
Drs. Roland Dykema, Donald Cunningham, and John Johnston

Infection Control and Management of Hazardous Materials for the Dental Team

(Mosby/Elsevier, 1994)
Dr. Chris Miller; early editions co-authored with Dr. Charles John Palenik. Sixth Edition published in 2018.

Endodontic Therapy

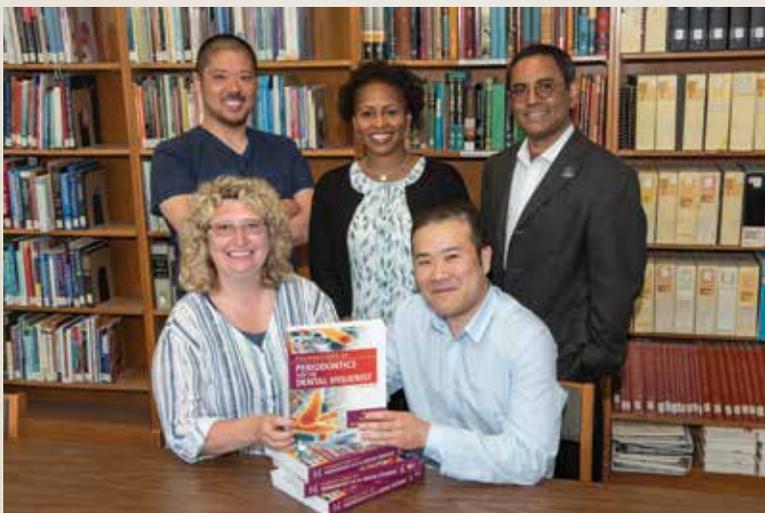
(Mosby, 1972)
Dr. Franklin Weine, co-authored with Drs. Marshall Smulson and Jay Herschman

McCracken's Removable Partial Prosthodontics

(Mosby, 2005)
Dr. David Brown became editor of *McCracken's Removable Partial Prosthodontics*, now in its 13th edition, in 2005.

An Atlas of Dental Radiographic Anatomy

(Saunders, 1977)
Dr. Myron J. Kasle



Foundations of Periodontics for the Dental Hygienist

(Wolters Kluwer, 2019)
Periodontology faculty Dr. Daniel Shin co-authored the most recent 5th edition with additional chapters by IUSD colleagues (top row from left) Drs. Yusuke Hamada (Periodontology), Tawana Ware (Pediatric Dentistry), Vanchit John (Periodontology). Front row, Dental Hygiene Director Lisa Maxwell and Dr. Shin.



56

Jack Carr (DDS'39), an oral surgery and radiology faculty member, was the dental school's historian and photographer for four decades. He was the official photographer for the *Journal of the Indiana Dental Association*, and the ADA honored him for his coverage of ADA meetings. His master's thesis at Butler University was on the history of the Indiana Dental College, IUSD's predecessor. Here he is taking photos at the 1972 faculty conference.

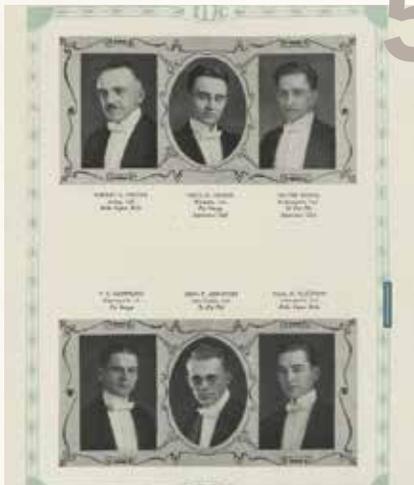


57

Alumni Bulletin

The first issue of this very publication rolled off the press in 1938. Management of the *Alumni Bulletin* has changed hands only five times in more than 80 years, beginning with Dr. John Wilson, professor of operative dentistry (1938 to 1940); followed by Dr. Harry Healey, professor of endodontics (1940-1943); Dr. Ralph Phillips, research professor of dental materials, who edited the publication a record 43 years (1943-1986), with assistance from Professor Paul Barton; followed by Susan Crum and Dr. Jack Schaaf, who served as editors of distinction for 28 years (1986 to 2014). Then as now, the first issue, a four-page newsletter, pledged to keep alumni abreast of the dental school's activities.

58



1922 yearbook page

Yearbooks

The IUSD yearbooks, beginning in 1904, are a treasure trove of history in the life of a dental student in Indiana.



Clinical Affairs Dean Dr. Harvey Weingarten's entry in his 1979 yearbook. Recognize anyone else from the Class of 1979?

59

Journal Editors

Several faculty members serve or have served as editors of peer-reviewed dental journals. For *Operative Dentistry*, Dr. Jeffrey Platt is editor and Dr. Tim Carlson is managing editor. Faculty emeritus Dr. Michael Cochran was the first editor after the publication moved from Seattle to Indianapolis. Dr. Paul Edwards is associate editor of ADEA's MedEdPORTAL; an editor for the American Academy of Oral and Maxillofacial Pathology; and section editor of *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology* – which also was edited by faculty emeritus Dr. Charles Tomich. Former Periodontology Department Chair Dr. Timothy O'Leary was long-time editor of the *Journal of Periodontology*.

Dean's First Friday

Month after month, Dean John Williams publishes his monthly *First Friday* newsletter, informing his 1,200+ readers on dental school and university news and trends in dental education. The April 2019 issue began the eighth year of the monthly publication.

60

The first issue of the *Alumni Bulletin* rolled off the press in 1938. Management of the *Alumni Bulletin* has changed hands only five times in more than 80 years.

PATIENTS 61

Our 22,000 patients

IUSD students provide oral health care for about 22,000 patients each year in our clinics in Indianapolis, Fort Wayne, Evansville, and community health centers across the state.



62



The youngest patients

Since its inception in the 1930s, IU's dental clinic at Riley Hospital for Children has been one of the largest and most respected hospital pediatric dentistry residency programs in the world, focusing on children with special needs and facial anomalies. On the main dental school campus, pre-doctoral students under the

supervision of pediatric dental faculty care for thousands of children each year. Students also educate kids on oral hygiene at schools and community centers through IUSD's Kids' Club and Tooth Scouts.

64



Chancellor Paydar goes to the dentist

One of our most devoted patients is IUPUI Chancellor Nasser H. Paydar, pictured here with his periodontist, Dr. Steven Blanchard. Chancellor Paydar spent the early years of his academic career working in collaboration with IUSD orthodontics faculty on biomechanical engineering studies of TMJ and osteoblasts. "There is only one dental school in the state of Indiana," Chancellor Paydar said. "For my own treatment, I want to go to the source, to the people who taught everyone else. I get wonderful care in a beautiful facility."

.....

"There is only one dental school in the state of Indiana. For my own treatment, I want to go to the source, to the people who taught everyone else. I get wonderful care in a beautiful facility."

— NASSER H. PAYDAR

.....



The program helps unemployed homeless veterans in Indianapolis overcome a barrier that often stands in the way of them getting a job – their teeth.

63

Rebuilding veterans' lives with a smile

Before receiving her new front teeth at the IU School of Dentistry, veteran Judy Butler felt the need to hide her smile, which was the opposite of her cheerful personality. "A smile wipes away any other drudgery, even when I'm feeling bad, not only for me but for the people I interact with," Butler said. "That's a gift that having teeth gives."

Dental students and faculty have provided essential dental care to Butler and more than 200 veterans through a collaborative program among IUSD, Delta Dental Foundation, the Hoosier Veterans Assistance Foundation, and other veterans support agencies. IUSD's Veterans' Health, Wellness, & Employability program provides homeless, unemployed, and low-income veterans with job training and primary and prosthetic dental care to improve their function and appearance. The program helps unemployed homeless veterans in Indianapolis overcome a barrier that often stands in the way of them getting a job – their teeth.

65

COMMUNITY OUTREACH



Global Service Learning trip to Ecuador

Caring for the underserved

IUSD invests in the oral health of underserved communities. Our outreach work across Indianapolis, the state, and the globe brings positive change to people who need oral health care, while providing outstanding educational experiences for our students. They develop civic responsibility, health policy skills and activism, and intercultural respect and understanding.



SEAL Indiana

IUSD hits the road with portable equipment to provide preventive exams, dental sealants, and fluoride treatments for children who do not have adequate access to dental care.

66



69

Student Outreach Clinic

The student-run clinic offers free care to residents of Indianapolis' near eastside. Students volunteer twice a month to treat underserved adults under the supervision of volunteer faculty. Healthy Smiles for Employability, an extension of the Student Outreach Clinic, provides full or partial dentures at no cost to local low-income and uninsured adults because a person's smile, or lack of one, can be a determinant of employability. The ADA Foundation has recognized the Dental Student Outreach Clinic as an exemplary volunteer community service program.



67

Special Smiles

At the Special Olympics Indiana State Games, students and faculty provide oral screening, counseling, referral, and mouth guards as part of the Healthy Athletes program.

68

Give Kids A Smile

Dental school faculty and students provided free preventive dental screenings, fluoride treatments, and preventive oral health care to underserved children at our Give Kids A Smile event on Sat., Feb. 16, 2019. Alumnus Dr. Jeffrey Dalin (DDS'80) founded Give Kids A Smile in St. Louis, Mo., in 2002. The ADA Foundation then launched the program nationally in 2003. This year at IUSD, Andy



Dalin, Dr. Dalin's son and a third-year DDS student, co-organized the 2019 event with Pediatrics Professor Dr. Tawana Ware.

KIDS CLUB



70

Kids Club

Students in the Kids Club educate underserved children in local schools, churches, and community organizations to care for their teeth and gums.

71

Shelter Sealant Program

IUSD also cares for children housed in area homeless shelters and victims of domestic violence.



Students and faculty work in a makeshift clinic in a church in Ecuador



72

Global Service Learning

Instead of laying on a beach over spring and summer breaks, many of our students and faculty travel across the globe to offer dental care to communities in need. Since 2000, when IUSD's Global Service Learning program began, more than 700 students have volunteered in remote third-world villages in Haiti, Ecuador, Mexico, Guatemala, Brazil, Honduras, Kenya, Vietnam, and a South Dakota Indian reservation. "Global service experiences during the DDS program give students the opportunity to share their new skills with communities in need, the possibility of seeing needs and diagnoses they may not encounter in their neighborhoods, and a reminder about the reasons for which they chose this profession," said Dr. Jeffrey Steele, Global Service Learning program director.

STAFF

STAFF

The dental school functions because of the dedication of our incredible staff, who support our students, faculty, administrators, and day-to-day operations.

73

40+ Club



These staff members have spent more than half their lives in the service of Indiana University. Each has worked at IUSD or IUPUI for more than 40 years. Great thanks to (from left) Diana Yates, clinic coordinator, Periodontology; Judy Haines, clinic coordinator, Cariology, Operative Dentistry & Dental Public Health; Cynthia Corbin, senior administrative secretary, Graduate Prosthodontics; Carol Dill, executive assistant, Dean's Office; Mark Dirlam, senior graphic designer, Dental Illustrations; Gayle Massa, clinic manager, Orthodontics; Pamela Elliott, clinic administrator, Clinical Affairs. Yates and Dirlam retired in the past year.

74

**Marthena Smith**

When Marthena Smith retired in 1994 after 42 years at IUSD, the dental assistant and supervisor was one of the longest-serving staff members in the school's history. Her ties to Indiana University were deep: when Smith's mother was a child, her neighbor and playmate was a little boy named Herman B Wells, who grew up to become IU chancellor and president. In April 1968, Smith was on duty and helped treat presidential candidate Robert Kennedy when he arrived at the IUSD dental clinic after chipping a tooth on the door of his limo during an Indianapolis campaign stop.

75

**Cleona Harvey McCreight**

IU School of Dentistry alumni will remember her as "Mrs. Harvey," the administrative assistant to three deans over the course of her 27-year career. Cleona Harvey also counseled many a dental student, including a young Ralph McDonald. Years later, when she supported

Dean McDonald as his assistant, Mrs. Harvey still referred to him as "one of my boys," her nickname for the male dental students she advised and mentored.

76

**Marilyn Herald**

As a single mother in her middle years, Marilyn Herald applied to IUSD in 1985 for a mail delivery position. The problem: the position was technically "clerical" and thus required typing skills, which Herald lacked. The solution: she went to Washington High School at night and

learned how to type. She got the job, never used the typing skills, but carried that ethos of dedication and reliability through a 17-year mail delivery career and thousands of miles behind a cart with the license plate embossed: "Marilyn's Mail Mover."

77

**Gertrude Katzenberger**

Gertrude Katzenberger was only 16 years old when Indiana Dental College hired her in 1916. She was the sole cashier at the school's dental clinic

and served the college and IUSD for more than 50 years. In addition to handling patient receipts at the clinic, "Miss Katz" was known as the school's unofficial fortune-teller. She is pictured here with Dr. Gerald Timmons.

78

**Mabel Walker**

The dental school hired Mabel Walker in 1927 with a certificate in library science, and she immediately put her skills to work organizing the library. She took a hiatus from IUSD in 1942 to serve her country during World War II. She was credited with organizing the libraries at the Naval Ordnance Test Station in China Lake, California, and at the New York

companies that manufactured the famed Norden bombsight. Mrs. Walker returned to IUSD after the war and ran the library until her retirement in 1966.

**Central Sterile Processing**

The sterile processing department and central sterile technicians are the heartbeat of the dental school, working behind the scenes to ensure everything is ready and prepared for our dental procedures. Their goal is to protect the welfare and safety of our patients, which is just one of the reasons they are great. From left, Deborah Stewart, Elise LeFlore, DeAnna Woodley, Will Mitchell, Tawana Arnold. Front row, Ezeral Terrell, Manjula Khalid, and Alicia Davis.

79

**Dental Assistants**

Helping students with procedures, setting up and cleaning operatories, scheduling patients, and occasionally drying tears – how would we function without our dental assistants? From left, Margarita Fajardo, Melissa Floyd, Emmily Crews, Taylor O'Day, Abbie Hitze, Dawn Tolan, Angela Moxley. Seated, Leah Minnis and dental hygienist Beth Wyeth.

80

EVENTS

We always find reasons to gather and celebrate our accomplishments and each other.



81 Jim Dirlam's pig roast

In the 1980s, Dr. Jim Dirlam, oral and maxillofacial surgery faculty, opened up his 20-acre farm in Lebanon, Indiana, for an annual all-day, all-night school pig roast and picnic. Think Woodstock, for dental students.



82 Senior Awards Banquet

Before we send them off, our faculty recognizes the outstanding scholarship, research, and service of our students at the annual awards banquet prior to commencement.

« D4s Pinky Kingrani, Sable Staller, Sireen Yang, Natalie Lorenzano, and Nidhi Shah receive the Johnson Public Health DDS Scholarship Award from Dean Williams and Dr. Armando Soto.



D4 Meghan Potee cuddles with baby Maverick, son of D4 Class President Josiah Smith and his wife Jessie.

83 Family Picnic

The IUSD family, often with their own families, plays corn hole, run around, and eats Hoosier home cooking at the annual school picnic, held in recent years at Garfield Park in Indianapolis. The Alliance of the Indiana Dental Association and IU ASDA co-sponsor the family-fun event.



84 Annual Halloween Contest

For 10 years running, faculty, staff, and students dress up in spooktacular costumes for the annual Halloween contest organized by the Office of Continuing Education. The 2017 first-place winners were staff members Beth Wyeth, Desiree Hollenbaugh, Jami Barnes. Bottom row, Renee Roberts and Barbara Probst-Duncan.



Emad Alazzeah receives his hood

85 Commencement

A cruel twist of parenting is that your job is to prepare your children to leave you. It's the same with our learners. It doesn't get any easier to say goodbye to our students, but we are comforted that IUSD has prepared them to serve their communities as knowledgeable, highly skilled, and compassionate oral health professionals.

86

**Faculty Teaching Conference**

IUSD's annual faculty teaching conference has convened an astounding 53 years. In 1963, the American Association of Dental Schools recommended dental schools establish a committee on teaching. Then-Dean Maynard Hine charged the IUSD teaching committee with developing an in-service teacher education program. The committee, chaired by Dr. Paul Starkey, gave rise to the first faculty teaching conference in 1965. Other members of that first committee were IUSD legends Drs. Charles Burstone, Roland Dykema, William Gilmore, James House, and Miles Standish. In recent years, Drs. Ana Gosweiler and Lisa Willis have chaired the two-day teaching conference. Pictured here, IUSD faculty at the 2018 teaching conference at McCormick's Creek State Park.



87

White Coat

The annual White Coat ceremony is the official welcoming of first-year dental students into their learned profession.



88

Mandiball

Our students go from scrubs to stunning as they don their finest duds for the annual Mandiball dinner dance at the Indiana Roof Ballroom, sponsored by the IU chapter of the American Student Dental Association.



89

Dean's Town Hall

Dr. John Williams has hosted more than 100 Town Halls during his tenure as dean. Held monthly over the lunch hour in a lecture hall, Dean Williams shares news of the school and university, takes questions, and welcomes new staff.

.....

In 1963, the American Association of Dental Schools recommended dental schools establish a committee on teaching. IUSD's annual teaching conference has convened an astounding 53 years.

.....

ATHLETICS

A number of IUSD students are high achievers in both academics and athletics. Dating from the days when the Indiana Dental College listed Butler University among its football rivals, our students are competitive in individual and team competition.



90

The Dents Basketball Team

The Indiana Dental College fielded its own basketball team from 1913 to 1923. The "Dentals" or "Dents," with team colors of purple and gold, competed on the hardwood with colleges like Butler, DePauw, and Earlham. The team embodied an important part of the school's identity, allowing players to complete their classwork early to let them attend afternoon practices. "The Ident" yearbooks of the era focused largely on exploits of the team, with humorous and affectionate anecdotes about team players.

91

The Dentals

We have no pictorial evidence, but dental school yearbooks and historical accounts note there was an **Indiana Dental College football team in 1910**.



92

At age 21, **Dr. Gregory Bell** (DDS'61), center, was a high-school graduate whose future seemed limited to working in a lumberyard. Drafted into the U.S. Army, he discovered latent track-and-field skills like running, jumping, and vaulting while serving. These abilities carried him not only to an athletic scholarship at Indiana University, but earned him a spot on the U.S. Olympic team. He won a gold medal in the long jump at the 1956 Summer Olympics in Melbourne, Australia. From 1954 to 1959, he consistently had the best jump in the world, and at age 25, he became the fifth man in the world to jump 26 feet.



93

IU Athletics

As an IU undergraduate, **Dr. Austin Starr** (DDS'14) kicked the winning field goal against Purdue, sending IU to its last bowl game in 2008. After training for the NFL in 2009, he pursued dental school, graduating with honors in 2014. Dr. Starr returned to Bloomington to practice oral and maxillofacial surgery.



Matt Bowen, Indianapolis Colts

94

After the Sunday Indianapolis Colts games, then-cheerleader **Dr. Megan Daniels** (DDS'16) returned to the bench lab to complete projects. She cheered for the Colts her second and fourth years in dental school.



95

Intramural Softball

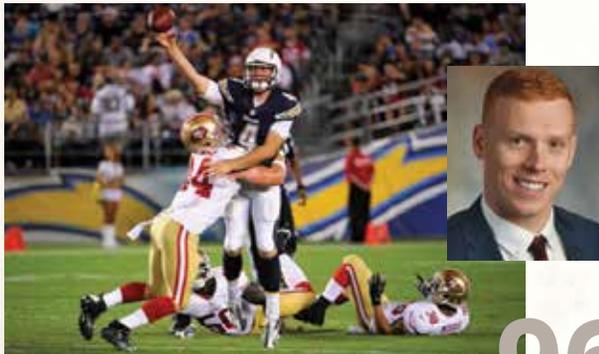
Then-Pedodontic faculty members, residents, and dental assistants won the Campus Softball Championship in the fall of 1983. The "Riley Dental Drill Team" softball team members were Dr. James Weddell, Sharon Smith, Gary Smith, Sue Schultz, Mary Grote, Lynn Schoentrup, Dr. Mark Morrissey, Dr. William Johnson, Dr. Jamie Lemna, Dr. Theodore Lynch, and Dr. John Hennette.



98

Intramural Basketball

Congratulations to IUSD's "Team Scrubs," 2019 intramural basketball champions! From left, Landon Oka, Brooke Scott, Caitlyn Tolen, Nicole Rogers, Grant Greif. Back row, Shanika Maddox, Reinhard Lugalía, Brady Schneider, Joe Scrivano, Benjamin Falcone.



San Francisco 49ers

96

Get him, Joe! Before dental school, **Dr. Joe Holland** (DDS'18) was a linebacker for the San Francisco 49ers (pictured here, pressuring the Chargers quarterback and forcing an incomplete pass), the Miami Dolphins, and the Tampa Bay Buccaneers. At Purdue, he captained the 2011 team and was a two-time Academic All American and a National Football Foundation Scholar Athlete.

97



Synchronized swimmers

Olympic-level synchronized swimming is an athletic competition and an art form often compared to ballet. Competitors typically wear nose clips, despite those devices detracting from the beauty and grace of the swimmer's face. In the 1990s, **Drs.**

Carl Andres and **Glenn Richard** of the IUSD Department of Prosthodontics designed an unobtrusive silicone nose plug, customized for an individual swimmer's anatomy. U.S. competitor Kristen Babb-Sprague won a gold medal in the 1992 Summer Olympics in Barcelona while wearing the IUSD nose plug.



99

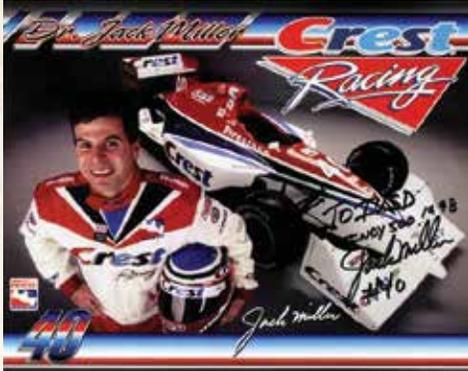
Steve Green

As a first-year basketball coach at Indiana University in 1971, Bobby Knight's very first recruit was 6'7" Steve Green of Sellersburg, Indiana. Dr. Green (DDS'84) was a member of the undefeated 1974 IU Hoosiers men's basketball team and later played with the Indiana Pacers before enrolling in IUSD in 1980. His connection with the Pacers continued as dentist to Bob "Slick" Leonard, color announcer and former coach.



100

After scoring a speaking role in the film "Hoosiers," you might picture a boy ditching college and heading to Hollywood to try his chances as an actor. But **Dr. Steve Hollar** (DDS'93), far left, who acted in scenes opposite Gene Hackman and Dennis Hopper in the Oscar-nominated film, left acting and used his earnings to pay his way through dental school at IUSD. Art imitated life in "Hoosiers" for Dr. Hollar, who played on a real-life Indiana state championship high school basketball team. He later played ball at DePauw University. Not only did he stay in Indiana after dental school, he returned to his hometown of Warsaw to join his father in practice.



Dr. Jack Miller (DDS'92) was an Eagle Scout whose grandfather owned sprint cars. Growing up in Indianapolis, he started open-wheel racing in 1987 and always dreamed of running a car in the Indy 500. Dr. Miller practiced dentistry part-time while making 22 Indy Racing League starts and three Indy 500 showings between 1997 and 2001. Known as "The Racing Dentist," he convinced Proctor and Gamble's Crest® brand to sponsor his racing team by creating a program of mobile dental clinics, where volunteer dentists provided free oral screenings around the United States.

101

ON CAMPUS

The School of Dentistry has been a valuable campus partner at IUPUI over the decades. In fact, it is not just IUSD celebrating an anniversary this year. The IUPUI campus turns 50 in 2019, and Indiana University commemorates its bicentennial through 2020.

102



College Inn

The food was nothing to write home about, but the woman behind the counter at the College Inn was a big-hearted friend and mother figure to thousands of dental students for 43 years. Today's dental students may be surprised to know that a restaurant was located just a few feet from the eastside door at the corner of Michigan and Barnhill. Bella Kennedy Gordon, better known as "Bea" to her customers, managed the College Inn for L.Y. Mazzini from 1931 (two years before the dental school was built) until 1974, when the Inn was torn down. Bea was beloved by dental students for her adept storytelling and endless supply of corny jokes. No matter what they ordered from Bea's short-order kitchen, customers usually found an extra helping of Bea's affection heaped on their plates. At one point, the dental school's PA system was extended to the diner so that students would not miss announcements while eating!



United Way Campaign champions

Eight years in a row, IUSD has dominated the campus-wide United Way luncheon fundraiser kickoff. "It's a great cause and a fantastic showing by our IUSD team," Dean Williams said. In 2018, Drs. Waldemar Polido, David Brown, and Harvey Weingarten joined Dean Williams to provide outstanding luncheon service, garnering the most tips of any campus group.

103



You Gotta Regatta!

IU School of Dentistry's legacy of rowing has dominated each of the IUPUI Regatta's nine years. Teams with names like the Golden Crowns, Minty Fresh, Future Propy Wives, and Mandibulars have made it to the winner's podium. Something about our hand skills and precision!

104

ARTS & CULTURE

MUSICAL GROUPS



Vertical Dimension

105

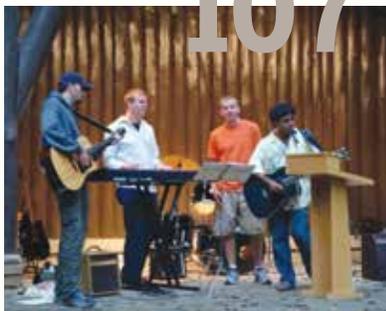
IUSD's talented a cappella student-singing group Vertical Dimension lit up every event where it performed. Dental student Ryan Smith started the group the same year he was a contestant on American Idol. Performers at the Dean's Society annual reception in 2013 were, from left, Annissa Michael, Ashley Carlton, Saba Najamuddin, Kyle Ratliff, Jacob Balkos, Quantez Freeman, Jordan Jenkins, Ryan Smith, Joshua Evans, Stephen Hendricks, Rachel Aziz, Debbie Bademosi, Priscilla Clinton, and Stephanie Parker.



106

Chief Complaint

"Chief Complaint" was a dental student Hawaiian-folk-rock band that performed at school events and was the resident band for the IU chapter of Delta Sigma Delta fraternity between 1998 and 2002. They even wrote a song about Marilyn Herald, who delivered mail around the dental school. Band members were Drs. Michael Israelson, Samuel Bacon, Christopher Yamada, Ryan Cable, and Michael Ng, all of the Class of 2002. Two decades later, the band still plays together. Their last gig was in September 2018 at the wedding of Dr. Jack Winston Choi in Golden, Colo., with several 2002 schoolmates.



107

IUSD House Band

Drs. Alex Jarrett, Joe Platt, Mark Sherer, and Vanchit John played in an IUSD house band in the early 2000s with (not pictured) Drs. Jim Jones, Jim Hartsfield, Mike Flores, Chris Cummings, and Jared Kearschner. They rocked out at the Dean's picnic, karaoke night, and faculty teaching conferences.



108

Classical chops

Joshua Bussard (D3), Sireen Yang (D4), and Sung-Kyung JoAn Kim (D4) perform with the IU School of Medicine Orchestra and at school events. Bussard is concertmaster of the orchestra and a featured soloist. In the 1990s, the Serenity Strings trio (Julie Metcalf, Sara Hook-Shelton, and Dr. Yoshiki Oshida) gave lunchtime and holiday concerts.



IUSD choir

Dr. Norris Richmond conducted the IUSD choir at the annual holiday party in 1981.

109



FASHION

110

Mr. Molar

IUSD gentlemen vie each year for the **Mr. Molar** title. The annual IU American Student Dental Association (ASDA) pageant features scrub wear, formal wear, talent, and question and answer categories. Faculty and staff serve as judges. Pictured here, Ross Brenner walks the runway during the scrub wear category of the 2016 Mr. Molar pageant.

VISUAL ARTS



Dr. Rolando DeCastro,
IUSD's artist in residence

111

Dr. Maynard Hine hired Dr. Rolando DeCastro as IUSD's first dental illustrator in 1968. He is perhaps best known for his work on the dental school's 28-foot mural, painted in his free time between 1975 to 1979. In 30 scenes, the mural illustrates the 10,000-year evolution of dental care from prehistory to the present day, depicting figures from the early human to Hippocrates to modern IUSD educators, such as Rebekah Fisk, Dr. LaForrest Garner, and former deans.

Fritts Clinical Center Art Installations



The photography of alumnus R. Stephen Lehman (DDS'73, Prosth'76) decorates the walls of the James J. Fritts, DDS Clinical Care Center.

112



113

Herron School of Design student Jesús Nava stands under his sculpture "Changing of Seasons," which was installed in the light-filled Dr. Lloyd and Jan Hagedorn Main Street common space and corridor that connects the Fritts Clinical Center addition with the original buildings.

Dental Illustrations

114



Dental Illustrations sculptor, painter, and medical illustrator
Nicole Alderson

In need of a new portrait, technical drawing of an implant screw, or perhaps a silicone nose? Dental Illustrations is the office to see! A hidden enclave of artists in the basement of the dental school, Dental Illustrations has been supporting the academic and clinical missions of the school since we took photos on film and hand lettered certificates. These days the office provides photography, design, illustration, and anaplastology services (and a little bit of anything else that comes along). Long recognized as the hippest office in the building, it's also a popular place for students and faculty to groove to a different vibe and hit the ever-flowing coffee pot.

“Art enables us to find ourselves and lose ourselves at the same time.”

— THOMAS MERTON

ALUMNI

IUSD's alumni are the foundation of our legacy to improve oral health worldwide. Alumni support of the dental school continues IUSD's greatness for future generations.



The Alumni Association Board of Directors at the 2019 Alumni Conference

115

IUSD Alumni Association

The Indiana University School of Dentistry Alumni Association manages the programs and activities for IUSD alumni, including most every event on this page. Karen Jones has managed the IUSD Alumni Association for more than 25 years. About 20 volunteer alumni, who give back to their dental school alma mater through service, meet quarterly to plan alumni programs.



Guests at the 1986 Alumni Conference

116

Alumni Conference

Back in 1942, IUSD Alumni Association President James Huckelberry (DDS'24) inaugurated the first alumni conference and reunion. Each year, IUSD alumni reunite and reminisce about dental school days. The lively conference has been held in Bloomington, Indianapolis, and in recent years, at French Lick Springs Resort in conjunction with the IDA annual meeting.



117

Huckelberry Golf Scramble

In honor of the alumnus and generous donor who started the annual reunion conference, alumni and friends tee off at the Huckelberry Golf Scramble each year, a tradition that began in the early 1960s. Pictured, Brent Grafe (DDS'81) and 1980 DDS classmates Barry Ray, Rob Sheets, and Ken Beckerman.



118



« The IUPDAA at its first biennial in 1965 and the most recent gathering in 2019

Pediatric Dentistry Alumni Association

It was 55 years ago that Drs. Stan Herman (DDS'59, Peds'61), Ralph McDonald (DDS'44, Peds'51), and Paul Starkey (DDS'43) came up with the idea of hosting a pedodontic continuing education program and alumni reunion in Indianapolis. The following year, in 1965, the Indiana University Pediatric Dentistry Alumni Association hosted its first biennial reunion. In May 2019, pediatric alumni met in Chicago for their 27th biennial conference. Today this group has 352 active members.

119

Orthodontic Alumni Association

Over the years, a strong board of dedicated alumni has lead the IU Orthodontic Alumni Association. Generous alumni giving has helped buy equipment for the Department of Orthodontics and Facial Genetics, send residents to the American Association of Orthodontics annual meeting, and provide a memorable graduation experience and reception. Alumni are raising money now to renovate the Orthodontics Clinic. The board also partners in producing an alumni newsletter and biennial continuing education conference. This active group is 385 members strong.

« Orthodontic Alumni Association members, back row, Curtis Harper (DDS'98), Lana Helms (DDS'95, Ortho'97), Ajit Britto (Ortho'98), James Baldwin (DDS'54, Ortho'56/'60); Fernando Martinez (Ortho'01). Front row, Meg O'Rourke, (Ortho'02), Brent Callegari (Ortho'99), Eugene Roberts, chair emeritus.



120

Hine Medal recipients

Named for IUPUI's first chancellor and former IUSD dean, the IU Alumni Association presents this annual award to alumni for their unique and significant contributions to the IUPUI campus and its alumni

programs. IUSD alumni who have been awarded the Hine Medal include: Douglas White Sr. (DDS 1918), 1974; Walter Crum (DDS'27), 1977; Jack Carr (DDS'39), 1980; James Huckelberry (DDS'24), 1991; Robert Modlin (DDS'59), 2000; Frederick Sputh (DDS'77, MSD Ortho'79), 2007; Dean Emeritus Ralph McDonald (DDS'44, MSD Peds'51), 2009; Karen Yoder (AS'62, BS'63, MS'83, PhD'97), 2012; Kenneth Hyde (DDS'75, MSD Ortho'79), 2013; George Zundo (DDS'80), 2017; Roland Ditto (DDS'69, MSD Peds'74), 2018.



121

Dr. Maesaka's Hawaiian homage

Many of our Hawaiian alumni credit Dr. Ray Maesaka (DDS'60) for recruiting and encouraging them to come to IUSD. One of IUSD's best known Prosthodontics professors and department chairs, Dr. Maesaka inspired students and faculty colleagues for 35 years. For decades, the Maesaka family has generously supported and encouraged predoctoral students who excel in prosthodontic education with the Howard K. and Shizuko Maesaka Award, created by Ray and his brother Clifford (DDS'61) in honor of their parents. Here, Dr. Ray Maesaka presents the award to 1997 DDS classmates Yuval Arazi and Brad Ching.

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Generous alumni giving has helped buy equipment for the Department of Orthodontics and Facial Genetics, send residents to the American Association of Orthodontics annual meeting, and provide a memorable graduation experience and reception.

122

Multigenerational families

IUSD is a family affair for many of our graduates. Digging into alumni records revealed numerous three-generation families, such as the Ryan family: Larry (DDS'65), former operative dentistry faculty, Gregory (DDS'96), and Gregory's sons Stuart (DDS'16, Ortho'18) and Grant (DDS'18).





Chicago Midwinter

IUSD graduates brave blustery Chicago winters each February to attend the Chicago Dental Society's Annual Midwinter Meeting and reunite at our alumni reception. Pictured here are friends from the Class of 2014.



Ben Yoder (DDS'96), Retta Lewis, George (DDS'82), and Mary Cooper (ASDH'77, BSEd, '80), associate dean for IU Fort Wayne Allied Dental Education, at the ADA Annual Meeting in Honolulu, Hawaii, in 2018

ADA Alumni Reception

Each fall at the ADA annual meeting, IUSD brings together alumni from across the country at a school reception. "These receptions are a wonderful opportunity for the dental school to reconnect with alumni attending the conferences and also alumni who live in the geographic area," said Karen Jones, IUSD Alumni Association director.



Alumni Cruise

Since 2005, IUSD alumni have set sail across the Atlantic and Pacific oceans on annual cruises to gorgeous locales, such as Alaska, Hawaii, and the east and west Caribbean. Along the way, they earn continuing education credits during class time on board.

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These receptions are a wonderful opportunity for the dental school to reconnect with alumni attending the conferences and also alumni who live in the geographic area."

— KAREN JONES
IUSD Alumni Association director

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GLOBAL ENGAGEMENT

IUSD's global strategy aligns with Indiana University's goal to generate research and knowledge that can help solve major global challenges in health care. As the international demand for dental education continues to rise and educational philosophies evolve, IUSD is one of the most globally engaged schools at Indiana University, said Dr. Michael Kowolik, executive associate dean of faculty affairs and global engagement.

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International university exchanges

IUSD collaborates with dental schools in more than 10 countries on four continents to improve oral health care worldwide, including Brazil, China, Iran, Japan, Kenya, Malaysia, Mexico, Saudi Arabia, South Korea, Taiwan, Thailand, and the United Kingdom. "When we engage with communities internationally, we enhance global learning, broaden health services delivery, promote interprofessional education and collegiality, and enhance the effectiveness of future dental professionals working with diverse populations in diverse settings," Dr. Kowolik said.



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Saudi Arabian exchange

The Kingdom of Saudi Arabia is home to IUSD's largest number of international alumni. King Saud University in Riyadh awarded IUSD a five-year, \$1.3 million grant to educate its students and junior faculty in IUSD's master's and PhD programs. Dr. Afnan Al-Zain, a faculty member at King Abdulaziz University in Jeddah, completed her master's and post-doctoral degrees in dental materials at IUSD, her academic home for 10 years. She is one of numerous international alumni who launched their academic careers at IUSD.



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Japan Implant Program

Since 2011, the Japan Implant Program has brought IUSD and IU School of Medicine faculty to East Asia annually to educate Japanese dentists on advanced implantology. The brainchild of retired biomaterials faculty member Dr. Yoshiki Oshida, the program expanded this year to orthodontics.

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Southeast Asia Gateway

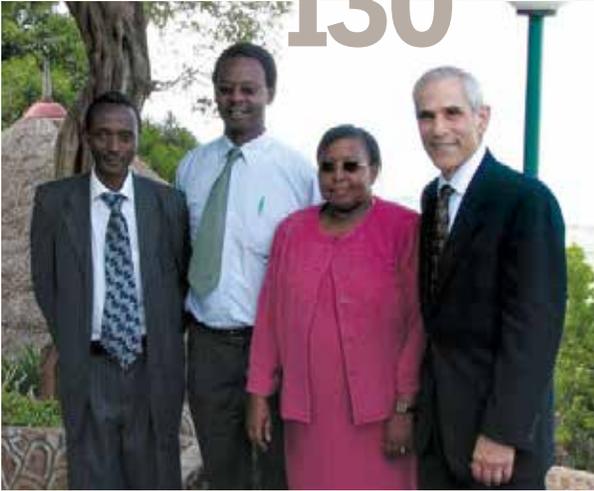
For more than 50 years, IUSD has graduated residents of Thailand. One of the first was Dr. Thanpuying Petchara Techakampuch (pictured here with IU President Michael McRobbie), who became dentist to the King of Thailand. More than 50 Thai students have studied at the IU School of Dentistry, one of the largest alumni contingencies from any country in the world. In March 2019, Dean Williams and Drs. Michael Kowolik and Gabe Chu joined IU President Michael McRobbie to celebrate the opening of the IU Association of Southeast Asian Nations Gateway and commemorate IU's 70 years of close and lasting friendships with the people of Thailand and Southeast Asia.

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King Saud University in Riyadh awarded IUSD a five-year, \$1.3 million grant to educate its students and junior faculty in IUSD's master's and PhD programs.

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Dr. Lawrence I. Goldblatt Global Health Initiatives

As IUSD dean from 1997 to 2010, Dr. Lawrence Goldblatt (MSD'73), right, helped establish the Moi University School of Dentistry (MUSD), the second dental school in Kenya, a nation of 48 million people and only 1,000 dentists. He subsequently supported the annual MUSD/IUSD student exchange in which IUSD students have provided oral health care for Kenyan children. Dr. Goldblatt also worked with MUSD faculty to establish an oral health component to AMPATH, the Academic Model Providing Access to Health Care. The Dr. Lawrence I. Goldblatt Global Health Initiatives Fund, created through the IU Foundation, continues to support collaborations among IUSD and other health institutions around the world.

« Dean Goldblatt with his Kenyan colleagues at Moi University School of Dentistry: Dean Caroline Kibosia and Drs. Kenneth Okemwa and Conway Sang.

PHILANTHROPY

PHILANTHROPY

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Our generous donors

Philanthropic support of dental education has never been more important. As the Indiana state legislature allocation for higher education has steadily declined, the IU School of Dentistry has been raising private funds to meet the shortfall. Thankfully, the generosity and number of our alumni and friends who support the dental school keeps expanding. Furthermore, the IU School of Dentistry is 94% of the way toward meeting its \$40 million private philanthropy goal as part of the university's For All: The Bicentennial Campaign for Indiana University, with 14 months remaining in the campaign. In recent years, generous donors have funded numerous dental school remodeling and construction projects. Enormous thanks to everyone who is investing financially in the future of IUSD's facilities, scholarships, and programs for the future of oral health care in Indiana and beyond.



The James J. Fritts, DDS Clinical Care Center is a testament to the power of philanthropy. A total of 523 donors contributed to the state-of-the-art clinical building, with 157 designated named spaces, one of the highest numbers of designated named spaces for any IU facility.



The renovated Bench Lab



Remodeled lecture halls 114 and 115

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Dr. James Fritts

He's got one earlobe longer than the other, Dr. James Fritts says, from his mother dragging him back to high school when he tried to quit at age 16. When he later dropped out of Purdue after one week as a freshman, his parents worked him so hard that he went back to West Lafayette because school seemed easier. After graduating from dental school in 1965, he practiced in rural Rochester, Indiana, so his young children could be close to their grandparents. He saved, he invested, and he worked the 800 acres that he humbly refers to as "a small grain farm." In gratitude for the livelihood and prosperity afforded him by his IUSD education, Dr. Fritts made a substantial donation toward construction of the state-of-the-art clinic that bears his name and where generations of students will become oral health professionals.

SPIRIT of PHILANTHROPY

2019

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Spirit of Philanthropy Award

Since 1989, Indiana University has bestowed the Spirit of Philanthropy Award to people and organizations that have demonstrated dedication and commitment to the academic and cultural well-being of IUPUI through their generous donations, volunteerism, and other notable investments. Almost 30 IUSD graduates, faculty, and friends have received the Spirit of Philanthropy award for their thoughtfulness and generosity to the IU School of Dentistry. Dr. John and Lucy Williams were the 2019 IUSD recipients.

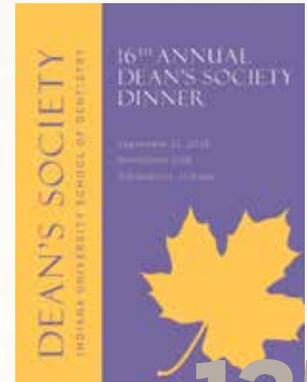


Amy and Bob Hazlewood award D4 Natalie Lorenzano with the Angela Hazlewood Murat Memorial Scholarship. Family and friends established the scholarship to honor the memory of Dr. Angela Hazlewood Murat, who was Class of 2004 president. She died in October 2011 from non-Hodgkin's lymphoma. The award honors a dental student who exemplifies leadership and volunteerism, characteristics in which Dr. Murat excelled.

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Scholarship Awards

Thanks to the donors who make them possible, IUSD awards about \$160,000 each year in scholarships to deserving students. The scholarships help reduce the debt burden our students carry and are an investment in the future of the profession. Thank you to our donors who help support our students during this unique and highly intensive period of their lives.



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Dean's Society

In 2003, Dean Larry Goldblatt and John Hoffman, assistant dean of development, created the Dean's Society to recognize dental school donors who contribute \$1,000 or more annually. In 2003, the Dean's Society had about 175 members. Today, that number has tripled, hovering around 500 members. Thank you to our generous supporters!

In gratitude for the livelihood and prosperity afforded him by his IUSD education, Dr. Fritts made a substantial donation toward construction of the state-of-the-art clinic that bears his name and where generations of students will become oral health professionals.

MILITARY SERVICE

The dental school has a long history of students who served in the armed forces before, during, and after dental school.

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Dean Henshaw serves

During World War I, 69 alumni of the Indiana Dental College were in active service in the U.S. Army Dental Reserve Corp. Another 104 awaited orders. Even Dean Frederick Henshaw took a leave of absence to serve.

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Each year, IU medical and dental school graduates are commissioned into their branch of the military prior to graduation.

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Commissioning Service

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Each year, IU medical and dental school graduates are commissioned into their branch of the military prior to graduation. Faculty members Captain (Ret.) Kim Diefenderfer and Colonel (Ret.) James Oldham commissioned 2019 DDS graduates Elena Wiser, Forrest Fullenkamp, and Joshua Krushinski into the U.S. Army and U.S. Navy.

Rear Admirals

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Not every IUSD graduate goes on to earn a master's in national security and strategic studies, receive military commendations like the Legion of Merit, or reach the rank equivalent to a one-star general. **Rear Admiral Carol Turner** (DDS'75) did all those things. She also holds the distinction of being named the first female military officer in history to lead the U.S. Navy Dental Corps.

Rear Admiral Turner blazed a path for **Rear Admiral Elaine Wagner** (DDS'80), who succeeded her as the second woman to lead the U.S. Navy Dental Corp. in 2010. When Rear Admiral Wagner returned to her dental school alma mater to deliver the commencement address in 2012, her remarks focused on trust: establishing it, extending it, restoring it if necessary, and surrounding oneself with people who are worthy of trust. Admiral Wagner earned the trust of the U.S. Navy, who placed her in command of the Naval Medical Center in Portsmouth, Virginia.

ORGANIZED DENTISTRY

Future oral health care providers are not meant to find their way as professionals alone. It is critical to be a part of a community of support. IUSD hosts numerous chapters of professional organizations and honor societies that encourage students to get involved in organized dentistry while in school and after graduation:

- American Association of Public Health Dentistry
- American Association of Women in Dentistry
- American Dental Education Association
- American Student Dental Association
- Delta Sigma Delta (co-ed dental fraternity)
- Omicron Kappa Upsilon (OKU), Theta Theta Chapter (honor society of dentistry)
- Sigma Phi Alpha, Theta Chapter (honor society of dental hygiene)
- Student Professionalism and Ethics Association in Dentistry

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IUSD's American Student Dental Association members



At the IDA's annual Dental Day at the Indiana State Capitol, third-year dental students meet legislators, including State Representative Dr. Dennis Zent (DDS'79, Endo'85) to learn how to advocate for their profession with policymakers.

Indiana Dental Association

The dental school has an enduring close collaboration with the Indiana Dental Association (IDA). In fact, the IDA established the Indiana Dental College, IUSD's predecessor, in 1879 after promoting a new Indiana law that regulated dental practice and required dentists to be formally trained. One of the IDA's greatest benefits is connecting new and seasoned dental professionals through networking and mentoring in local component societies.



Dental student members of the American Association of Women in Dentistry enjoy a wine and canvas night



Delta Tau Delta Fraternity members raised money on the golf course for families who cannot afford services in the Pre-doctoral Pediatrics Clinic



2019 inductees into the Omicron Kappa Upsilon Honor Society: Back row, Pinky Kingrani, Kyle Kuzmic, Mark McDonough, Nicholas Kolar, Sable Staller, Lauren Wright. Front row, Joseph Rietow, Katherine Habel, Sireen Yang, Kalyssa Bontrager, Aly Ricker, Kaleb Davis. Not pictured, Kathryn Coghlan.

100!

**100% of the DDS Class
of 2019 passed their
dental licensing exams**

(116/116 ADEX & 4/4 WREB)



INDIANA UNIVERSITY
SCHOOL OF DENTISTRY

FACULTY NEWS



David Albright



Sheri Alderson



Steven Blanchard



Timothy Carlson



Gina Castiblanco



Vinicius Dutra



Ahmed Ghoneima



Bruce Gitter



Theresa Gonzalez



Anderson Hara

Dr. David Albright (DDS'85, Ortho'99), an IUSD alumni and veteran of the U.S. Air Force, has joined the Orthodontics and Oral Facial Genetics Department as visiting clinical assistant professor. He served in the U.S. Air Force and taught at IU Northwest while in private practice.

Sheri Alderson, lecturer, Dental Assisting, received a 2019 Trustees Teaching Award for her positive impact on students through teaching.

Dr. Steven Blanchard, Periodontology, was promoted to the rank of tenured associate professor.

Dr. Timothy Carlson (DDS'78, Operative Dent'86), retired professor of Operative

Dentistry and clinic director, was named Outstanding Faculty Member of the Year by the Indiana Dental Association. Dr. Carlson retired in July 2018 after serving on the IUSD faculty for 37 years. He continues as an enthusiastic part-time clinic volunteer.

Dr. Vinicius Dutra has joined the Department of Oral Pathology, Medicine, and Radiology as clinical associate professor of radiology. Dr. Dutra received his dental degree and an MBA at Pontificia Universidade Católica do Rio Grande do Sul and his PhD at the Federal University of Sao Paulo, Brazil. He has served on the radiology faculty at several universities and owned and operated diagnostic imaging centers in Brazil.

Dr. Bruce Gitter, clinical professor, Biomedical Sciences and Comprehensive Care, received a 2019 Trustees Teaching Award for his positive impact through teaching.

Dr. Theresa Gonzalez, clinical assistant professor, Biomedical Sciences and Comprehensive Care, has been named IUSD's director of clinical quality improvement.



Dr. Paul Edwards, professor, Oral and Maxillofacial Pathology, has been named senior associate dean of Academic

Programs, which includes academic affairs, allied dental programs, student success, diversity, and wellness. Dr. Edwards has been serving as associate dean of Academic Affairs. The IU Trustees awarded him tenure in 2018.



Dr. Kelton Stewart, the Dr. James J. Baldwin Professor of Orthodontics, has been promoted to chair of

Orthodontics and Facial Genetics after serving as interim chair. Indiana University bestowed Dr. Stewart with the 2019 Trustees Teaching Award for his positive impact on students.



Dr. Jeffrey Platt, (DDS'84, Dent Mat'96) has been appointed chair of the newly named Department of Biomedical

Sciences and Comprehensive Care. Dr. Platt is an associate professor and the Ralph W. Phillips Scholar in Dental Materials. He became chair of the Department of Biomedical and Applied Sciences in 2016.

IUSD is merging the Department of Comprehensive Care and General Dentistry and the Department of Biomedical and Applied Sciences to support the translation of foundational elements of biomedical sciences into clinical practice.



Vanchit John



Joan Kowolik



Kyle Kramer



Katherine Kula



Gerardo Maupomé



E. Angeles Martínez Mier



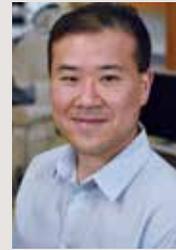
Matthew Miller



Waldemar Daudt Polido



Laura Romito



Daniel Shin

Dr. Anderson Hara was awarded a R21 grant by the National Institute of Dental Craniofacial Research (NIH/NIDCR) to study objective clinical outcomes for the detection, differentiation, and monitoring of erosive tooth wear (dental erosion) progression. Dr. Hara also is the Indiana study site principal investigator in an NIH/NIDCR U01 grant to assess the utility of an assessment tool for the identification of caries high-risk children. He is completing a grant by GlaxoSmithKline with **Dr. Gerardo Maupomé** to research erosive tooth wear, an underdiagnosed condition in the United States.

Dr. Vanchit John (Perio'95, DDS'98), chair, Periodontology, was promoted to the rank of tenured professor.

Dr. Joan Kowolik, director of Pre-Doctoral Pediatric Dentistry, received a \$20,000 Access to Care grant from the American Academy of Pediatric Dentistry to provide oral health care to children whose guardians cannot afford care at the IUSD pediatric clinics.

Dr. Kyle Kramer (DDS'06, GPR'07), dentist anesthesiologist, was promoted to clinical associate professor, Oral Surgery and Hospital Dentistry, by the IU Trustees. Dr. Kramer is the incoming editor-in-chief of *Anesthesia Progress*.

Drs. Katherine Kula and Ahmed Ghoneima (Ortho'14) co-edited the textbook *Cephalometry in Orthodontics: 2D and 3D* (Quintessence 2018). Dr. Kula is professor emeritus and retired chair and Dr. Ghoneima is an adjunct associate faculty member of the Department of Orthodontics and Oral Facial Genetics. As clinical orthodontics transitions from 2-D to 3-D, this textbook defines and depicts all cephalometric landmarks on a skull or spine in both 2-D and 3-D and then identifies them on radiographs.

Dr. E. Angeles Martínez Mier, professor and chair, Cariology, Operative Dentistry, and Dental Public Health, has been elected president-elect of the American Association of Public Health Dentistry. Additionally, with PhD fellow **Dr. Gina Castiblanco**, she received the IU President's International Research Award to study urinary fluoride in pregnant women living in Mexico City. The research on fluoride's impact on fetal growth and development will be relevant for Mexico and other global communities that may have similar fluoride exposure levels and inform health policymakers worldwide. The IU Office of the Bicentennial also has named Dr. Martínez Mier as one of 25 Bicentennial Professors, who are delivering public presentations statewide in their areas of expertise.

Dr. Matthew Miller (DDS'89) is IUSD's new director of continuing education. Dr. Miller is a former president of the State Board of Dentistry and serves in leadership positions on the Commission on Dental Competency Assessments (CDCA) and the American Board of Dental Examiners (ADEX). He is a compliance officer with the Attorney General's office. A lifelong learner himself, he lectures on ethics and jurisprudence and is committed to encouraging the professional development of Indiana's oral health care workforce at IUSD. After dental school, Dr. Miller joined the general dentistry practice of his father, Dr. Kenneth Miller (DDS'58), in Cumberland, Indiana.

Dr. Waldemar Daudt Polido has been named interim chair of the Department of Oral and Maxillofacial Surgery and Hospital Dentistry. A clinical professor, Dr. Polido also serves as interim residency program director, pre-doctoral program director, and co-director of the Center for Implant, Aesthetic and Innovative Dentistry. Dr. Polido joined IUSD in 2017 from the Hospital Moinhos de Vento in Porto Alegre, Brazil, where he served as implant dentistry program director.

Dr. Laura Romito, associate professor, Biomedical Sciences and Comprehensive Care, has been promoted to assistant dean of the Interprofessional Practice and Education Center.



Amul Singh



Sabrina Sochacki



Michael Sovanich



Jeffrey Steele



Shahin Taghikhan



Thankam Thyvalikakath



Tim Treat



Hakan Turkkahraman



Yasuyoshi Ueki



LaQuia Vinson



Chandler Walker

Dr. Daniel Shin, clinical assistant professor, Biomedical Sciences and Comprehensive Care, received the 2019 IUSD Alumni Association Distinguished Faculty Award for Teaching.

Dr. Amul Singh, clinical assistant professor, Biomedical Sciences and Comprehensive Care, received the Johnson Public Health Community Service Award for volunteering and supervising students at the IUSD Student Outreach Clinic and on IUSD's Global Service Learning trips to Honduras, Venezuela, and Kenya.

Dr. Sabrina Sochacki, assistant research professor, Biomedical and Applied Sciences, was awarded the 2018 3M Innovate Research Fellowship to encourage her work to develop an antimicrobial resin-based material to reduce biofilm formation.

Dr. Michael Sovanich (DDS'82) has been appointed full-time clinical assistant professor. He is a clinic director and director of the Screening/Intake Emergency Clinic.

Dr. Jeffrey Steele (DDS'87) has been appointed full-time clinical assistant professor. He is a clinic director and director of IUSD's Global Service Learning program, which brings IUSD students to underserved communities across the globe.

Dr. Shahin Taghikhan has joined the Department of Oral Surgery and Hospital Dentistry as visiting clinical assistant professor, providing direct clinical patient care as well as resident and pre-doctoral education. Dr. Taghikhan was chief resident at the University of San Francisco-Fresno Oral and Maxillofacial Surgery program.

Dr. Thankam Thyvalikakath, Cariology, Operative Dentistry, and Dental Public Health, achieved tenure based on her excellence in research. Dr. Thyvalikakath was the keynote speaker at the 6th Innovation Health Care Summit for the Brazilian Association of the Medical, Dental, Hospital, and Laboratory Equipment Industry.

Dr. Tim Treat (DDS'16) was selected as one of the American Dental Association's 10 Under 10 winners for dentists in practice for 10 years or less. Dr. Treat is an interim clinic director at IUSD and chair of the Indiana Dental Association's Public Affairs Subcommittee of the Governmental Affairs Committee.

Dr. Hakan Turkkahraman has joined Orthodontics and Oral Facial Genetics as visiting associate research professor. Dr. Turkkahraman comes to IUSD from the Division of Plastic and Reconstructive Surgery at Stanford University School of Medicine. His research includes studies of the cellular and molecular mechanisms of root resorption/repair,

cementum regeneration, and the pathophysiology of dentinogenesis imperfecta.

Dr. Yasuyoshi Ueki has joined Biomedical Sciences and Comprehensive Care as an associate professor with tenure. A member of the Japanese Biochemical Society, the American Society of Bone and Mineral Research, and the American Association of Immunologists, Dr. Ueki is principal investigator of an RO1 grant on the mechanism of bone resorption in periodontitis.

Dr. LaQuia Vinson, assistant professor and assistant director of Graduate Pediatric Dentistry, was promoted to the rank of tenured associate professor. The Indiana Dental Association honored her as Outstanding Teacher of the Year.

Dr. Chandler Walker, assistant professor, Biomedical Sciences and Comprehensive Care, received a career development grant from the U.S. Veterans Administration. The grant supports Dr. Walker's work to develop a specific stem-cell based treatment for amyotrophic lateral sclerosis (ALS) and testing whether early prevention of neuromuscular disconnection promotes long-term delays in symptom onset and disease prevention. He also received the 2019 Alumni Association Distinguished Faculty Award for Research.

BRIDGES

Retirements

Dr. David Brown

Dr. David Brown retired on March 1, 2019, after more than 32 years of dedicated service to the Indiana University School of Dentistry. An even-keeled leader and educator, he influenced students, staff, faculty, and administrators through steady, scholarly leadership and practice.

In addition to serving as an educator and administrator, Dr. Brown is a dentist's dentist, always growing as a restorative practitioner. He is co-author of *McCracken's Removable Partial Prosthodontics*, now in its 13th edition.

Dr. Brown graduated from The Ohio State School of Dentistry. Shortly after completing a master's of science degree in prosthodontics and maxillofacial prosthetics at Mayo Clinic, he joined the IU School of Dentistry as an assistant professor. He progressed to tenured associate professor before becoming director of undergraduate Restorative Dentistry in 1996. His administrative abilities quickly led to



him being elevated to acting chair of Restorative Dentistry in 1997, vice chair of that department in 1999, followed by department chair in 2004. At the peak of his administrative career, he retired as professor and assistant dean of Clinical Affairs, a role he began in 2016.

Dr. Brown's passion for dental education was evidenced by his participation on more than 50

graduate student committees as well as serving as co-director of IUSD's International Dental Program. Numerous awards have recognized his dedication, including the IU School of Dentistry Alumni Association Distinguished Faculty Award for Teaching, the Teaching Excellence Recognition Award, and the Indiana University Purdue University Indianapolis Network for Excellence in Teaching Award.

Mark Dirlam

After more than 40 years of beautifully presenting IUSD, its students, faculty, alumni, and staff, Dental Illustrations supervisor Mark Dirlam has retired. Dirlam's commitment to perfection in every offering of his work, his love of fun and craftsmanship, his wit and smile have given IUSD a lasting illustration of what it means to be "all in" when it comes to doing and being one's best. It is estimated that Dirlam impacted the lives and careers of at least 7,000 students.



Terry Wilson, director of public relations and marketing, said that among Dirlam's grand accomplishments, his steadfast, personalized human touch is what shines brightest. "Mark supported countless faculty in the publication of their research and innovations and enabled the good work done at IUSD to reach the world," Wilson said.

Dirlam is a 1978 art education graduate of Indiana University. The IU School of Dentistry Alumni Association honored him with an Appreciation Award in 2017. Even in retirement, we know his lasting illustration of excellence will continue to inspire.

Dr. Richard Jackson

Dr. Richard Jackson (Peds'81) retired after 37 years of service as a researcher and professor in the Department of Cariology, Operative Dentistry, and Dental Public Health. Dr. Jackson has been a leading faculty advocate for interprofessional education. He served admirably on numerous school and IUPUI committees, including admissions, curriculum assessment, graduate research, and campus planning.



A 1979 DMD graduate of the University of Louisville School of Dentistry, Dr. Jackson received a specialty certificate in pediatric dentistry from IUSD in 1981. He said his academic and research career got off to a great start under the mentorship of Dr. George Stookey.

RICHARD JACKSON CONTINUED »

"I've been fortunate to have many accomplished colleagues in my department and in the school both in teaching and research," Dr. Jackson said. "I've gotten to know so many wonderful students who came through IUSD, helping to prepare them for their career path."

Dr. Dominick Zero, director of the Oral Health Research Institute, said "Dr. Jackson has been one our most capable and dependable faculty. He has consistently been willing to lend a hand and take on new responsibilities, always with his warm smile. He has made important research contributions to OHRI over his career and will definitely be missed."

Dr. Jackson produced 46 abstracts, 39 manuscripts, and a book chapter, "Current Evidence for Caries Preventive Strategies," published in *Evidence-Based Dentistry for the Dental Hygienist* (2014).

Sally Phillips

Professor Sally Phillips (AS'80, BS'81) joined the oral health workforce as an allied dental health instructor at the IU School of Dentistry in 1974. Her vision was to improve oral health care through education and service. Over her 45-year career, Phillips has been unwavering in that vision and commitment.



Her journey began as a student in the IU School of Dentistry's dental assisting and expanded functions dental assisting program and progressed to degrees in both dental hygiene and allied health occupations education.

Phillips was active on more than a dozen IUSD committees, such as quality assurance, clinical affairs, dental hygiene admissions, and the IUSD Faculty Council. Her intellectual and professional contributions were not limited to IUSD. Through active membership with the Sigma Phi Alpha Honor Society, the Indiana Dental Hygiene Educator Association, and the American Association of Dental Schools, to name a few, she has given her time and expertise to raise the bar for oral health education and practice in Indiana and nationally.

Long after her retirement, her influence as a faculty advisor and mentor to dental hygiene students will continue to shape the success of allied dental students and the quality of care they deliver to their patients.

Dr. David Sawyer

Dr. David Sawyer (DDS'61) retired as a volunteer faculty member in September 2018. A 1961 DDS graduate, Dr. Sawyer worked in private practice in Catlin, Ill., near Danville, until 1993. He began volunteering in the IUSD Comprehensive Care Clinic in 1995 one or two days a week and stayed overnight with his daughter, faculty member Dr. Lisa Willis.



"My Dad loves to talk and is known for having a 'joke of the day,'" Dr. Willis said. "He told everyone that I was his daughter. Our love and respect for each other is completely mutual."

Dr. Steve Dixon

Dr. Steve Dixon (DDS'73), clinical teacher and clinic director, retired from IUSD after 27 years of service. He began teaching just one day a week as an adjunct instructor in Operative Dentistry. He quickly recognized his love for teaching and transitioned into a full-time teaching position as an assistant professor. He also served as attending faculty for IUSD's General Practice Residency Program. He received numerous faculty accolades, including Best Clinical Instructor and Best Clinical Faculty Member.



"Dr. Dixon is one of the most amazing dentists and teachers I have ever known," said his faculty colleague and former student, Dr. Teresa Gonzalez. "In his role as clinic director, he has selflessly served as a mentor to countless dental students. He will likely never know the positive impact he has had on us."

PASSAGES

1940s

Edgar K. DeJean, DDS'44, Bloomington, Ind., Aug. 17, 2018
John T. Lindquist, DDS'47, Ortho'51, Coral Gables, Fla., Oct. 27, 2018
Lloyd N. Nevel, DDS'47, Sarasota, Fla., Aug. 16, 2018
Merle A. Niederhofer, DDS'42, Cincinnati, Ohio, Dec. 23, 2017
James G. Pierce, DDS'44, Anderson, Ind., April 1, 2019
Marvin A. Tuckman, DDS'47, Fairlawn, NJ, Feb. 6, 2019

1950s

James J. Baldwin, DDS'54, Ortho'56/'60, Indianapolis, Ind., Jan. 31, 2019
George P. Compton, DDS'57, Munster, Ind., Oct. 24, 2018
Eugene E. Ellis, DDS'52, Elkhart, Ind., Oct. 31, 2017
Jack L. Englemen, DDS'58, Mooresville, Ind., Dec. 20, 2018
Geraldine (Davis) Freehill, ASDH'53, Virginia Beach, Va., April 29, 2011
William P. Kelly, DDS'53, Kensington, Md., Feb. 27, 2019
Eugene R. Kuzmic, DDS'58, South Bend, Ind., July 31, 2018
John F. Mapes, DDS'53, Kokomo, Ind., Feb. 7, 2019
John R. Mink, DDS'56, Peds'61, Midway, Ky., Oct. 26, 2018
James L. Pittman, DDS'56, Saint Joseph, Mich., Oct. 18, 2018
Thomas E. Quill Jr., DDS'55, Indianapolis, Ind., Feb. 5, 2019
H.T. Risley, DDS'50, Oakland City, Ind., Oct. 20, 2018
Col. Robert B. Purdy, DDS'59, Aiken, S.C., Dec. 1, 2018
Donald H. Schwartz, DDS'55, Mishawaka, Ind., April 18, 2019
Clarence J. Smith, DDS'51, Evansville, Ind., June 12, 2018
John S. Szakaly, DDS'54, South Bend, Ind., Oct. 7, 2018
James A. Taylor, DDS'51, Muncie, Ind., Jan. 16, 2018
Frank J. Turber, DDS'52, Mount Vernon, Ind., Jan. 30, 2019
James H. Worster, DDS'54, Clearlake Oaks, Calif., March 27, 2019

1960s

Diana J. Baker, BSDH'68, Bloomington, Ind., July 5, 2018
John G. Bies, DDS'61, Jasper, Ind., May 20, 2017
Richard S. Bloomer Jr., DDS'67, Perio'72, Indianapolis, Ind., April 10, 2019
Nancy J. Cornett, ASDH'60, Richmond, Ind., Feb. 11, 2019
Eugene S. Eggers, DDS'63, Peds'68, Green Bay, SC, Sept. 28, 2018
Doyle L. Ellis, DDS'60, Carmel, Ind., March 5, 2019
Erick D. Erickson, DDS'64, Dayton, Ohio, Oct. 3, 2018

Abdel H. Kafrawy, Oral Diag/Oral Med'62, Indianapolis, Ind., July 8, 2018
Charles E. Miller, DDS'68, Akron, Ind., July 2, 2018
Monte E. O'Connor, DDS'60, Bargersville, Ind., July 27, 2018
Paul A. Pangallo, DDS'69, Indianapolis, Ind., March 18, 2018
Michael D. Payer, DDS'65, Huntsville, Ala., Nov. 2, 2018
Robert R. Rock, DDS'63, Batesville, Ind., Aug. 22, 2018
Joe W. Scales, DDS'66, Lafayette, La., Sept. 24, 2018
Joseph W. Shoemaker Sr., DDS'65, Carmel, Ind., Oct. 3, 2018
James C. Springer, DDS'64, Crawfordsville, Ind., May 31, 2017
Anita M. Steel, ASDH'67, Salinas, Calif., Oct. 18, 2018
John Stott III, DDS'69, Indianapolis, Ind., Dec. 22, 2018
Ralph E. Walls, DDS'61, Carmel, Ind., Aug. 8, 2018
Harold W. Watts Jr., DDS'61, Fort Myers, Fla., Oct. 15, 2018
Nelson L. Wolfe, DDS'62, Collinsville, Okla., Nov. 13, 2018

1970s

Joseph W. Bernier, DDS'71, Idyllwild, Calif., Aug. 17, 2018
Alexander Bowman, Crown/Bridge '70, Nanaimo, BC, Canada, March 8, 2018
Lee G. Dunker, DDS'77, Madison, Ind., Jan. 2, 2019
Capt. James O. Hix III, Perio'75, Claremore, Okla., Aug. 11, 2018
Kathleen A. Mallatt, ASDH'76, Plainfield, Ind., Nov. 19, 2018
Dennis H. Nishimine, Perio'78, Fresno, Calif., Dec. 1, 2018
Allan R. Nowakowski, DDS'74, Oral Surg'77, Muncie, Ind., Aug. 13, 2018
Gary L. Plymale, DDS'74, Prosth'99, Homosassa, Fla., Sept. 13, 2018
Michael D. Rader, DDS'79, Fort Myers, Fla., March 18, 2019
Larry D. Roberts, DDS'73, Ortho'88, Bristol, Ind., Sept. 29, 2018
Noble H. Sevier II, DDS'71, Tacoma, Wash., Jan. 6, 2019
Marilyn E. Simmons, ASDH'70, Terre Haute, Ind., Dec. 13, 2017
Joseph V. Stark, DDS'74, Kinston, N.C., March 4, 2019

00s/10s

Geoffrey A. Banga, DDS'04, St. Johns, Fla., Jan. 1, 2015
Vanessa A. Parris Singh, Ortho'10, Indianapolis, Ind., Jan. 1, 2019



Dr. James J. Baldwin (DDS'54, Ortho'56/'60), a remarkable orthodontist and educator, died Jan. 31, 2019. Dr. Baldwin worked as an associate professor of Orthodontics at IUSD from the late 1950s until his retirement in 2014. He was well known for his sense of humor and cheerfulness, traits which he brought into his work as both a teacher and as an orthodontist. He also worked diligently in the field of biomechanics on the development of the segmented arch technique.

"Jim Baldwin was the scientific beacon for the development of biomechanics in orthodontics," said Dr. Eugene Roberts, professor and chair emeritus of the Department of Orthodontics. "He interested his classmate Charles Burstone in the principles of statics and equilibrium. Jim was a consummate clinician and teacher, who dedicated his career to orthodontics education. He was recognized for the longest continuous history of teaching at IUSD."

Dr. Baldwin will be remembered for his intellectual achievements, sense of humor, and devotion to his family, friends, and students. He is survived by his sons, David and Frank, and their families. In lieu of flowers, memorial contributions in Dr. Baldwin's name may be made to the Alzheimer's Association.



B. Keith Moore, PhD, professor emeritus of Dental Materials until his retirement in 2007, passed away on May 3, 2019. Dr. Moore contributed significantly to the development of national and international dental materials standards. He was an active member in the Dental Materials group for 30 years, as well as several other dental research groups.

“Dr. Moore welcomed me with open arms into the Dental Materials graduate program, even while I maintained a full-time practice, so that academics could be part of my future,” said Dr. Jeffrey Platt (DDS’84, MS’96), chair of Biomedical Sciences and Comprehensive Care. “He created relationships with dental materials students and researchers from around the world, gaining utmost respect for his knowledge and willingness to help others succeed. Beyond his intellect and ability to fabricate nearly any device needed in the lab, Dr. Moore was a shining example of a faculty member who cared deeply for the students he mentored. The reputation of IUSD has been built on the shoulders of such faculty.”

In retirement, Dr. Moore continued to give back to the community through his work with Habitat for Humanity.



Dr. Abdel Hady Kafrawy, professor emeritus, Oral Pathology, Medicine, and Radiology, died on July 8, 2018. Dr. Kafrawy retired from the IU School of Dentistry in December 2000 as a beloved faculty member, serving for 31 years. He received his BDS degree from Cairo University, Egypt, in 1958 and attended Cairo University School of Medicine before receiving an MSD in Oral Diagnosis/Oral Medicine from IUSD in 1962.

Dr. Robert Sharp (Perio’74) said, “Dr. Kafrawy was truly a gentleman and a brilliant scholar. Having him guide me with my thesis research project was an honor. I will never forget the time I visited his office with a question, and he got up from his desk, turned around to his bookshelf, removed a book, and turned nearly to the exact page that dealt with my question – truly a brilliant man.”

Dr. Kafrawy is survived by his wife, Amal, of 46 years and their sons Sami and Osman, along with Osman’s wife and children, all of Indianapolis.



Dr. John R. Mink (DDS’56, Peds’61) died on Oct. 26, 2018. Nationally known as a leader in pediatric dentistry, Dr. Mink was a founding member and past president of Indiana University Pediatric Dental Alumni Association. After directing the Pediatric Dental Clinic at Riley Children’s Hospital, Dr. Mink founded and chaired the Department of Pediatric Dentistry at the University of Kentucky, where he taught for 50 years. The John R. Mink Endowed Chair in Pediatric Dentistry and Oral Health Services Research was established in his honor.

“John Mink was an amazing teacher in the fullest extent and meaning of the word,” said IUSD Pediatrics Professor Dr. Juan Yepes. “He was a special man. Not tall in stature, his heart was the size of the Empire State Building. His interactions with children were incredible, and his patients loved him. Dr. Mink was also a terrific mentor. One day I came into his office and said, ‘Dr. Mink, I want to be a pediatric dentist like you.’ He was my role model as a clinician, mentor, teacher, and friend.”

Dr. Mink enjoyed riding horses and competing in the Kentucky Bluegrass State Games. He is survived by his wife of 66 years, Barbara “Jo” Mink, five daughters, 17 grandchildren, and 19 great-grandchildren. His son, James E. Mink, preceded him in death.

ALUMNI EVENTS

IUSD Alumni Reception at the ADA Annual Meeting | Honolulu, Hawaii

October 19, 2018 »

Noho me ka hau'oli means "be happy" in Hawaiian. IUSD faculty, students, and alumni were exceptionally happy to be in Hawaii for the ADA annual meeting and the IUSD alumni reception, followed by the IUSD Alumni Association cruise around the Hawaiian Islands.



1. Bill and Simone (DDS'05) Downs

2. Sunset in Honolulu

3. Shawn Modula and Annette Dusseau (DDS'86)

4. Tim (DDS'16) and Kayla Treat after a hike in Honolulu

5. Mark Sakurai (DDS'84) and Randy Yee (DDS'79, Endo'82)

6. Jeff (DDS'84, Dental Materials'96) and Cathy Platt

7. Megan and Eric (DDS'15) Parker

8. Daniel Stults (DDS'01) and his wife Nicole and children

9. Allison (DDS'07) and Ryan Bergdoll

10. Nina and John (DDS'82) Roberts

Hawaiian Islands IUSD Alumni Cruise

October 20-27, 2018 »



1



2



3



1. Jody (DH'97) and Matt (DDS'97) McCrady
2. Michael Laszynski (DDS'10) and Anne Sy (DDS'10)
3. Tom (DDS'78, Ortho'80) and Deborah Surber at Pu`uhonua O Hōnaunau National Historic Park in Kona
4. Tracy (DH'99) and Jim (DDS'87) Burkart and Bob Szabo (DDS'87) climbed the 134 steps to the I'ao Valley overlook in Maui.
5. Susan and Mark (DDS'87) Mihalo and Lou Sertich (DDS'82)
6. David and Debra (DDS'80) Mannia and Nancy (DDS'80) and Bill Halsema



4



5



6

Periodontics Alumni Reception American Academy of Periodontics Vancouver, British Columbia

October 29, 2018 »



1



2



3

1. Resident Yu-Ting Yeh and Jennifer Chang (Perio'18)
2. Catherine Cummings (Perio'03) and Scott Reef (DDS'91, Perio'96)
3. Kazushi Yasumasu (Perio'07) and Chirdeep Chandrakeerthi (Perio'05)

Thailand

October 29, 2018 »

Indiana University opened its next IU Gateway, The Association of Southeast Asian Nations, in Bangkok, Thailand, in March 2019. Dr. Michael Kowolik, executive associate dean and associate dean, faculty affairs and global engagement, and Dr. Gabe Chu, associate dean of research, traveled to Bangkok and visited with many of IUSD's more than 50 Thai alumni. The Thai Association of Dental Implantology co-hosted a full-day CE program with IUSD.



Dr. Pranai Nakaparksin (Prosth'18); Dr. Tien Men Gabe Chu, associate dean of research; Dr. Michael Kowolik, executive associate dean, associate dean of Faculty Affairs and Global Engagement; Dr. Wallapat Santawisuk, Fulbright Scholar with Dr. Chu, 2008-2009

Dental Hygiene Class Reunion

October 13, 2018, James J. Fritts, DDS Clinical Care Center »



1958



1963



1968



1973



1978



1983



1993



1998



2003

Class of 1958 Front row, Carol Ann Fitch, Pat Blackwell. Back row, Judy Ranger, Grace Langley, Jody Schamn.

Class of 1963 Front row, Martha (Marti) Moriconi, Sarah Blackwell. Back row, Sonya Parmer, Sharon Gentle.

Class of 1968 Sue Bigler, Nancy Sue Cline

Class of 1973 Christine Page, Stephanie Waterman, Jamie Dodson

Class of 1978 Robin Smith, Rena Russell, Pat Orlandi

Class of 1983 Front row, Kimberly Kastner, Susan Martin. Back row, Catherine Hayes, Kimberly Smith.

Class of 1993 Front row, Sharon Otto, Teresa Lynn Brown. Back row, Belinda Hayes, Ronni Smith, Jantis Gay Findley.

Class of 1998 Front row, Regina Leising, Nikki Ryan. Back row, Rosanne Marusa, Debra Smith.

Class of 2003 Jamie Marvel

Chicago Midwinter Dental Meeting IUSD Reception

February 22, 2019 »

SO GREAT TO SEE OLD AND NEW FRIENDS GATHER AT THE ANNUAL IUSD CHICAGO MIDWINTER RECEPTION.



1. Robin Sheets (DDS'80); John Hoffman, assistant dean of development; and Kyle Sheets (DDS'11)
2. Phillip Polus (DDS'81) and his daughter Alexandra Polus
3. D4 students and faculty: Il Won Chang, Alberto Vargas Martinez, Nashid Ahmed, John Chau, Dean John Williams, Dr. Larry Crisafulli, Nick Torrance, Christopher Sicinski, Dr. Harvey Weingarten (DDS'79)
4. Juliet Eaton, Kelly Owens (ASDH'08), Debra Lula (ASDH'85)
5. Michael Meyer (DDS'84) and guest

6. Helen Kirscher (DDS'88), Jim Jones (Pedo'83, PhD'93), and Sherry Jones
7. Gretchen (DDS'71) and Robert (DDS'80) Dickson
8. Neal Richter (DDS'81), IUSD Alumni Board President Stephen Rasmussen (DDS'86), and Jean Rasmussen
9. David (DDS'94) and Mary Beth Schmidt
10. Jason Maxwell (DDS'17), his wife Brittney, and Lucy Williams



INDIANA UNIVERSITY SCHOOL OF DENTISTRY CALENDAR

06 | 15 | 2019

IUSDAA Board of Directors Meeting
4:30 - 6:00 p.m.
French Lick Hotel
French Lick, IN

06 | 15 | 2019

IUSDAA All Alumni Dinner and Class Reunion Receptions
6:30 - 11:00 p.m.
French Lick Hotel
French Lick, IN

07 | 12 | 2019

Orthodontic Graduation Dinner
6:00 - 9:00 p.m.
Woodstock Club
Indianapolis, IN

09 | 05 | 2019

ADA Alumni Reception
5:00 p.m. - 6:30 p.m.
Location TBD

10 | 12 | 2019

Dental Hygiene Class Reunions
10:00 a.m. - 2:00 p.m.
IUSD

11/2-5 | 2019

Perio Alumni Reception
Time TBD
Location TBD

5/1-5/5 | 2020

AAO Orthodontic Alumni Reception
TBD

5/21-5/23 | 2020

Pediatric Dental Alumni Suite
Nashville TN

6/10-6/13 | 2020

IUSD Annual Alumni Class Reunion Activities & Dinner
French Lick, IN

Summer 2020

Alaskan Cruise
June 27-July 4, 2020

TBD | 2020

7 Night Authentic Cuba Cruise
Depart Ft. Lauderdale

For more information about these events contact Karen Jones, Office of Alumni Relations, at 317-274-8959 or kdeery@iupui.edu.

Holland America ms Eurodam Alaska Itinerary 2020

Day 1

Saturday, June 27 | Seattle, WA | Set Sail at 4:00 pm

Day 2

Sunday, June 28 | At Sea

Day 3

Monday, June 29 | Juneau, AK | 1:00 pm - 10:00 pm

Day 4

Tuesday, June 30 | Glacier Bay | 7:00 am - 4:00 pm

Day 5

Wednesday, July 1 | Sitka, AK | 8:00 am - 5:00 pm

Day 6

Thursday, July 2 | Ketchikan, AK | 7:00 am - 1:00 pm

Day 7

Friday, July 3 | Victoria, Canada | 6:00 pm - 11:30 pm

Day 8

Saturday, July 4 | Seattle, WA | Arrives at 7:00 am



Please call Ambassador Cruise Desk at 317-218-0802 or 800-225-9919 ext. 283, Mon. - Fri. between 8:30 a.m. - 5:30 p.m. to book your cruise or ask questions.

Prices will vary depending on availability.



from **JOHN HOFFMAN**

ASSISTANT DEAN OF DEVELOPMENT

On behalf of the alumni and friends of IUSD, my sincerest thanks for another strong philanthropic year.

Indiana University has embarked on a \$3 billion university-wide capital campaign referred to as the IU Bicentennial Campaign, celebrating the 200th anniversary of the establishment of Indiana University in 1820. The Bicentennial Campaign is scheduled to wrap up June 30, 2020.

The IU Foundation asked every school at IU to establish a fundraising goal for the IU Bicentennial Campaign. I am pleased to report that out of all of the academic units that make up the IUPUI campus, IUSD set the second-highest campaign goal of \$40 million. As of May 2019, we have raised \$37.6 million, 94% of our overall goal, with 14 months remaining in the campaign.

Many of you who have gotten to know me well over my 16 years with IUSD understand that I do not tend to focus on or emphasize campaign-giving totals. In fact, I rarely mention that IUSD is in a campaign mode. Perhaps I should utilize the notion of a campaign more often to create a sense of urgency, but it is just not my style.

Rather, I like to focus on the importance and the impact your generosity brings to IUSD and how it affects the quality of our programs and facilities for our students, faculty, and staff. I am a big believer that if you ask for participation with intent and purpose, all the while treating your audience with respect, the numbers will take care of themselves. Simultaneously, along the way, meaningful and fulfilling relationships develop and flourish – relationships that turn into friendships that last many years. Relationships where all involved sincerely care and invest in the future of the dental profession and IUSD's

role in providing an effective environment for teaching and learning. Relationships that make us proud to support our school and our mission.

I simply ask that you continue to support IUSD and its future endeavors with your ongoing thoughtfulness and generosity throughout the remainder of the IU Bicentennial Campaign and beyond. With your support, we built a magnificent new clinical educational facility. Now we need to rehabilitate the historic buildings we occupy. As we transition to new leadership with the appointment of Dr. Carol Anne Murdoch-Kinch as our new dean and celebrate the 140th anniversary of Indiana's only dental school, I cannot think of a more powerful way to communicate your advocacy for and belief in IUSD and the dental profession than contributing to this endeavor.

Best regards,

John Hoffman
Assistant Dean of Development
Indiana University School of Dentistry
johoffma@iu.edu | (317) 274-5313

DEAN'S SOCIETY

The Indiana University School of Dentistry gratefully acknowledges the following individuals for their generous support of the school's efforts in the past fiscal year. The Dean's Society recognizes gifts of \$1,000 or more, given between July 1, 2017, and June 30, 2018. Dean's Society members gathered for a reception in the James J. Fritts, DDS Clinical Care Center followed by a dinner at the Woodstock Club in Indianapolis on Sept. 21, 2018.

Gold Members

\$100,000 and above

Dr. James and Lana Fritts
Dr. Joe Rinard
Straumann USA
Dr. Lucy White*

\$10,000–\$99,999

Anonymous
Dr. Steven L. Davis
Delta Dental Foundation
Dentsply Sirona Endodontics
Dr. Gay Derderian
Dr. Lloyd and Jan Hagedorn
Dr. Joseph and Denyce Heidelman
Indianapolis Foundation
Japan Implant Practice
KLS Martin L.P.
Dr. Brian and Dorene Lee
Drs. Sangyoung and Esther Lee
Ms. Deborah Manne
Dr. David Montes
Ms. Alice Phillips
Dr. John Regan
Dr. Joel Salom
Dr. Charles and Alice Simons
Dr. Mark and Laura Stetzel
Dr. Seth and Susan Tambrini
Ms. Marjorie Tarplee*
Dr. Mindy Van and Stephen Lee
Dr. Kurt and Ellie Van Winkle
Dr. Robert and Jacqueline Walden
Dr. Kevin and Susan Ward
Dr. John and Lucy Williams

\$5,000–\$9,999

Dr. Benjamin and Nicole Adams
Dr. Leonard and Nancy Anglis
Dr. Jay and Rulan Asdell
Dr. Normund Auzins and Bonnie Stewart
Dr. R. Todd and Julia Bergman
Dr. David and Betty Bojrab
Dr. Richard and Cynthia Burns
Dr. Jeffrey and Jean Buttrum
Dr. Diane Buyer and Timothy Yale
Dr. Ho-Youl and Kyunghwa Chang
Drs. J. Kevin and Elaine Coghlan
Dr. Christopher and Kristen Crane
Dr. Kevin Deardorf
Dr. Timothy and Christine Devitt
Dr. Gina Dilger DeWald and Joseph DeWald
Dr. Roland and Janis Ditto
Dr. Mahya Farnia
Foundation of Indiana Section of ACD, Inc.
Dr. Brent and Elizabeth Garrison
Dr. H. William and Kathryn Gilmore
Dr. William and Leslie Gitlin
Dr. Lawrence and Cassie Goldblatt
Dr. Karl and Margret Gossweiler
Dr. Gabriel Hostalet
Dr. Mark Jackson
Dr. John and Lindy Jeppson
Dr. Michael and Elaine Keller
Dr. Patrick and Elizabeth Kelly
Dr. Thomas and Charlotte Kepic
Dr. Michael and Amy Koufos
Dr. R. Stephen and Maureen Lehman
Dr. James LoPrete
Dr. Robert and Sarah McDonough
Dr. Matthew and Sherry Monesmith

Dr. Tod and Jennifer Moretton
Dr. Philip and Signe Nicholson
Dr. Steven and Cynthia Patterson
Dr. Gregory and Stephanie Phillips
Dr. Anthony and Mary Puntillo
Dr. O. H. and Connie Rigsbee
Drs. Gary Schinbeckler and Lesley Gilbert
Dr. Daniel Shin
Dr. Charles and Myrna Smith
Dr. Michael and Robin Sovanich
Dr. Joseph and Shannon Spires
Drs. Charles and Nancy Steffel
Dr. Jeffrey Stolarz
Dr. Gary and Nancy Taylor
Dr. Michelle and Brian Wittler
Drs. Sonya Wu and Richard Ng
Dr. Randall and Elizabeth Yee

Silver Members

\$2,500–\$4,999

Avon Oral & Maxillofacial Surgery
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Dr. Thomas and Barbara Barrick
Dr. Michael and Marcha Bennett
Dr. Thomas Blake
Dr. Harry Bopp
Dr. Beau Brasseale
Dr. Carol Braun
Dr. David and Ann Brown
Dr. Timothy and Ann Carlson
Dr. Larry and Stacey Caskey
Dr. Terence and Minghui Chan
Dr. Janet and Sen. J. Murray Clark



Reed (DDS'88) and Shana Johnson



Cindy and Jess (DDS'81) Holler



Cara and Ryan (DDS'94) Ross



Barbara and S. Chris Gartner (DDS'81)



Jeffrey (DDS'87) and Elizabeth Steele



Lynn Gassoway (DDS'74) and Bob Ewbank (DDS'57, Oral Path'61)

Silver Members Continued »

- Dr. Matthew and Vanessa Davis
- Dr. Jeffrey and Barbara Dean
- Dr. Eugene Dellinger
- Dr. Bernard and Linda Dreiman
- East Central Dental Society
- East Central Indiana Oral & Maxillofacial Surgery, LLC
- Drs. Abigail and Eric Edds
- Dr. Erick* and Julienne Erickson
- Dr. Robert and Joan Eversole
- Dr. David and Lori Fairchild
- Mr. Russell and Margaret Garrett
- Drs. Michael and Julie Gideon
- Dr. Jason and Katie Glassley
- Dr. James and Mary Gordon
- Dr. Anthony and Haley Griglione
- Dr. Mark and Libby Haring
- Dr. James and Leah Hayslett
- Drs. Stephen Holka and Elizabeth Miller
- Dr. J. Todd Hunt
- Indiana Society of Oral and Maxillofacial Surgeons
- Indiana Society of Pediatric Dentists
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- Dr. Bret and Tracey Jerger
- Dr. Arthur and Julie Johnson
- Dr. James and Sherry Jones
- Dr. Angelo and Christy Julovitch
- Drs. Michael and Joan Kowolik
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- Drs. Donald and Diane Liberty
- Dr. Debra and David Mannia
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- Dr. Andrew and Martha Nerness
- Dr. Carl and Linda Newton
- Dr. Richard and Ann Nowakowski
- Dr. Frederick and Caroline Robbins
- Dr. Terry and Loretta Schechner
- Dr. Daniel and Rebecca Schmidt
- Dr. Kenneth and Beverly Spolnik
- Dr. Howard and Maureen Stevenson
- Dr. Kelton Stewart
- Drs. Mychel and George Vail
- Dr. Douglas and Sharon Weber
- Drs. Eric Yokota and Cynthia

Bronze Members

\$1,000 - \$2,499

- Dr. Don Abel
- A-dec
- Dr. John and Melissa Ahler
- Dr. Robert and Jennifer Alderman
- Dr. David Alexander
- Dr. Nolan Allen
- Dr. Ronald and Dani Allen
- Dr. Fernando Alvarado
- American Academy of Periodontology Foundation
- American Board of Pediatric Dentistry
- Dr. Mark Anderson
- Dr. Theodoros Aneziris
- Drs. Mary and William Argus
- Dr. Richard and Sally Armstrong
- Dr. Robert and Karen Austgen
- Dr. John and Sheila Austin
- Drs. David Avery and Susan Zunt
- Dr. Bashar Bakdash
- Dr. Charles Baker
- Drs. Lisa Baker and Barbara Siwy
- Dr. Scott Barrix
- Dr. Douglas and Sandra Barton
- Dr. Joe and Brenda Baumgartner
- Dr. Richard Benveniste
- Drs. Svetlana and Solomon Berman
- Dr. Vidya Bettagere
- Dr. Christine Bishop and Henry Wong
- Dr. Richard and Sabrina Blake
- Dr. Roy Blake
- Drs. Bonni Boone-Wong and Steven Wong
- Mr. Janusz K. Bora
- Dr. Marybeth Brandt
- Dr. Robert and Patricia Brandys
- Dr. Krieger and Shannon Brasseale
- Dr. Arnold and Martha Braun
- Dr. Josef Bringas
- Dr. Todd and Mary Briscoe
- Dr. Gary and Lois Brown
- Mr. Timothy Brown
- Drs. Angela Bruzzaniti and Brian Bloomquist
- Dr. Steven and Andora Buedel
- Dr. James and Tracy Burkart
- Drs. Christopher and Jill Burns
- Drs. Daniel and Linda Burns
- Dr. Thomas and Mary Burns
- Dr. John and Brenda Bush

- Dr. Tyrus Campbell and Sara Flora Campbell
- Dr. Guthrie and Betty Carr
- Dr. William and Adele Carr
- Dr. Mara Catey-Williams and Stephen Williams
- Dr. Yung-Neng and Li Cheng
- Dr. Arden and Joan Christen
- Dr. Kevin and Jean Christiansen
- Dr. J. Thomas and Amy Christie
- Dr. Gabriel and Annette Chu
- Dr. Patricia and Bernard Clark
- Dr. Larry and Barbara Clemons
- Dr. G. Thomas and Victoria Cloyd
- Dr. Chester and Margaret Coccia
- Drs. Michael Cochran and Christianne Guba-Cochran
- Dr. Charles and Helen Coghlan
- Dr. Phillip and Kandis Conn
- Dr. Sean Cook
- Dr. Stephen and Nancy Cook
- Dr. Donald and Elizabeth Darbro
- Dr. C. Darrell and Michelle Deem
- Dr. Aron and Robin Dellinger
- Dr. Kenneth and Sandra DeNardo
- Dr. John Deppen
- Ms. Tamara Derda
- Dr. Donald Dicks
- Dr. Shelley and Dino Dieudonne
- Dr. Kenneth and Martha Dilger
- Drs. Desiree Dimond and Richard Bonaccorsi
- Dr. Erich and Lisa Dittmar
- Dr. Steven and Patricia Dixon
- Dr. Bruce Dragoo
- Mr. Thomas and Catherine Drew
- Dr. John Drone
- Drs. James Duncan and Jami Warner-Duncan
- Dr. Steven and Laura Ellinwood
- Dr. Brent and Rose Ellis
- Dr. Karen Ellis
- Dr. Lawrence and Jody Ellis
- Dr. Paul and Ashley Ellis
- Dr. Richard and Danae Emerson
- Dr. David and Michelle Engen
- Dr. Robert and Sue Ewbank
- Dr. Edgar and Eunice* Fiedler
- Dr. Clifford and Jennifer Fiscus
- Dr. James and Catherine Fisher
- Dr. Owen and April Forbes
- Dr. Joseph and Anne Fox
- Dr. Daniel Fridh
- Dr. Stephen and Melissa Gabrielsen



Leonard (DDS'73) and Christine Scott



Becky and Richard Gregory, associate dean of graduate education



Patrick (DDS'12) and Elizabeth Kelly

Dr. Donald and Julie Gardner
 Dr. Lawrence and Denise Garetto
 Garfield Refining
 Ms. Alfreida Garner
 Dr. S. Chris and Barbara Gartner
 Dr. Lynn Gassoway and Albert Reichle
 Dr. Amy and Anthony Gerardot
 Dr. Suzanne and Charles Germain
 Dr. Thomas and Patricia Gibbs
 Dr. Thomas and Amy Gilbert
 Dr. Charles and Treva Gish
 Dr. Lynn Gitlin-Stein and Michael Stein
 Dr. Jennifer Goff and Thomas Fulton
 Drs. Jeffery Gore and Amy Viano
 Dr. Dale Goris
 Dr. Michael and Kathryn Gradeless
 Dr. Anthony and Rosemary Grasso
 Dr. Alice Sue Green and Ray Dubea
 Dr. Richard and Rebecca Gregory
 Dr. Joseph and Greta Grider
 Dr. William and Miriam Groh
 Dr. Thomas and Michelle Hadley
 Dr. Nancy and William Halsema
 Dr. Scott and Carol Hamer
 Dr. Nora Harmsen and Gen. David Bramlett
 Dr. Sean and Dawn Hart
 Dr. William and Victoria Hart
 Dr. Carl and Barbara Hash
 Dr. John and Deborah Hayes

Dr. Lana and Charles Helms
 Dr. Vickie Hemann
 Dr. John and Cynthia Hennette
 Henry Schein Dental
 Dr. James and Elizabeth Higgins
 Dr. Charles and Jennifer Hine
 Dr. William and Michelle Hine
 Dr. Gary and Joanne Hinz
 Dr. Steven and Susan Hoagburg
 Mr. John and Lisa Hoffman
 Dr. Charles and Jacqueline* Hollar
 Dr. Steven and Jennifer Hollar
 Dr. Jess and Cynthia Holler
 Dr. Steven and Lynn Holm
 Dr. David and Elaine Holwager
 Dr. Burton and Michele Horwitz
 Dr. Harley and Christine Houghton
 Drs. Bradley and Jill Houston
 Drs. Suteera and Chamnan Hovijitra
 Dr. David and Cathy Howell
 Dr. Jay Hughes
 Dr. Charles Hurst
 Drs. Doug Huynh and Tam Pham
 Dr. Kenneth and Kathleen Hyde
 Indiana Endodontics
 Indianapolis District Dental Society
 Foundation Inc.
 Dr. Brian and Misti James
 Dr. James and Pamela Jansen

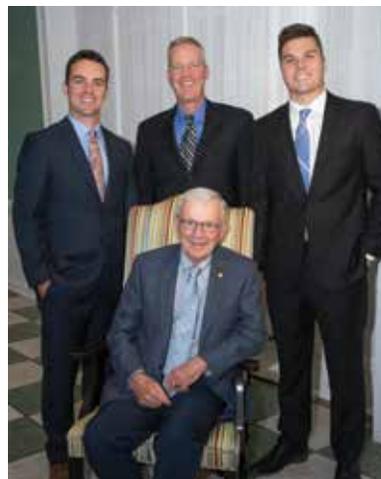
Dr. Dennis and Jolie Jenkins
 Dr. Daniel Jenks
 Dr. Vanchit and Sharmila John
 Dr. Paul and Rene Johnson
 Dr. Reed and Shana Johnson
 Dr. Ronald Johnston
 Dr. Phillip Jones
 Dr. David and Pennie Judy
 Dr. Darin and Roxanne Kajioke
 Dr. Todd Kaminski
 Dr. Kenneth and Mary Kaneshiro
 Dr. William and Phyllis Keaty
 Dr. Jeremy Keener
 Dr. Mark and Sheryl Kendra
 Dr. Jennifer and Paul Kennedy
 Mr. Ronald and Carol Kieffer
 Dr. Daryl Kimche
 Dr. Brian and Charlotte Kirkwood
 Ms. Sally Klein
 Dr. James and Jennifer Klinger
 Dr. Mark Kolozenski
 Dr. Jerold and Lori Kouchi
 Dr. Jennifer and Mark Kugar
 Dr. Daryl Kwan
 Dr. Frank Kyle Jr.
 Dr. Penny Lampros and Barry Smith
 Ms. Lois Laskowski
 Dr. Warren Lawson
 Dr. Tawana Lee-Ware



Phil (DDS'76) and Signe Nicholson



Tammy and Robby Meeks, Henry Schein



Three generations of Hollars: Bennett (D3), Steven (DDS'93), Jonny, and Charles (DDS'64)



Doug Huynh (DDS'03) and Tam Pham (DDS'99)



Dr. John Williams, dean, and his wife Lucy hosted their final Dean's Society dinner



Jacqueline and Robert (DDS'59) Walden



Fred (DDS'77, Ortho'79) and Ann Sputh

Bronze Members Continued »

Dr. Chad and Sandra Leighty
 Mr. Steven Levinson
 Dr. John and Kathy Levon
 Dr. Paul Ley
 Dr. James and Abby Lipton
 Dr. Carlo Lo
 Dr. Mark and Amy Magura
 Dr. Shilpa Mailapur and Anil Boggaram
 Dr. Brett and Stephanie Mann
 Dr. David Marks
 Dr. Mark and Stacie Massey
 Dr. John and Lynn Mast
 Drs. David Matthews and Cynthia Molenda
 Dr. James and Nancy McCormick
 Dr. Carey and Karen McLaughlin
 Prof. Melinda Meadows
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The faculty, staff, students, and alumni extend our greatest thanks to Dr. John and Lucy Williams for their service to the Indiana University School of Dentistry.

Under Dean Williams' leadership, the dental school has completed more than \$40 million in student space renovations, including lecture halls, clinics, conference areas, waiting areas, and the student lounge. The relationships Dr. and Mrs. Williams developed with our alumni helped bring in the almost \$9 million necessary to make the James J. Fritts, DDS Clinical Care Center a reality for generations of IU Dentistry students to learn and grow as professionals.

Dr. and Mrs. Williams walk their talk as philanthropists. The child of a minister and a social worker, Dr. Williams says charitable giving is in his DNA. In their nine years at Indiana University, Dr. and Mrs. Williams have donated more than \$100,000 in direct gifts and established a planned gift to the dental school. Their strong example of giving has merited their membership in Indiana University's President's Circle and inspired many others to follow. IUUI bestowed upon them the Spirit of Philanthropy Award in 2019.

Dean Williams is a dean's dean. Through his leadership in the Commission on Dental Accreditation, Dean Williams counsels other dental school deans nationally and internationally on meeting or surpassing the highest standards in dental education. He mentors several junior dental school deans, who rely on him for his counsel and advice.

Perhaps the strongest characteristic of the dean's leadership is fostering an environment of civility and professionalism. Known for their inclusive communications style, Dr. and Mrs. Williams converse with anyone, anywhere, and are open to listening to criticism as well as praise. Dean Williams has led more than 100 lunchtime Town Halls for faculty, staff, and students to share concerns and ask questions. He publishes a monthly issue of the Dean's *First Friday* newsletter with an e-mail list of more than 1,200 colleagues in dental education.

Thank you, Dr. and Mrs. Williams, for your compassionate, innovative, and generous leadership. Generations of oral health care professionals will be the beneficiaries of your contributions.



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