

ALUMNI

2021 VOL 31 | NO 1



NEW HORIZONS

FOR ORAL AND MAXILLOFACIAL
SURGERY AND HOSPITAL DENTISTRY



A new role for Dr. Vanchit John – IUSD's new interim senior associate dean for Diversity and Student Affairs



Hooray! After patiently waiting, D3s don their white coats at IUSD's first in-person milestone celebration since the COVID-19 pandemic began.



A new day for Oral and Maxillofacial Surgery and Hospital Dentistry at IUSD

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Features

NEW HORIZONS FOR ORAL AND MAXILLOFACIAL SURGERY AND HOSPITAL DENTISTRY IUSD's Department of Oral and Maxillofacial Surgery and Hospital Dentistry has undergone a renaissance with new multi-talented faculty and leadership, innovative procedures, and updated facilities in the dental school. | pg 20

SCIENCE GIANTS IUSD cultivates oral health scientists in one of the oldest and most successful PhD programs in a dental school. Read about the giants who came through this program and continue to push the boundaries of science and education in dentistry. | pg 24

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Cover photo by Marc Lebryk Photography

from the DEAN

Dr. Carol Anne Murdoch-Kinch



Dear Alumni and Friends,

Since we last gathered in person, our world has changed in ways we never could imagine.

If any time has shown us the importance of scientific discovery and evidence-based practice, it has been the COVID-19 pandemic. Even before the CDC released guidelines for safe provision of care in dental settings, IUSD's infection control experts and faculty created safe practice protocols so that we could treat patients in the Emergency Clinic and hospitals. Dentistry is a leader in infection control in the health professions because of our commitment to science. In fact, many discoveries that have advanced the frontiers of oral health have been made by IUSD's PhD graduates featured in this issue. Science informs practice and changes lives.

Also in this issue, I am pleased to feature the renaissance of Oral and Maxillofacial Surgery and Hospital Dentistry at IUSD. We have recruited world-renowned new faculty with expertise in pediatric cleft palate and craniofacial surgery, orofacial pain, TMJ reconstruction, and telemedicine to join IUSD colleagues who are expert in digital workflows and implantology. Our hospital dentists continue to provide expert care for people with special health care needs that is not available elsewhere in the state. These faculty are sharing their knowledge and expanding their impact on the community through training and mentoring of future surgeons and dentists, as well as serving as a resource to our professional colleagues in medicine and dentistry.

Even with the challenges of the past two years, we have launched our new Strategic Plan 2020-2025. This comprehensive plan encompasses the domains of People, Education, Patient Care, Research, Community and Global Engagement, and Organization. Our priorities include 1. enhancements to our clinical education model, built upon the principles of entrustment and authentic workplace training, to ensure clinical excellence and readiness for practice, 2. several capital improvement projects to modernize spaces that support our mission, 3. initiatives to diversify and create a more humanistic learning environment for all people, and 4. creation of structures and data-driven processes that inform our decisions and improve our efficiencies. These priorities will position IUSD for success for the next 50 years, amidst a rapidly changing and evolving world.

COVID-19 once again required that our graduation ceremonies were held virtually. However, despite the three-month shutdown in our clinics, our students, faculty, and staff rose to the challenge and all our students and residents graduated on time and passed their board exams. This is a phenomenal accomplishment that was the result of tireless dedication and ingenuity, expanded clinic hours, and an "all hands on deck" approach to ensure our graduates had the patient experiences they needed to be competent and ready for practice. Our research mission also flourished during this time; we currently have the highest amount of federally funded projects in the past 10 years and increased productivity across the entire research portfolio.

Indeed, the dental school community has a renewed sense of purpose, gratitude, and resolve. We are stronger than ever, we have sustained our mission, and we are inspired by our optimism for the future. Alumni and friends, this is all possible because of your generous support. Especially over these past two years, the resources you have provided enabled us to successfully navigate the COVID-19 pandemic, treat our existing patients and many others in the community who had nowhere else to go, support our students with scholarships and emergency funds, and make necessary enhancements to our facilities.

As we shape the next generation of superb oral health professionals to advance the oral and systemic health of the communities we serve, we will continue to discover and disseminate new knowledge and technologies, eradicate oral disease, and advance oral health as integral to overall health and wellness.

I invite you to continue this exciting journey of innovation and achievement with us. I am immensely grateful for your generous and ongoing support of our School!

We are #IUSD Proud!

A handwritten signature in black ink that reads "Carol Anne Murdoch-Kinch".

Carol Anne Murdoch-Kinch,
DDS, PhD, FDS RCDS(Ed)

Dean, Indiana University School of Dentistry

NEWS BRIEFS

WOMEN'S LEADERSHIP AWARDS FOR IUSD FACULTY AND STUDENTS

During IUPUI's celebration of Women's History Month, **Dr. Priya Thomas**, vice chair and director of pre-doctoral clinics, Biomedical Sciences and Comprehensive Care, and **Dr. Rebecca Shembarger** (DDS'21) received the IUPUI Valiant Women of the Vote awards in the veteran faculty and graduate student categories. **Caroline Henderzahs**, D4, received the IUPUI Valiant Women of the Vote award in the graduate student category. Each woman was honored for their strengths in academics, leadership, character, advocacy, and commitment to community engagement, diversity, equity, and inclusion.



Dr. Priya Thomas



Dr. Rebecca Shembarger



Caroline Henderzahs

RESEARCH DAY 2021



The 29th annual IUSD Research Day was held online on April 12, 2021. Despite the many challenges the pandemic has imposed on our research environment, IUSD's faculty, staff, and students continue to make significant progress in their research projects. More than 70 students and graduate researchers presented their research and posters to judges online.



Research and scholarship enhance the education of our students by exposing them to the thrill of discovery of new knowledge and providing opportunities for them to disseminate this knowledge through presentations and publications.

— Dean Murdoch-Kinch



MARCH MADNESS DENTAL PROVIDER

IUSD was named official dental provider for the NCAA March Madness Tournament, serving the basketball players, coaches, and support staff on 68 teams. The tournament was held March 18-25, 2021.

"If they had dental problems, we took care of them."

— Clinical Dean Dr. Harvey Weingarten (DDS'79)



IUPUI REGATTA

Once again, teams from Indiana University School of Dentistry have recorded a performance for the ages in the annual IUPUI Regatta, held September 25, 2021.

After last year's pandemic kept IUSD off the winner's podium for the first time in a decade, our teams made up for lost time with one first place, three second places, and one third place!

IUSD'S ELITE 50

Five IUSD students were among the university's Elite 50 graduate and professional students: **Youstina Beshay** (D4), **Molly Sanders** (DDS'19, Peds'21), **Rebecca Shembarger** (DDS'21), **Brett Turek** (DDS'21), and **Sydney Twiggs** (DDS'21). The university honored them for demonstrating excellence beyond the classroom in campus leadership, scholarly work, and community engagement. Four of the five students conducted research at IUSD.



**Youstina
Beshay**

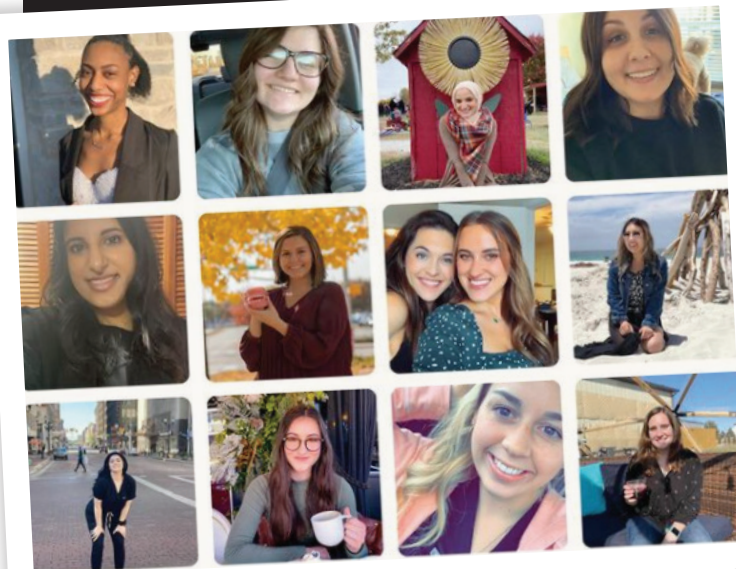
**Molly
Sanders**

**Rebecca
Shembarger**

**Brett
Turek**

**Sydney
Twiggs**

Elite 50



IUSD IS AAWD CHAPTER OF THE YEAR

The American Association of Women Dentists (AAWD) recognized IUSD as Chapter of the Year for excellence and achievements in innovations and programming, including celebrating women dentists during International Women's Day and spotlighting members on the chapter's Instagram page. "The chapter's goal is to be the leading resource for advancing, connecting, and enriching the lives of women in dentistry and offering opportunities for personal growth through networking," said chapter President Anastasia Zagordo, D4.



DRASHTY MODY ACCEPTED INTO PRESTIGIOUS NIH MEDICAL RESEARCH SCHOLARS PROGRAM

In a first, the National Institutes of Health (NIH) accepted an IUSD student into its Medical Research Scholars Program (MRSP). **Drashty Mody** (D3) is spending the 2021-2022 academic year at NIH in a comprehensive, residential research enrichment program for medical, dental, and veterinary students. Located at the NIH Intramural Research Program in Bethesda, Md., MRSP scholars engage in a mentored research project in an area that matches their interests and career and research goals. Mody's project focuses on clinical assessment of patient-reported dry mouth data after hematopoietic stem cell transplant and in chronic graft-versus host disease.

NEWS BRIEFS



DR. VANCHIT JOHN MOVES INTO NEW SENIOR LEADERSHIP ROLE

Dr. Vanchit John (Perio'95, DDS'98) has been appointed interim senior associate dean for Diversity and Student Affairs. This new position will

oversee IUSD's important work in diversity, equity, and inclusion, as well as student services, including admissions, educational support, financial aid, mentorship, and wellness. Dr. John is a leader in IUSD's ongoing commitment to provide a humanistic, inclusive, and interprofessional learning environment for all students.

Dr. John has served as chair of IUSD's Department of Periodontology (formerly Periodontics and Allied Dental Programs) since 2008. He will be stepping down from that role at the end of June 2022.

100% of IUFW dental assisting students pass DANB ICE exam



All IU Fort Wayne dental assisting students who sat for the Dental Assisting National Board, Inc. Infection Control Examination (ICE) passed on the first attempt.



SOCIAL WORKER JOINS IUSD CLINICS

Shelby Funk, a licensed clinical health care social worker, has joined IUSD to provide psychosocial and socio-emotional support services, referrals, and resources for vulnerable patient populations. She also supervises

health care social work students in IUSD's clinics and is developing an oral health outreach program for people living with HIV/AIDS in Indiana.



Pediatric Dentistry expansion and remodel

The Riley Hospital for Children Dental Center has undergone an extensive remodel. **Drs. Brian Sanders** (department chair) and **LaQuia Vinson** (director) are pictured in the new 1,600-square-foot addition. Dental chairs increased from 12 to 17, and staff and resident rooms were remodeled. The Riley Dental Center is one of the highest volume clinics of Riley Hospital Outpatient Center. With 17 dentists and 14 residents on staff, the clinic cares for as many as 130 patients a day.

Photos by Mike Dickbernd



IUSD IS PROUD TO SHARE ITS 2021 GRADUATES

These 187 graduates have demonstrated academic and clinical excellence and are ready to serve the oral health needs in Indiana and across the globe.

For the second year, COVID-19 precautions required IUSD's commencement ceremony to be held virtually, broadcasting each graduate on Zoom, Facebook Live, and YouTube online platforms on May 14, 2021.

Numerous clinic faculty members shared the keynote address, including Drs. Dan Bennett, James Oldham, Neil Pinney, Daniel Shin, Amul Singh, Michael Sovanich, Jeffrey Steele, and Tim Treat. The DDS Class of 2021 chose Drs. Brooke Adams, Vanchit John, Michael Sovanich, and Jeffrey Steele as their hooders. This rite of passage was pre-recorded for the multi-media graduation presentation.



Drs. Larry (DDS'92) and Sydney Caskey



Top: DDS Class of 2021 President Brett Turek Bottom: Dr. Steve (DDS'81, Endo'84) Patterson hooded his son Sam



Sweety Patel with her mentor, Dr. Katherine Patton (DDS'85)

"Our students have prevailed during one of the most challenging years our country has ever faced. They have demonstrated resilience, flexibility, and determination – qualities that will serve them as they launch their oral health careers. We were proud of our students before the pandemic; we are even more proud of all they have achieved over the past year, while navigating enhanced infection control and a completely transformed clinical curriculum. **We are #IUSDStrong.**"

— DEAN CAROL ANNE MURDOCH-KINCH

INDIANA UNIVERSITY

CERTIFICATES IN DENTAL ASSISTING - IUFW »



Kate E. Bennett
Fort Wayne, Indiana



Macy A. Collier
Continental, Ohio



Mallory T. Downey
Fort Wayne, Indiana



Jennifer N. Howard-Reitz
Fort Wayne, Indiana



Shaylyn J. Richardson
Kendallville, Indiana



Kayla R. Riecken
Fort Wayne, Indiana

Not pictured:

Rebecca P. Boehme
Rochester, Indiana

Madison R. Howard
Warsaw, Indiana

CERTIFICATES IN DENTAL ASSISTING - IUPUI »



Natalia Arreaza
Caracas, Venezuela



Laura E. Brust
Fort Wayne, Indiana



Elizabeth A. Clemans
Monticello, Indiana



Alexandra M. DeValeria
Indianapolis, Indiana



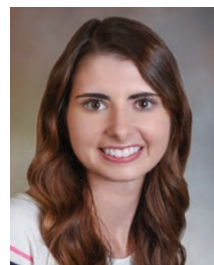
Taylor R. Hickman
Bloomington, Indiana



Lindsay A. LaSarre
Greenwood, Indiana



Cara L. Mercado
Sullivan, Indiana



Amanda S. Ross
Shelbyville, Indiana



Morgann L. Schultz
Lafayette, Indiana



Amelia E. Swain
Columbia City, Indiana

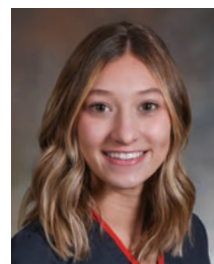


Grace Z. Zering
Indianapolis, Indiana

BACHELOR OF SCIENCE IN DENTAL HYGIENE - IUFW »



Allie G. Asbury
Fort Wayne, Indiana



Madiyn M. Baumann
Decatur, Indiana



Rebekah K. Brumfield
Madison, Indiana



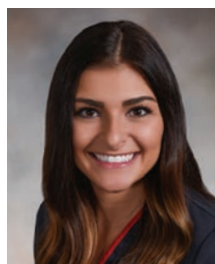
Cynthia Carrillo
Fort Wayne, Indiana



Kelsey P. DeWitt
Logansport, Indiana



Jessica N. Gay
Fort Wayne, Indiana



Katie A. Gephart
Fort Wayne, Indiana



Briley L. Hogle
Fort Wayne, Indiana



Claudia E. Huevo
Fort Wayne, Indiana

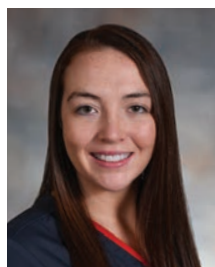
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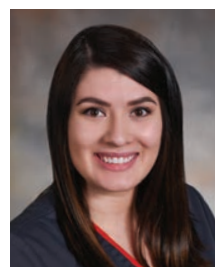
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Millersburg, Indiana



Madison T. Newman
Schuylerville, New York



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Courtney R. Pulver
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Kim A. Rezutko
Elkhart, Indiana



Sara E. Rhodes
Indianapolis, Indiana



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St. Joe, Indiana



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McKaelin R. Strait
Hartford City, Indiana



Alexis S. Thompson
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Evansville, Indiana



Aubrielle E. Benbow
Indianapolis, Indiana



Marissa E. Boyer
West Lafayette, Indiana



Paige E. Clemons
Greensburg, Indiana



Da'Kiel M. Cooper
Elkhart, Indiana



Haley S. Dean
Sullivan, Indiana



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Jackson, Tennessee
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Megan R. Elliott
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Amber E. Foster
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Cynthia K. Hurst
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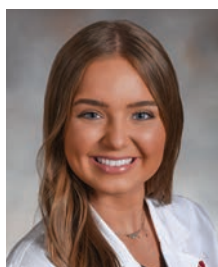
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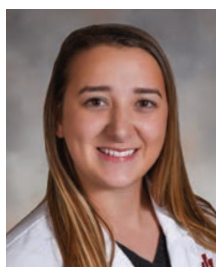
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Carlee E. Ennen
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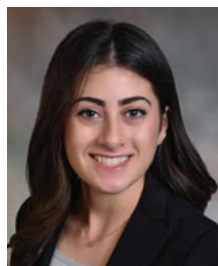
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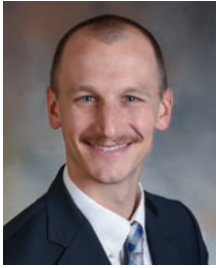


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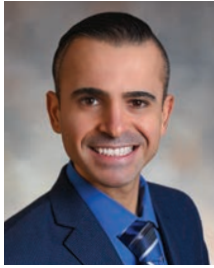


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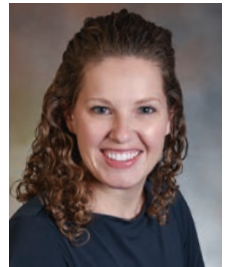
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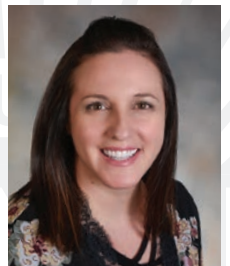
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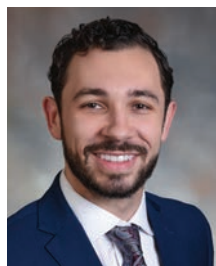
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Alexander R. Ordonez
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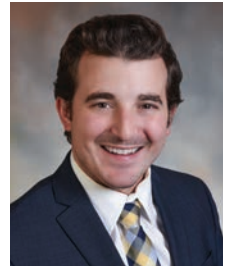
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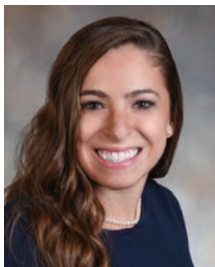
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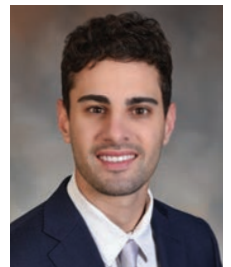
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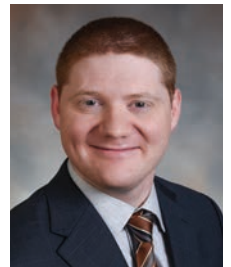
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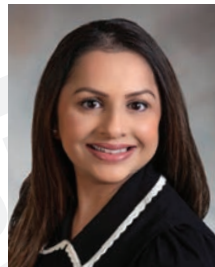
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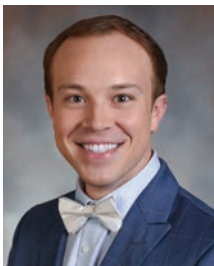
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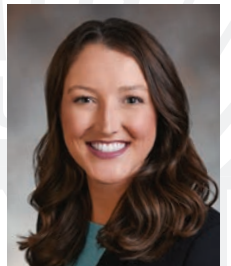
Sydney M. Twiggs
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Purvi Vadaliya
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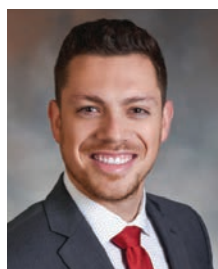
David R. Van Winkle
Fishers, Indiana



Sydney M. VanArsdel
Bloomington, Indiana

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DOCTOR OF DENTAL SURGERY DEGREES (CONTINUED)



Raziel Velgis
El Paso, Texas



Luke J. Vernon
Logansport, Indiana



James L. Volovic
Carmel, Indiana



S. Rayanne Walker
Salt Lake City, Utah



Oliver Y. Wang
Carmel, Indiana



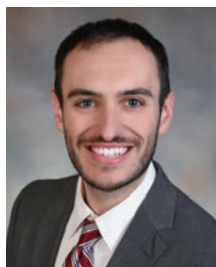
Mitchell E. Westberg
Albany, Oregon



Brynn L. Whalen
Indianapolis, Indiana



Tyler J. Wheeler
Fishers, Indiana



Jonathan R. Will
Evansville, Indiana



Amanda A. Yacoub
Terre Haute, Indiana



Clay W. Yoder
Kingwood, Texas



Emily C. Young
Charlestown, Indiana



Grant A. Zakhar
Chesterton, Indiana

DOCTOR OF DENTAL SURGERY DEGREES

INTERNATIONAL DENTIST PROGRAM

The Indiana University International Dentist Program integrates dentists trained outside the United States into the second semester of the second year of the DDS program in order to prepare for licensure in the United States. The International Dentist Program Class of 2021 graduates are:

Dr. Layth A. Abbood
Dr. Vedanshi Amin
Dr. Ami S. Barot
Dr. Zahir S. Billy
Dr. Charu Clifford
Dr. Geetha P. Hanchate

Dr. Kaveh Kandi
Dr. Ajay Mehta
Dr. Tram Anh Nguyen
Dr. Sweetie S. Patel
Dr. Zainab A. Rawi
Dr. Golnesa Rouie Miab

Dr. Shilpa Singh
Dr. Lora E. Soliman
Dr. Shweta Thambad
Dr. Purvi Vadaliya

MASTER OF SCIENCE DEGREES



Alice-Anne T. Alcorn
McKinney, Texas
Cariology Operative Dentistry
LCDR, US Navy



Amal S. Alfara
Qatuf, Saudi Arabia
Prosthodontics



Daniel J. Allen
Indianapolis, Indiana
Pediatric Dentistry



Norah I. Almajed
Riyadh, Saudi Arabia
Cariology Operative Dentistry



Lamya A. Almejrad
Riyadh, Saudi Arabia
Prosthodontics



Abdullelah Almudahi
Riyadh, Saudi Arabia
Cariology Operative Dentistry



Talal Alrasheed
Riyadh, Saudi Arabia
Cariology Operative Dentistry



H. Benjamin Anderson
Zionsville, Indiana
Prosthodontics



Chandni Batra
New Delhi, India
Periodontology



Carly R. Boudreaux
Youngsville, Louisiana
Pediatric Dentistry



Kara M. Brothers
Pittsboro, Indiana
Endodontics

SCHOOL OF DENTISTRY



Jordan D. Crowe
Indianapolis, Indiana
Pediatric Dentistry



Niloufar Daneshparvar
Tehran, Iran
Periodontology



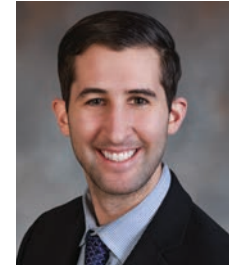
Takahiro Fujii
Shimonoseki, Japan
Periodontology



Thuraya S. Gadah
Aseer, Saudi Arabia
Prosthodontics



Brian J. Hoagburg
Fort Wayne, Indiana
Orthodontics



Robert V. Holland
Glenview, Illinois
Orthodontics



Clayton S. Jackson
Mount Vernon, Illinois
Pediatric Dentistry



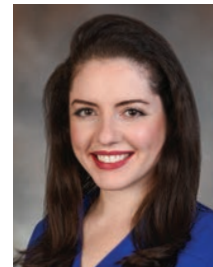
Upasna Janu
New Delhi, India
Periodontology



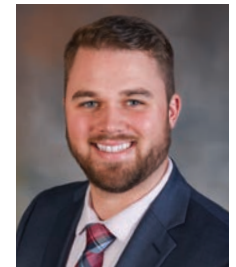
Witcha Kiettipirodom
Bangkok, Thailand
Prosthodontics



Emily B. Koufos
Munster, Indiana
Orthodontics



Elana Y. Laks
Miami, Florida
Prosthodontics



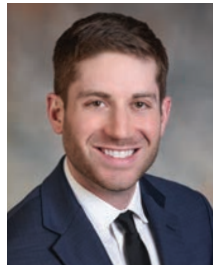
Hunter J. Lee
Mechanicsville, Virginia
Orthodontics



Jacob D. Long
Bay City, Michigan
Endodontics



Patrick W. McIntyre
Munster, Indiana
Endodontics



Noah H. Menaker
Charlotte, North Carolina
Pediatric Dentistry



Ariel D. Mitchell
Indianapolis, Indiana
Orthodontics



Kasey M. Ryan
Indianapolis, Indiana
Pediatric Dentistry



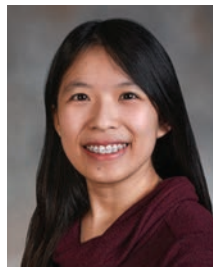
Molly K. Sanders
Westfield, Indiana
Pediatric Dentistry



Sable B. Staller
Russiaville, Indiana
Orthodontics



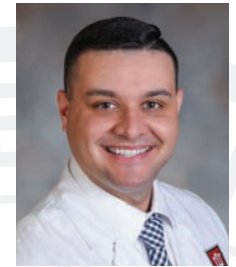
Yoshiatsu Tanaka
Otofuke, Japan
Prosthodontics



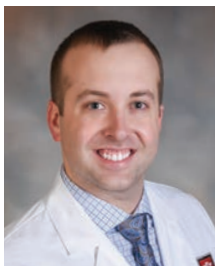
Sireen Yang
Fishers, Indiana
Orthodontics



Tylor L. Gauger
Kokomo, Indiana
Oral and Maxillofacial Surgery



Gilbert T. Guajardo
Oak Forest, Illinois
Oral and Maxillofacial Surgery



Nicholas R. Wegner
Fort Mill, South Carolina
Oral and Maxillofacial Surgery



IUPUI

SCHOOL OF DENTISTRY

INDIANA UNIVERSITY
Indianapolis

INDIANA UNIVERSITY

2021 GRADUATION HONORS AND AWARDS

DENTAL ASSISTING - IUFW

Kate E. Bennett

- Academic Achievement Certificate
- Clinical Excellence Award
- Dr. Phillip E. O'Shaughnessy Dental Auxiliary Scholarship
- Dr. Timothy J. Shambaugh, DDS Family Dental Scholarship
- Indiana Dental Assistants Association Financial Aid Award
- Outstanding Overall Academic Achievement
- Professional Attitude Award

Rebecca P. Boehme

- Academic Achievement Certificate

Macy A. Collier

- Academic Achievement Certificate
- Dr. Phillip E. O'Shaughnessy Dental Auxiliary Scholarship
- Floyd R. Neff Scholarship for Dental Education Students
- Outstanding Dental Materials Award
- Outstanding Radiology Award

Mallory T. Downey

- Academic Achievement Certificate

DENTAL ASSISTING - IUPUI

Alexandra M. DeValeria

- Delta Dental Foundation Award – Dental Assisting
- Dental Assisting Academic Achievement Award

Taylor R. Hickman

- Hu-Friedy Expanded Functions – Golden Carver Award

Lindsay A. LaSarre

- Dental Assisting Academic Achievement Award

Cara L. Mercado

- Delta Dental Foundation Award – Dental Assisting

Amanda S. Ross

- Delta Dental Foundation Award – Dental Assisting

Amelia E. Swain

- Dental Assisting Radiology Excellence Award
- Indiana University Dental Alumni Award – Dental Assisting
- Procter & Gamble Best Clinician – Dental Assisting Award

Grace Z. Zering

- Dental Assisting Clinical Achievement Award

DENTAL HYGIENE - IUFW

Cynthia Carrillo

- Colgate S.T.A.R. Award

Kelsey P. DeWitt

- Dr. Philip E. O'Shaughnessy Dental Auxiliary Scholarship

Briley L. Hogle

- Patricia Cook Hayduk Dental Hygiene Scholarship

Claudia E. Huevo

- Dr. Philip E. O'Shaughnessy Dental Auxiliary Scholarship
- Floyd R. Neff Scholarship for Dental Education Students
- Indiana Dental Hygienists' Association A. Rebekah Fisk Award

Brooke K. Ludwig

- Patricia Cook Hayduk Dental Hygiene Scholarship

Lynsey M. Miller

- Gloria H. Huxoll Award
- Sharon Curbox Dental Hygiene Professionalism Award

Alexis D. Peña

- Hu-Friedy Golden Scaler Award

Faith S. Schlie

- Oral Pathology Award

DENTAL HYGIENE - IUPUI

Leah R. Adams

- Highest Academic Distinction

Marissa E. Boyer

- Honors

Paige E. Clemons

- Honors
- Tillman E. Miller Clinical Achievement Award - 1st Place

Megan R. Elliott

- High Academic Distinction
- Hu-Friedy Golden Scaler Award

Cynthia K. Hurst

- Colgate S.T.A.R. Award
- Indiana Dental Hygienists' Association A. Rebekah Fisk Award
- Indiana University School of Dentistry Alumni Association Harriett F. Hine Award
- Johnson Public Health Dental Hygiene Scholarship Award

Anna G. Lindsey

- Academic Distinction

Emma C. Pedigo

- Tillman E. Miller Clinical Achievement Award - 2nd Place

Selena Santos

- American Association of Public Health Dentistry Award for Dental Hygiene

DENTAL TECHNOLOGY - IUFW

Emily A. Campbell

- Best Individual Improvement in Laboratory Performance

Tanaya R. Causey

- Charles A. Champion Award for Excellence in Laboratory Skills

April J. Frauhiger

- Charles A. Champion Award for Excellence in Laboratory Skills
- Herbert Reiningger Award for Professionalism and Dedication in Dental Laboratory Technology

DOCTOR OF DENTAL SURGERY

Layth A. Abbood

- American Academy of Oral and Maxillofacial Pathology Dental Student Award

Alyssa C. Arban

- Quintessence Award in Periodontics

Rohan Bansal

- Academy of General Dentistry Senior Student Award

Ami S. Barot

- Academic Distinction
- Theta Theta Chapter, Omicron Kappa Upsilon

Tara E. Bawel

- American Academy of Implant Dentistry Award

Adam J. Beswick

- High Academic Distinction
- Theta Theta Chapter, Omicron Kappa Upsilon

Zahir S. Billy

- Dr. Tillman E. Miller Clinical Achievement Award in Dentistry

Kevin J. Bowser

- American Dental Society of Anesthesiology Horace Wells Senior Student Award
- Dr. Charles L. Nelson Oral and Maxillofacial Surgery Scholarship
- Quintessence Award in Restorative Dentistry
- Theta Theta Chapter, Omicron Kappa Upsilon

Sydney R. Caskey

- International College of Dentists Student Humanitarian Award
- International Congress of Oral Implantologists Pre-Doctoral Student Achievement Award

Charu Clifford

- Whip Mix Hanau Best of the Best Prosthodontics Award

Cody W. Craig

- Academic Distinction
- Theta Theta Chapter, Omicron Kappa Upsilon

Brianne N. Freeman

- James L. Maus Memorial Scholarship Award

Renaye Hamilton

- Academic Distinction
- Theta Theta Chapter, Omicron Kappa Upsilon

Elliot V. Humiston

- Academy of Operative Dentistry Award

Amber M. Jaress

- Delta Dental Foundation Community Commitment Award
- Dr. Charles E. and Janice B. Kem Award

Christopher P. Johnson

- Highest Academic Distinction
- Johnson Public Health DDS Scholarship Award
- Theta Theta Chapter, Omicron Kappa Upsilon
- Theta Theta Chapter, Omicron Kappa Upsilon - Outstanding Student

Emily K. Landree

- Theta Theta Chapter, Omicron Kappa Upsilon

Monica G. McKary

- Certificate of Merit, American Academy of Pediatric Dentistry Predoctoral Student Award

Dillon R. Moore

- American Association of Public Health Dentistry Award
- Johnson Public Health DDS Scholarship Award

Tram Anh Nguyen

- The International Dentist Program (IDP) Leadership Award

Christopher C. Papademetriou

- American Academy of Oral Medicine Certificate of Merit and Award in Oral Medicine

Sweetie S. Patel

- Academic Distinction
- The Dean's International Dentist Program (IDP) Citation
- Theta Theta Chapter, Omicron Kappa Upsilon

Samuel B. Patterson

- American Association of Endodontists Student Achievement Award in Endodontics
- Theta Theta Chapter, Omicron Kappa Upsilon

Jessica L. Pickell

- The American Prosthodontic Society Student of Merit Award

Erik C. Rose

- Academic Distinction
- American Academy of Periodontology 2021 Dental Student Award
- James E. Humphrey, DDS Memorial Scholarship Award
- Theta Theta Chapter, Omicron Kappa Upsilon

Jaclyn A. Schmitt

- High Academic Distinction
- Indianapolis General Dentistry Study Club Award
- Theta Theta Chapter, Omicron Kappa Upsilon

Stephanie N. Schwartz

- Johnson Public Health DDS Scholarship Award

Rebecca R. Shembarger

- Academic Distinction
- American Academy of Esthetic Dentistry Award
- American Association of Oral and Maxillofacial Surgeons 2021 Dental Student Award
- American Association of Oral and Maxillofacial Surgeons Dental Implant Student Award
- Cyril S. Carr Research Scholarship Award
- Dr. Charles L. Nelson Oral and Maxillofacial Surgery Scholarship
- Glenn J. Pell Award
- Pierre Fauchard Academy Award
- Research Honors Program – Certificate of Achievement
- Theta Theta Chapter, Omicron Kappa Upsilon

Andrew J. Sullivan

- Joseph J. Legan Award

Warren F. Travis

- American Academy of Oral and Maxillofacial Radiology Award
- Delta Dental Fund Student Leadership Award
- Johnson Public Health DDS Scholarship Award

Brett R. Turek

- Academy of Dental Materials Award
- Academy of Osseointegration Outstanding Dental Student in Implant Dentistry Award
- American Student Dental Association Award
- Indiana University School of Dentistry Alumni Association Maynard K. Hine Award

Sydney M. Twiggs

- American Association of Orthodontists Award
- American Association of Women Dentists 2021 Eleanor J. Bushee Senior Student Award
- Cyril S. Carr Research Scholarship Award
- Dean's Award for Research Excellence
- Research Honors Program – Certificate of Achievement

Sydney M. VanArsdel

- 2021 Dentsply Sirona Merit Award in Removable Prosthodontics

Raziel Velgis

- Indiana Society of Periodontists Award

James L. Volovic

- American Equilibration Society Award
- High Academic Distinction
- James E. Humphrey, DDS Memorial Scholarship Award
- Theta Theta Chapter, Omicron Kappa Upsilon

Mitchell E. Westberg

- American College of Prosthodontists Award
- Indiana Society of Pediatric Dentistry Award
- International College of Dentists USA Section Student Leadership Award
- Johnson Public Health DDS Scholarship Award

Jonathan R. Will

- Academic Distinction
- Academy of General Dentistry Senior Student Award
- Theta Theta Chapter, Omicron Kappa Upsilon

Amanda A. Yacoub

- Indiana Dental Association Award

Grant A. Zakhar

- American College of Dentists Outstanding Student Leader Award
- Dr. Tillman E. Miller Clinical Achievement Award in Dentistry
- High Academic Distinction
- John F. Johnston Award
- Quintessence Award in Research
- Theta Theta Chapter, Omicron Kappa Upsilon

2021

WHITE COAT

THEIR PATIENCE WAS REWARDED! After waiting two years, members of the Class of 2023 eagerly accepted their white coats on Aug. 21, 2021. This was IUSD's first in-person celebration since COVID-19 shut down university events, beginning in March 2020.

Dean Murdoch-Kinch served as master of ceremonies, and Dr. Lorraine Celis (DDS '96) delivered the keynote address. Faculty "coaters" chosen by the class included Drs. Odette Aguirre, Sopanis "Minnie" Cho (Operative Dent '01, DDS '03, Prosth '17), Michele Kirkup (DDS '06), and Neetha Santosh. Indiana Dental Association Past President Dr. David Wolf (DDS '87) also helped coat the students.





Congrats



1. James Baryo, Jessica Monnot, Matthew Kodsy, Fatima Popcakova, Hassan Salih, Zena Alsaraf, Maya Awada, Tonya Elkatib, Malak Hachem, and Hana Sharif.
2. Phuong Nguyen and To Uyen Vu
3. Brayden Guth, Parker Groom, Jackson Goethe, Benjamin Cvengros, Quinn Roederer
4. Courtnee Reeves, Kennedy Hale, Sydney Hall

5. Anne Krietenstein, Avery Lane, Professor Michele Kirkup, Alyssa Zhao, and Sydney Smith
6. Class of 2023 officers: Joseph Wells, president; Justina Anigbo, treasurer; Courtney McGrew, vice president; and Parker Groom, secretary
7. Blessing I-Salami, Tiara Wilburn, Karen Lin, Kynneddy Kelly, Loreen Tawadros
8. Carrie Walton, Emily Dawley, Sarah Coghlan, Ciara Agee, Esme Patterson

9. Hassan Mohammad Salih, Hamza Javed, Awais Mufti
10. Members of the Class of 2022 International Dentist Program. Front row, Neetie Dania, Manasi Naqash, Preshita Patel, Dean Murdoch-Kinch, Ramya Tatavarty, Kiren Javed. Second row, Fabiana Fontes Cloux, Shivani Butala, Krishna Shah, Wid Adams, Nishitha Ponnamaneni, Yagna Roopa Kasaraneni. Third row, Khalid Shafie, IDP Program Director Dr. Sapanis "Minnie" Cho, Khaled Al Nasr Allah, Mihir Parikh, Maulik Gandhi.



IUSD's Department of Oral and Maxillofacial Surgery and Hospital Dentistry has undergone a renaissance with talented new faculty who have a diverse portfolio of expertise. Bios on page 22-23.

NEW HORIZONS FOR ORAL AND MAXILLOFACIAL SURGERY AND HOSPITAL DENTISTRY

It's the dawn of a new day for Oral and Maxillofacial Surgery (OMFS) and Hospital Dentistry at IUSD. Integrating decades of surgical expertise with the most recent and innovative technologies, this new team of internationally recognized faculty are driven to provide comprehensive and state-of-the-art patient care and training for residents.

Digital dentistry has inspired many of the new procedures performed by this talented team, including these patient examples:

Patient #1: IUSD's OMFS team consults with a patient who needs resection of part of the mandible and jaw reconstruction due to a bone disease. First, the surgeons digitally correct the jaw bone on a computer using the patient's 3-D computed tomography (CT) images. Then, they deliver a 3-D printed plate for fixation, including a crib to hold the graft. Finally, they place an advanced synthetic bone graft, and the patient is rehabilitated.

Patient #2: Surgeons treat a young girl with a congenital facial malformation by advancing the jaws with a computer-planned facial bones distractor. After the procedure, her breathing, chewing, and facial esthetics show significant improvement.

Patient #3: OMFS surgeons replace the temporomandibular joint with a custom-made, computer-designed prosthetic joint in an adult male who was in pain and had difficulty opening his mouth and chewing.

"These and other innovations are emblematic of the renaissance of IUSD's Oral and Maxillofacial Surgery and Hospital Dentistry Department," said Dean Carol Anne Murdoch-Kinch. "We are thrilled with our new faculty members, who have brought their specializations and expertise to an internationally recognized program."

Indeed, in recent years, the department has experienced its own regeneration. When department Chair Dr. Joseph HeideIman (DDS'80, OMFS'83) retired in 2019, Dr. Polido became interim department chair. Dr. Polido joined the faculty in 2017 as clinical professor, director of the Pre-doctoral Oral and Maxillofacial Surgery, and

co-director of IUSD's Center for Implant, Esthetic and Innovative Dentistry.

Dr. Polido came to IUSD from the Hospital Moinhos de Vento in Porto Alegre, Brazil, where he served as implant dentistry program director. He is highly engaged with the International Team for Implantology (ITI) and the International Association of Oral and Maxillofacial Surgeons (IAOMS).

Indiana University School of Dentistry has attracted new OMFS and hospital dentistry faculty members (see their bios on page 22) who share the vision of Dean Murdoch-Kinch and Dr. Polido to become one of the leading academic centers in OMFS clinical treatment, education, and scholastic pursuits in the United States and internationally.

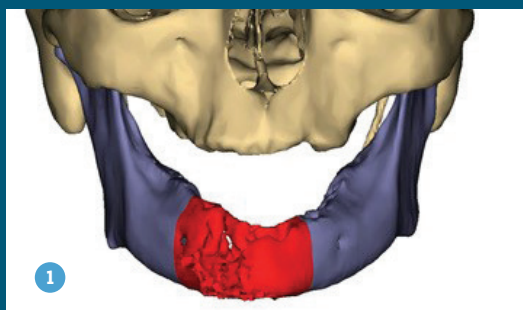
"IU Oral and Maxillofacial Surgery has a long history of excellence," Dr. Polido said. "We have built on that foundation and have recruited a new, diverse team of surgeons, who each bring novel energy, innovative technologies, and expertise, covering the full spectrum of oral and maxillofacial surgery and hospital dentistry."

REMODELED SPACES

One of the first indications of progress has been the renovation of the OMFS and Hospital Dentistry suite. Previously located in Regenstrief Hall at IUPUI, pre-doctoral training has moved back into the dental school on the main floor. In 2019, the office suites and sedation room were renovated, with state-of-the-art equipment, lighting, and furnishings. Contemporary technologies, such as an intraoral scanner and 3D printers, support the training of the OMFS residents. Phase 2 of the renovation is underway, with planned completion in December 2021.

"We have ambitious plans to expand the oral and maxillofacial surgery and hospital dentistry footprint at IUSD for our DDS students and residents," Dr. Polido said. Alumni have supported the renovations, and additional funds are being raised to allow for a complete renovation of a larger space in the near future."

DIGITAL 3D INNOVATIONS



1. Virtual surgical planning of mandibular resection, secondary to MRONJ (exposed bone)
2. Virtual surgical planning of patient-specific plates and a bone graft crib
3. Patient specific-cutting guide, with detail on inferior alveolar cutting guide, for nerve transposition
4. Patient-specific reconstruction plate adapted on 3D model

The OMFS residency continues to attract stellar DDS graduates. Typically, 250 applicants vie for three spots each year. IU also now offers an MD degree option by adding two-and-a-half years of medical training onto the end of the four-year OMFS residency.

LEADING DURING THE PANDEMIC

In the early days of the COVID-19 pandemic, while many dental offices shut down, IU's OMFS faculty and residents continued to treat patients with pain, infection, and trauma, along with IUSD's Emergency Clinic and Endodontics team. In sum, IUSD treated about 2,000 emergency patients at the dental school, Eskenazi Hospital, and IU Health affiliated hospitals (University Hospital, Methodist Hospital and Riley Hospital for Children) from March through July 2020.

Indeed, the OMFS and Hospital Dentistry team is fully integrated into Indianapolis metro hospitals. Dr. Polido is OMFS chief for IU Health Hospitals and Eskenazi Hospital. Dr. Bruce Horswell is the OMFS chief at Riley Hospital for Children and the OMFS trauma liaison for Methodist Hospital.

"We collaborate closely on procedures with surgeons and other specialists at the hospitals," Dr. Polido said. "Once we raise the funds to fully renovate and possibly expand the OMFS suite on the first floor of the dental school, many of our procedures will be performed here, while we continue to maintain a strong presence in all the partner hospitals."

"We are most grateful to Dean Murdoch-Kinch and our alumni and friends, who have been very supportive."

INNOVATIVE PROCEDURES

Horizons also have expanded with complex, innovative, and interdisciplinary OMFS procedures.

Along with the increasing number of "jaw-in-a-day" surgeries, IUSD has become the only U.S. academic center to join the ZAGA Centers™ network, which specializes in zygomatic implants, an alternative to bone grafting for the rehabilitation of the edentulous atrophic maxilla. Dr. Carlos Aparicio, an expert in this procedure who worked with Dr. Polido in Brazil and Spain, is a visiting research scholar at IUSD.

Dr. Polido said IUSD can treat more complex implant cases successfully because of our faculty experience; our close collaboration with Drs. Dean Morton and Wei-Shao Lin in IUSD's Prosthodontics Department and the Center for Implant, Esthetic, and Innovative Dentistry; and our expertise in digital technology.

Other novel OMFS advancements:

- Digital workflow, which includes full-face CBCT, surgical planning with 3-D photography and 3-D printing, and an intraoral scanner. "This design process tells us exactly where we need to cut and where we need to place screws," Dr. Polido said. "It is state-of-the-art planning and execution of procedures to treat facial deformities."
- Virtual Surgical Planning (VSP), used frequently in diagnosis and treatment planning in conjunction with the Department of Orthodontics and Facial Genetics, led by Dr. Kelton Stewart. This technology also may be used to plan and treat facial trauma and reconstruction for pediatric deformities, such as placement of special devices that promote controlled bone elongation (distraction osteogenesis), a procedure performed frequently by Dr. Bruce Horswell, OMFS program director and an internationally recognized pediatric maxillofacial surgeon.
- Total joint replacement procedures, performed by Dr. Shaun Matthews, who is an international expert



Oral and Maxillofacial Surgery residents. Front row, Brian Ryu, Robin Pannu, Emma Meyer (DDS'18), Alex Okula, Rachel Reid, Anthony Chen, Mehul Patel. Back row, Charles Abraham, Jonathon Fergus, Syrus Haghighi, Abe Khaleghi, Lucas Van Ermen, Mark McDonough (DDS'19).

on the surgical treatment of temporomandibular joint problems, including TJR (total joint replacement) procedures. All planning employs digital technology, making this highly complex surgery more predictable. Dr. Matthews is one of the few surgeons in the state with expertise in this procedure and is leading the implementation of an interdisciplinary center for treating TMJ disorders at IUSD.

"We are building a new team that is bringing pioneering technologies and procedures, we're actively improving the clinical space, and we are deeply integrated within Indianapolis hospitals," Dr. Polido said. "We are supported by a great group of residents, staff, school administration, and alumni. It's a most exciting time for us at IU Oral and Maxillofacial Surgery and Hospital Dentistry. The future looks bright."

IUSD Oral and Maxillofacial Surgery Full-time Faculty



Bruce Horswell, DDS, MD, MS, FACS

Dr. Horswell joined IUSD in early 2020 as visiting professor and director of the residency program. He has brought a lifetime of experience in pediatric oral and maxillofacial surgery, including cleft palate, dentofacial deformities, and dog bites. He completed his DDS and general practice and OMFS residencies at the

University of Minnesota School of Dentistry, followed by medical training and surgical residency at the University of Connecticut. He completed fellowships in craniofacial surgery and research at the Royal Children's Hospital in Melbourne, Australia, and in cranio-maxillofacial surgery at Walton Hospital in Liverpool, UK.



Christopher Howard, DDS

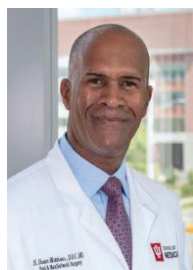
Dr. Howard joined IUSD in 2020, recently transitioning from private practice. He specializes in immediate implant and third molar surgeries, in-office light and general anesthesia, and pathology. Dr. Howard received his dental training at the University of Illinois College of Dentistry in Chicago and completed his oral maxillofacial surgical residency at Howard University in Washington, D.C. He worked in private practice in Chicago from 1996 to 2007 and in Indianapolis from 2007 to 2020.



Kyle Kramer, DDS

Dr. Kramer earned his DDS at IUSD in 2006, followed by a residency in dental anesthesiology at Ohio State University. He returned to IUSD to teach and practice and is associate clinical professor. In addition to working directly with oral and maxillofacial residents, Dr. Kramer is director of multiple pre-doctoral courses.

He is a board-certified diplomate of the American Dental Board of Anesthesiology, has maintained an active part-time private practice providing mobile dental anesthesia services, and is the editor-in-chief of *Anesthesia Progress*.



N. Shaun Matthews, BDS, FDS, MBBS, FRCS (OMFS)

Dr. Matthews specializes in the surgical management of the temporomandibular joint (TMJ/jaw joint), pathology, orthognathic surgery, and the correction of maxillofacial trauma. He received his dental, medical, and oral maxillofacial surgical training at the Royal College

of Surgeons in Dundee and Edinburgh, Scotland. He has worked in academic institutions on both sides of the Atlantic, including Charing Cross Hospital and King's College Hospital in London and the University of North Carolina Adams School of Dentistry in Chapel Hill. He joined IUSD in 2020 as clinical professor. His other interests include joint issues related to juvenile rheumatoid arthritis as well as telemedicine and teledentistry.



Waldemar Polido, DDS, MS, PhD

Dr. Polido is professor and interim chair of Oral and Maxillofacial Surgery and Hospital Dentistry. Additionally he serves as OMFS pre-doctoral program director and as co-director of IUSD's Center for Implant, Esthetic, and Innovative Dentistry. Dr. Polido received his DDS as well as master's and doctoral degrees

in oral and maxillofacial surgery from PUCRS School of

Dentistry in his hometown of Porto Alegre, Brazil. He completed his oral and maxillofacial surgical residency at the University of Texas Southwestern Medical Center at Dallas/Parkland Hospital. Dr. Polido is a fellow of the International Team for Implantology (ITI) and the International Association of Oral and Maxillofacial Surgery and is a member of the AAOMS and the AO-CMF. He is a fellow of and board certified by the International Board for Certification of Specialists in OMFS. Dr. Polido publishes and speaks frequently on implant surgeries, orthognathic surgery, reconstruction, and digital technologies and is a reviewer for several OMFS and implantology journals.

Part-time Faculty

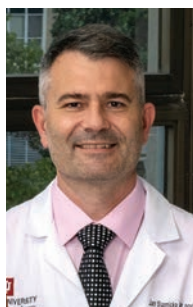
Part-time faculty support residency clinical activities, including trauma calls and OR procedures.



Desmon Brown, DDS

Dr. Brown received his DDS degree with honors from Howard University College of Dentistry in Washington, D.C., and completed his oral and maxillofacial surgery residency at the University of Florida College of Medicine in Jacksonville. He is diplomate of the American Board of Oral and Maxillofacial

Surgeons and covers level one facial trauma for Methodist Hospital, Eskenazi Health, Riley Hospital for Children, and St. Vincent Hospitals. His expertise includes total full mouth rehabilitation with dental implants, including severely atrophic maxilla with zygomatic implants.



Jan Slapnicka, MD, DDS (OMFS'12)

Dr. Slapnicka is an IU-OMFS resident program alumnus. He received his DDS and MD in the Czech Republic, and an additional DDS at UCLA. Dr. Slapnicka teaches residents staffing University Hospital clinic and on call. His interests are maxillofacial trauma and reconstruction, as well as dental implants.

Volunteer faculty

IUSD is most grateful for the volunteer oral and maxillofacial surgeons who teach pre-doctoral students in the Oral and Maxillofacial Surgery Clinic.

Jay Asdell (DDS'83)

Carlo Lo (DDS'93, OMFS'97)

David Howell (DDS'81)

Michael Iczkovitz

HOSPITAL DENTISTRY EXPANDS FOR MEDICALLY COMPLEX PATIENTS

The department's division of hospital dentistry has expanded its focus into more extensive dental care for medically complex patients, while maintaining a robust service for adults with intellectual and developmental disabilities. Dr. Pamela Linder is division chief and was joined this year by a second full-time hospital dentist, Dr. Andrew Bartels, a 2019 DDS graduate.

"We are providing traditional and advanced dentistry for Indiana's most vulnerable adult populations, as well as time-sensitive dental treatment for those requiring dental optimization prior to life-altering medical procedures and treatments," Dr. Linder said. "Our providers champion dentistry's place in the hospital landscape, especially for our adults with special needs.."

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Pamela Linder, DMD

Dr. Linder is clinical assistant professor and director of hospital dentistry and special needs dentistry. She develops patient management protocols and provides comprehensive expert care for medically complex patients, while

administering dental student and VA post-graduate student hospital dentistry rotations. A graduate of Tufts University School of Dental Medicine, Dr. Linder completed a general practice residency at Harvard's Brigham & Women's Hospital, Massachusetts General Hospital, and Dana-Farber Cancer Institute in Boston.



Andrew Bartels, DDS

Dr. Bartels is a 2019 DDS graduate of IUSD and completed a general practice residency at Richard L. Roudebush VA Medical Center in Indianapolis. He followed his passion for public health dentistry by earning a graduate certificate

in public health while in dental school and is pursuing a master's degree in public health at the Fairbanks School of Public Health. As a dental student, he led Student Outreach Clinic operations. He also cared for underserved communities on a Native American Reservation in South Dakota and in Kenya as part of IUSD's Global Service Learning program.

Science Giants

IUSD'S PHD GRADUATES ADVANCE THE FRONTIERS OF ORAL HEALTH

Most people know that IUSD prepares superb dentists, specialists, and allied health professionals to care for the oral health needs of patients.

What many people do not know is that we also cultivate scientists – researchers who have transformed the oral health profession with new knowledge. In fact, since 1964, about 100 men and women have earned PhDs at IUSD, mentored by expert faculty who have nurtured and shaped their scholars' talents and interests into oral health advancements across the globe.

Giants who have come through IUSD's PhD program include Dr. George Stookey, who cultivated the careers of many featured here and made IUSD the cariology center of the world. Prolific researcher Dr. Andrea Zandoná chairs the Department of Comprehensive Dentistry at Tufts University School of Dental Medicine. Husband and wife team Dr. Carlos González, associate dean for Academic Affairs, and Dr. Margherita Fontana, director of global initiatives, are leaders at the University of Michigan School of Dentistry. The work of IUSD's Dr. Angeles Martínez-Mier led to the creation of the gold standard for fluoride measurement.

Others became academic leaders, such as Dr. Huja Sarandeep, dean of the College of Dental Medicine at University of South Carolina; Dr. Shaza Abass, dean of the Faculty of Dentistry at University of Khartoum, Sudan; and Dr. Yiming Li, associate dean of research and distinguished

professor at Loma Linda University School of Dentistry. Our own dean, Dr. Carol Anne Murdoch-Kinch, credits her PhD for paving a career path that circled back to IUSD to lead Indiana's dental school.

"This is one of the benefits of being a dental school at a world-class public research university," said Dean Murdoch-Kinch. "Our PhD program is a visible symbol of our commitment to academic excellence and the scientific foundation of the profession. Not only have many of our alumni and faculty created and disseminated new knowledge as the authors who 'wrote the textbooks we used in dental school,' but these innovators and scientists also have created new disciplines in dentistry and made scientific discoveries that have advanced the dental profession and oral health."

According to a paper published in the *Journal of Dental Research* (2018, Vol. 97(5) 483–491), only 21 dental schools offer PhD training programs, and of these, only 16 are enrolling new students. "IUSD has one of longest running since 1964," said Dr. Richard Gregory, associate dean for graduate education and director of the dental science PhD program for more than two decades. "The excellence of IUSD's PhD graduates is a reflection of their mentors," he said. "The faculty who mentor our PhD students care deeply about their success. We try to pay back what we received ourselves. We want them all to flourish by mentoring them properly."



Dr. Margherita Fontana
(PhD Dent Sci'96)

Dr. Margherita Fontana ignored the emails from the White House. "I deleted them; I thought they were spam," Dr. Fontana said. "Who thinks the White House sends you emails?"

Then a woman called from the Office of the President. "I said, 'president of what?' 'And she said, 'president of the United States.' I looked for the hidden camera; I almost hung up on her."

Indeed, in 2011, President Obama awarded Dr. Fontana the Presidential Early Career Award for Scientists and Engineers (PECASE) for her work on caries risk assessment in children. Her nominator – the National Institutes of Health – is one of numerous scientific institutions funding her extensive cariology research.

"All the grants I have today came either from my early work at IUSD or connections that evolved from my training at IUSD," Dr. Fontana said. "Although we didn't realize it at

the time, we were at a stage in our career in which we were making connections with people who would eventually be the leaders in their field."

Dr. Fontana is one of several world-renowned cariology researchers recruited to IUSD by Dr. George Stookey, who was her mentor, along with Drs. Richard Gregory and Ann Dunipace. "Carlos [González, see below] and I had just gotten married when Dr. Stookey came to Venezuela as keynote speaker of an international research meeting on caries and fluoride. We are two of many people he plucked from other countries and grew at IUSD one of the most significant cariology groups in the world."

She recalled her 17 years at IUSD as the place where her family, professional, and academic lives began. "Before we had our four kids, we lived in graduate student housing and would run back and forth to the Oral Health Research Institute (OHRI) at all hours of the day and night to run the one-millionth study on our research," she said.

At the University of Michigan, Dr. Fontana is the Clifford Nelson Endowed Professor of Dentistry. She co-directs

cariology courses and recently became director of global initiatives. She will serve as the next president of the European Organization for Caries Research. She said she will continue to build on the scientific and humanistic foundation she developed at IUSD. “I hope my science is helping people with disparities in dental caries and disease. It’s really important that we do not lose track of the needs of those we’ve been trained and have the privilege to serve.”



Dr. Carlos González (PhD Dental Sci’97, Operative Dent’02, DDS’04)

Dr. Carlos González, associate dean of academic affairs at the University of Michigan School of Dentistry, earned numerous degrees at IUSD: DDS, MSD, and PhD. “My training at IUSD developed my ability to

think independently and critically and to become a lifelong learner,” he said. “When I graduated I felt like I could learn anything!”

He reveled when, as a junior PhD student, Dr. George Stookey invited him to sit at the table where faculty discussed grant ideas. “Not only to listen, but also to participate in the discussions,” Dr. González said. “I felt honored and respected, and it was a true privilege to participate in those discussions. I learned so much and was able to build confidence from them.”

Dr. González said the close relationships he formed with his mentors – Drs. Yiming Li, George Stookey, and Richard Gregory – evolved into lifetime friendships.

He recalled that long before diversity, equity, and inclusion was common practice at universities, IUSD welcomed the Venezuelan dentist with nascent English speaking skills. “I had to take a crash course in spoken English,” he shared. “I will always remember the kindness of Dr. Arden Christen and the team in preventive and community dentistry, who went out of their way to make international students feel welcomed. They embraced diversity back then, even when it was not in vogue.”

While at IUSD, Dr. González directed OHRI’s Digital Electron Microscopy Facility, the Laboratory Testing Program, and the post-graduate preventive dentistry programs. At the University of Michigan, he is the Richard Christiansen Collegiate Professor of Oral and Craniofacial Global Initiatives. He became associate dean for academic affairs after Dr. Murdoch-Kinch vacated the position to serve as IUSD dean.

Dr. González continues to conduct funded clinical and laboratory research in applied anti-caries products and translational caries models.

“We grew up in our professional and academic careers at Indiana,” he said. “We still have grants and clinical projects where we collaborate with Indiana researchers.”



Dr. Sarandeep Huja (Ortho’99, PhD Dent Sci’99)

As a graduate student at IUSD in the late 1990s, Dr. Sarandeep Huja could not imagine that less than 20 years later, his academic and research pursuits would lead him to the dean’s position at James B. Edwards College of Dental Medicine at the University of South Carolina.

He credited his mentors for his success. “I was mentored by the dream team at IUSD: Drs. Eugene Roberts, Thomas Katona, David Burr, Lawrence Garetto, Jie Chen, Charles Turner, and the outstanding clinical faculty in Orthodontics – so many others to whom I remain grateful to this day.”

He also spoke fondly of Dr. Arden Christen. “He was an inspiration. Always positive and encouraging. He would say, ‘Hey, in academics, we get paid to learn!’”

After earning his PhD, Dr. Huja paid it forward at University of Nebraska, Ohio State, and University of Kentucky, where he mentored master’s, PhD, and post-doctoral students and trained orthodontic residents.

Dr. Huja said his IUSD PhD research on the microdamage in bone types surrounding endosseous implants subjected to cyclic loading was foundational for his explorations into implant biology, remodeling, and tooth movement.

Dr. Huja’s institution received the 2020 William J. Gies Award for Innovation. At IU, he was a Chancellor’s Scholar and received the Maynard K. Hine Award for Excellence in Dental Research. His research interests include digital workflows and intraoral scanners in orthodontics and the biology of tooth movement.

“I received an amazing education at IUSD,” he said. “I will always be indebted to Indiana University School of Dentistry.”



Dr. Nawaf Labban (Dent Materials’07, Prosth’07, PhD Dent Sci’13)

Dr. Nawaf Labban made the absolute most of his nine years at IUSD, earning a master’s degree in dentistry and certificates in dental materials and prosthodontics. After earning his PhD, he returned to King Saud

University (KSU) in Riyadh, Saudi Arabia, and chaired the Prosthodontics Department. In fact, he paved the path toward a KSU and IUSD collaboration that has trained numerous PhD students who return to KSU as faculty members.

Dr. Labban said completing his advanced training at IUSD has allowed him to mentor and supervise PhD students and their research at KSU and advance oral health research in the Middle East. He is grateful to his IUSD mentors: the late Dr. Carl Andres, Dr. Jack Windsor, Dr. Richard Gregory, as well as Drs. Fengyu Song, Ahmed Ghoneima, Angela Bruzzaniti, Matthew Allen, and Jo Ann Cameron.

He delighted in the diversity of nationalities and cultures among IUSD's graduate students. "It was an extremely beautiful and admirable experience to know that we all had different backgrounds and upbringings, and yet we were all joined together as one in our graduation ceremony to celebrate each other and our achievements."



**Dr. Angeles Martínez Mier
(Prevent Dent'95, PhD Dent Sci'00)**

Dr. Angeles Martínez Mier's first job after dental school in Mexico was caring for prison inmates. The experience sealed her career path in caries prevention and creating oral health safety nets for underserved communities.

She chose IUSD for advanced graduate work because of its reputation in preventive dentistry. "I still remember the sights and smells of the grain silos and my first Indiana sunset," she said. "I also remember not being able to find a chili pepper in the grocery store if my life depended on it. Indiana has come a long way culturally in the past two decades."

She recalled how Research Chair Dr. George Stookey insisted that his protégés go out and network. "As students he took us to professional meetings and introduced us to everybody, connecting us to the people who were a part of our first grants," Dr. Martínez Mier said. "All the projects I've worked on since have evolved from those early introductions. The importance of a mentor who makes those connections for you cannot be underestimated."

She said the excitement of creating science together is what she remembers most fondly from her PhD studies. "Our classes, talking about studies, and discovering everything for the first time together was incredibly unique and special," she said.

Dr. Martínez Mier is professor and chair of the Department of Cariology, Operative Dentistry, and Dental Public Health at IUSD. IU bestowed her with the honor of Bicentennial Professor in 2020. From her early PhD days, she has become an international expert in fluoride measurement, leading several NIH-funded teams charged with developing global gold standard methods to measure safe levels of fluoride exposure.

"I am the scientist that I am because of IUSD's PhD program," she said. "What I learned here, the connections I made – it made my career possible."



**Dr. Carol Anne Murdoch-Kinch
(Dent Diag Sci'91, PhD Dent Sci'96)**

Dr. David Bixler, Dr. Carol Anne Murdoch-Kinch's dissertation advisor, was an exceptional teacher and mentor. "He would never answer my question directly; he would only pose new ones," she said. Initially she

found this frustrating, as she worked hard to develop her dissertation research project on Crouzon syndrome. Then she had her eureka moment. "I finally figured out what my hypothesis should be. I struggled to get there, but he knew that I had to do the work and get there on my own. I always remember that. It is so easy to share our knowledge and tell people what to do – give students the answers – but a great teacher coaches and helps the student discover the answers themselves."

Dr. Bixler was one of many great teachers and coaches to mentor IUSD's future dean. "Dr. Bixler was a wonderful man and scientist," she said. "Dr. Rick Ward was another key member of my dissertation committee and co-author on my two papers in the *American Journal of Medical Genetics*. Dr. Jim MacDonald was program director of the PhD program. Dr. Arden Christen showed me how to help people help themselves – a powerful message. Dr. David Weaver was IU School of Medicine Medical Genetics program director. He welcomed me into the genetics clinic as a fellow and treated me as a fellow physician and colleague. Other mentors included Drs. Jim Hartsfield, Margot Van Dis, Steve Bricker, Dale Miles, and of course, Jack Schaaf, who was the role model for caring for the underserved, especially those whom society had forgotten or neglected, such as people with HIV/AIDS and prison inmates."

Because Dr. Murdoch-Kinch was interested in conducting extensive clinical research on a rare genetic condition using radiographic methods, she was encouraged to pursue a PhD after completing her clinical training. In support of her research, she collaborated with IU School of Medicine's Department of Medical Genetics. "This early interprofessional experience opened doors for me to combine my love for clinical dentistry, medicine, and research throughout my career."

She fondly recalled when the genes to the disease she was researching were discovered while she wrote her dissertation. "I studied Crouzon syndrome before we knew the molecular basis of the disease. I was so thrilled to be working in the field when this major discovery was made, and so happy for the patients who participated in my study – that finally we knew the genes responsible, and with this grew the hope that lives could be improved. This is the feeling that keeps us motivated as scientists. It doesn't happen every day, but when it does, it's so powerful!"

Dr. Murdoch-Kinch credits her PhD work as the foundation of her career path, as a teacher, clinician, scholar,

“IUSD has long held its head high as a scientific heavyweight because many of our graduates wrote the textbooks our students study today. These giants of oral health were giants because they were great minds – innovators and scientists who advanced the profession through their scholarship.”

Dr. Carol Murdoch-Kinch, Dean, Indiana University School of Dentistry

and academic leader. “Dissertation research is creating new knowledge – something no one else has ever discovered. Learning how to do that, and learning how to think as a scientist, enhanced my teaching, my patient care, and my scholarship. In a very practical sense, the PhD opened doors to opportunities as a faculty member that would not have been available otherwise.”



Dr. Hani Nassar (Operative Dent’09; Dental Biomaterials’09, PhD Dent Sci’12)

Among Dr. Hani Nassar’s memories of his time across the globe at IUSD, graduation day stands out. “It came after six years of continuous hard work and perseverance that resulted in earning three postgraduate diplomas at IUSD,” he said. “That day marked a new chapter in my personal and professional life. I moved back to Saudi Arabia with new goals, purposes, ambitions, and aspirations.”

When he arrived at IUSD in 2007, Dr. Nassar was 27 years old with a bachelor’s degree in dental medicine and surgery from King Abdulaziz University (KAU) Faculty of Dentistry in Jeddah, Saudi Arabia. Six years later, he returned to Jeddah with three advanced degrees to serve as a leader at KAU, which sponsored his training.

Today Dr. Nassar chairs the KAU Department of Restorative Dentistry as well as the Department of Conservative Sciences at the University Dental Hospital. Additionally, he serves as head of both the curriculum and promotion examinations subcommittees of the Scientific Counsel and Examination Committees of the Saudi Board in Restorative Dentistry. He has continued his post-graduate training with a master’s degree in Health Professions Education from University of Illinois at Chicago-KAU, as well as a diploma in academic leadership from KAU.

Dr. Nassar said his work at IUSD directly influenced the development of similar disciplines at KAU and the Middle East. “My graduate studies provided me with the basic principles and concepts of operative dentistry and cariology, which helped me develop the educational basis of these disciplines both in the Faculty of Dentistry at King Abdulaziz University and in Saudi Arabia,” he said. “The rigors and

well-established research infrastructure at IUSD ignited my passion for research and evidence-based practice, which are major characteristics of my post-IUSD career.”

His relationship with his mentors – Drs. Richard Gregory, Anderson Hara, Jeffrey Platt, and Frank Lippert – continues after more than a decade.

“One may become a true and a masterful educator if one likes what he is doing,” Dr. Nassar said. “I have been interested in operative dentistry and cariology since my dental school days. My goal is to become one of the best cariolgists in education, research, and practice, while using up-to-date educational and e-learning technologies.”



Dr. George Stookey (PhD Prevent Dent’71)

Dr. George Stookey 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. Over the next six decades, Dr. Stookey’s dedication to oral health earned him a global reputation as a pioneer in preventive dentistry. In 2017, he was bestowed with the William J. Gies Award, dentistry’s preeminent recognition, for his innovation in dental education.

One of IUSD’s earliest PhD graduates, Dr. Stookey served as director of the Indiana Oral Health Research Institute, which continues to be a leading center for preventive dentistry research. A prolific scientist, he has produced more than 230 publications in professional journals, made more than 320 presentations at scientific meetings, holds 20 U.S. and foreign patents, and garnered more than \$20 million in research grants and contracts. Over his academic career, he held 17 IUSD academic and administrative appointments, including acting dean, executive associate dean, and associate dean of the school’s research branch. He retired from the faculty in 2001 and acquired a life sciences research company.

Dr. Stookey’s work, and that of those he mentored, has dramatically impacted the health of millions of people worldwide.



Dr. Karen Yoder (DH'62, Public Health, DH'63, Gen Dent'83, PhD Dent Sci'97)

The topic of Dr. Karen Yoder's PhD thesis manifested in East Africa. While living there in the 1970s, she observed severe dental fluorosis (teeth discoloring caused by excess fluoride) in a community that had no fluoride

in the drinking water. During her PhD research, she solved the mystery.

"Unknowingly, the community used a salt extremely high in fluoride for cooking," Dr. Yoder said. "My published PhD research alerted the Tanzanian and Kenyan governments and users of the additive, *magadi*, to the cause of their discolored teeth and, in some cases, malformed long bones."

After 10 years in practice as dentist and dental hygienist together in Goshen, Indiana, she and husband Dr. Keith Yoder (DDS'63) moved to East Africa with their four young children to serve as dental volunteers at a hospital on the slopes of Mount Kilimanjaro. The family immersed themselves in the culture for five years (she is the only IUSD faculty member ever to speak fluent Swahili) and explored the fascinating Serengeti Plains and wonders of Kenya and Tanzania.

Upon their return to the states, Dr. Yoder applied these learnings to her work, creating a global service learning component to dental education at IUSD. She developed partnerships that have allowed IUSD students to provide oral health care in communities around the globe with customs, language, and a dental reality vastly different from their own.

Dr. Yoder also singlehandedly developed community-based education, in which fourth-year dental students provide care during a two-week rotation at federally qualified health centers around the state. She was one of the long-standing faculty advisors for the Student Outreach Clinic (SOC), a student-led free clinic. She generated hundreds of thousands of dollars in grant support for the SOC, and for veterans and victims of domestic violence. If there was grant money available for vulnerable populations, Dr. Yoder found it, to the tune of \$3 million over her 50-year career.

She counts among her mentors Drs. Charles Gish, Charles Smith, Arden Christen, James McDonald, and George Stookey.

"My time at IUSD was certainly an intellectual and social awakening," she said. "My brother, Dr. Ned Masbaum, an Indiana psychiatrist, and I were the first in our family to attend college and were on the IUPUI campus at the same time," she said. "He admonished me not to date any of those dental students, but, by good fortune, Keith Yoder, a dental student, appeared and became my lifelong partner."

Keith died a few years ago, and Karen has retired to the mountains of Idaho to be near family.



Dr. Andrea Ferreira Zandoná (MS Operative Dent'94; PhD Dent Sci'97)

Similar to many of the PhD scholars in Dr. George Stookey's orb, Dr. Andrea Ferreira Zandoná became a star in the constellation of cariology research.

"My IUSD PhD set the stage for my whole career," said Dr. Zandoná, professor and chair of the Department of Comprehensive Care at Tufts University School of Dental Medicine. "The foundational training I received at IUSD during my PhD shaped my approach to cariology, early caries detection, prevention, and management."

She pointed to other mentors who played important roles in her IUSD training: Drs. Abdel Kafrawy, Melvin Lund, Mike Cochran, Richard Gregory, George Willis, Jim McDonald, Mostafa Analoui, Bruce Schemehorn, Brad Beiswanger, Ann Dunipace, and Domenick Zero.

Dr. Zandoná came to the United States from Curitiba, Brazil, where she received her dental degree from Pontificia Universidade Católica do Paraná. She was a faculty member at Indiana University from 1998 until 2013, directing the preventive dentistry graduate residency program. Before Tufts, she was on the operative dentistry faculty at University of North Carolina at Chapel Hill Adams School of Dentistry.

Over her academic career, Dr. Zandoná has mentored pre-dental, DDS, and post-graduate students and faculty on their research. She has been awarded numerous prestigious grants, has published and lectured nationally and internationally on the prevention and management of dental caries, and served on editorial boards and as a reviewer for numerous scientific and dental journals.

Dr. Zandoná has been part of the International Caries Detection and Assessment System Foundation Committee. She has served on the European Organization of Caries Research advisory board and is vice president of the CAMBRA (Caries Management by Risk Assessment) coalition.

Beyond her professional accomplishments, Dr. Zandoná treasures the close friendships she made at IUSD, including Dr. Angeles Martínez Mier, as well as husband and wife Carlos González and Margherita Fontana, for whom she is godmother to one of their children.

By Leslie Flowers

FACULTY NEWS



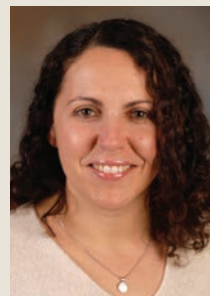
Brooke Adams



Chandni Batra



Daniel Bennett



Angela Bruzzaniti



Oriana Capin



Ashok Das



Simone Duarte



Yusuke Hamada



Anderson Hara



Michele Kirkup

Dr. Brooke Adams (DDS'05) has been named director of pre-doctoral education for Operative Dentistry.

Dr. Chandi Batra (Perio'21) has joined Periodontology as clinical assistant professor.

Dr. Daniel Bennett (DDS'78), retired clinical assistant professor, Biomedical Sciences and Comprehensive Care, received the 2021 IUSD Alumni Association Distinguished Faculty Award for Teaching.

Dr. Angela Bruzzaniti, was promoted to the rank of professor, Biomedical Sciences and Comprehensive Care.

Dr. Oriana Capin (Operative Dent '15), clinical assistant professor, has been appointed assistant director of Graduate Cariology and Operative Dentistry.

Dr. Ashok Das, clinical assistant professor, has been appointed full-time clinic director, Biomedical Sciences and Comprehensive Care.

Dr. Simone Duarte, associate professor, Cariology, Operative Dentistry & Dental Public Health, spoke at the University of British Columbia Faculty of Dentistry Research Day on the importance of biomaterials and devices as the building blocks of dentistry. Dr. Duarte has been appointed to the advisory board of the Indianapolis Project SEED and STEM high school summer research programs.

Dr. Yusuke Hamada (Perio'15), clinical assistant professor, has been appointed director of Graduate Periodontology. He co-authored "Levels of growth factors from platelet-rich fibrin from chronic periodontitis versus periodontally healthy subjects: a pilot study," published in *Clinical Oral Investigations*.

Dr. Anderson Hara was promoted to the rank of professor and appointed interim director of the Oral Health Research Institute. He received NIH funding with Dr. Gerardo Maupomé, to study erosive tooth wear.

Dr. Michele Kirkup (DDS'06), director, Predoctoral Fixed Prosthodontics, and clinical assistant professor, Prosthodontics, was named 2020 Indiana Dental Association (IDA) Outstanding Teacher of the Year for excellence in the art and science of teaching and her positive impact on students.



Mizuho Kittaka



Joan Kowolik



Wei-Shao Lin



Frank Lippert



Angeles Martinez Mier



Twyla Rader



Angela Ritchie

Dr. Mizuho Kittaka joined IUSD as an assistant research scientist assistant in Biomedical Sciences and Comprehensive Care after completing his post-doctoral research fellowship. Dr. Kittaka conducts independent research in the field of osteoimmunology with a specific focus on elucidating the mechanism of bone resorption in periodontal diseases.

Dr. Joan Kowolik, Pediatrics, was appointed director of admissions and recruitment. Dr. Kowolik continues to teach in Pre-doctoral Pediatrics.

Dr. Wei-Shao Lin, associate professor and chair, Prosthodontics, co-authored "Coronavirus disease 2019 (COVID-19): Experiences and protocols from the Department of Prosthodontics at the Wuhan University," "The effect of surface treatments on the color stability of CAD-CAM interim fixed dental prostheses (IFDP)," "Accuracy of virtual interocclusal records for partially edentulous patients," and "Accuracy, reproducibility, and

dimensional stability of additively manufactured surgical templates," published in *Journal of Prosthetic Dentistry*.

Dr. Frank Lippert, associate professor, Cariology, Operative Dentistry, and Dental Public Health, co-authored "Indirect caries-preventive effect of silver diamine fluoride on adjacent dental substrate: A single-section demineralization study," published in *European Journal of Oral Sciences*; "Artificial caries lesion characteristics after secondary demineralization with theobromine-containing protocol," published in *Molecules*; and "The effect of silver diamine fluoride in preventing in vitro primary coronal caries under pH-cycling conditions," published in *Archives of Oral Biology*.

Dr. Angeles Martínez Mier (Prev Dent '95, PhD Dent Sci '00), chair and professor, Cariology, Operative Dentistry, and Dental Public Health, celebrated her 100th publication as co-author of "Dietary Influences on Urinary Fluoride

over the Course of Pregnancy and at One-Year Postpartum" in *Biological Trace Element Research*. She also co-authored "Association of dietary fluoride intake and diet variables with dental caries in adolescents from the ELEMENT Cohort Study" and "Epidemiology of erosive tooth wear, dental fluorosis and molar incisor hypomineralization in the American continent," published in *Caries Research*; and "Redesign of an informed consent form to increase participation in a school-based dental program," published in *Journal of Public Health Dentistry*.

Twyla Rader, clinical assistant professor, Biomedical Sciences and Comprehensive Care, was a first-time Trustees Teaching Award recipient.

Dr. Angela Ritchie, assistant clinical professor, has been appointed director of the Oral Pathology Group, which is the diagnostic surgical biopsy service of the Department of Oral Pathology, Medicine, and Radiology.



Laura Romito



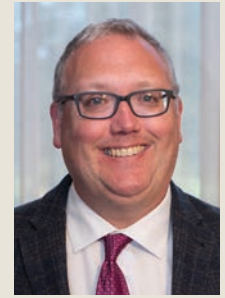
Allison Scully



Armando Soto



Mythily Srinivasan



Sean Stone



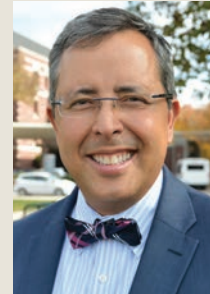
Thankam Thyvalikakath



Yasuyoshi Ueki



Phillip Wong



Juan Yepes



Domenick Zero

Dr. Laura Romito, professor, Biomedical Sciences and Comprehensive Care, was granted tenure and received the Trustees Teaching Award.

Dr. Allison Scully (DDS'15), clinical assistant professor, Pediatric Dentistry, was a first-time Trustees Teaching Award recipient. Delta Dental Foundation awarded Dr. Scully a community grant that covers treatment for children in the pediatric dentistry clinics whose families are unable to pay.

Dr. Armando Soto, associate professor of Cariology, Operative Dentistry, and Dental Public Health, and director of community engagement, was named 2020 IDA Outstanding Faculty Member of the Year for excellence in teaching, research, and service.

Dr. Mythily Srinivasan, associate professor, Oral Pathology, Medicine and Radiology, received her third patent from the U.S. Patent Office for "Peptides and methods for treatment of neurodegenerative diseases." The

patent covers PGA, which are second-generation peptide analogs intended for suppressing chronic inflammation in neurodegenerative diseases such as Alzheimer's, Parkinson's, multiple sclerosis, and amyotrophic lateral sclerosis.

Sean Stone was promoted to associate librarian with tenure.

Dr. Thankam Thyvalikakath, director, Dental Informatics Core Group, was promoted to the rank of professor in Cariology, Operative Dentistry, and Dental Public Health. She received the Outstanding Center for Biomedical Informatics Investigator Award from Regenstrief Institute and the 2021 IUSD Alumni Association Distinguished Faculty Award for Research.

Dr. Yasuyoshi Ueki, associate professor, Biomedical and Applied Sciences, has received NIH funding for his study of a new gene identified in cherubism, a genetic disorder in children characterized by the expansion of

jawbones on both sides. The research is relevant to periodontitis and rheumatoid arthritis.

Dr. Phillip Wong, clinical assistant professor, Oral Pathology, Medicine and Radiology, received a first-time Trustees Teaching Award.

Dr. Juan Yepes, professor, Pediatric Dentistry, was named Indiana Dental Association Outstanding Teacher of the Year.

Dr. Domenick Zero, professor, Cariology, Operative Dentistry and Dental Public Health, received the American Association of Dental Research William J. Gies Award. Dr. Zero recently stepped down as director of the Oral Health Research Institute after 22 years of leadership. Industrial partners and federal agencies awarded more than \$30 million to fund his work on cariology, clinical trials, and oral care product development.

BRIDGES



Dr. Daniel Bennett

graduated from IUSD in 1978 with highest honors. He practiced in Pendleton, Ind., for 33 years

before retiring to become a full-time faculty member in 2013. Among his many roles at IUSD, Dr. Bennett has been a Comprehensive Care clinic director, assistant clinical professor, Emergency Clinic director, and Team Clinic director.

Dr. Bennett lectured nationally on periodontal therapy in general practice. He was an advisor to the Christian Dental Student Association and participated in several dental mission trips to Honduras.

Beloved by students, staff, and faculty alike, the graduating senior dental class has selected Dr. Bennett repeatedly to serve as a faculty hooder at commencement. Dr. Bennett received the 2021 Distinguished Faculty Award for Teaching.



Pamela Ford

retired as director of the Dental Assisting Program in Evansville, Ind. Ford joined the IUSD faculty in 2005,

excited to return to her alma mater after graduating in the 1970s. "I loved that I worked in a large, rich,

educational environment with like-minded individuals," she said. "It never mattered which language was anyone's first language – we all spoke dentistry! This has really been a gift that few people get to experience."

While she was Dental Assisting program director, IU added five bachelor degree options. "We sought out and collaborated with multiple directors of bachelor's degrees on the IUPUI campus to make this happen," she said. "Nowhere else can a dental assisting graduate in Indiana, and perhaps anywhere in the U.S., go to a school that will accept their dental assisting credits toward a bachelor's degree."

She is also proud that three of her former dental assisting students are now DDS students.



Judy Haines,

clinic coordinator, served IUSD and the university for 47 years, including the past 25 years in Graduate Operative

Dentistry. She was the only clinical staff in the department, responsible for everything from assisting to ordering supplies, scheduling patients, and helping anyone with anything.

"It always seemed like home away from home," Haines said. "I had the great fortune to work with the faculty and almost 200 talented residents."

Dr. Norman Cook, director, Graduate Cariology and Operative Dentistry, said, "Judy has a heart of gold, which is probably explains her penchant for gold foil. She continued for 47 years because she loved the job, patients, students, and faculty."



Dr. Cheryl Krushinski
(DDS'87)

Since joining IUSD as a research associate in 1997, Dr. Krushinski, clinical assistant

professor, Oral Pathology, Medicine and Radiology, steadfastly served students, patients, colleagues, and the profession.

Dr. Krushinski was principal investigator or study dentist in over 100 dental clinical studies and developed an IUSD online access resource for the treatment of oral mucosal disorders. In 2007 she transitioned into the Department of Oral Pathology, Medicine and Radiology as an assistant professor.

Dr. Krushinski mentored students on numerous global service learning experiences in Kenya and Mexico. Her work with both the Indiana Boys School and the Indiana Girls School shaped the presence, compassion, and dedication she brought to IUSD and its mission.



Barb Lerner, graduate education coordinator, dedicated 35 years of her career to student services. Getting to know the students was her favorite part of the job, she said. "Many of our graduate students are far away from family, and I loved playing the 'mother' role from the day they walked into IUSD until the day they left," Lerner said.

Dr. Richard Gregory, professor, associate dean, and Graduate Education and PhD Program director, said, "For 35 years, Barb has been the glue that has held together every unit she has been part of at IUSD. Specifically, for me and the hundreds of graduate students over the years in Graduate Education, she was indispensable for our success."



Karen Liford retired after 42 years at IUSD. She began her career in 1979 just out of dental assisting training, working in Periodontology,

Operative Dentistry, and then Comprehensive Care. For 25 years she was a clinic coordinator for clinic director Dr. Timothy Carlson.

"I appreciated Dr. Carlson's work ethic, his integrity, and his patience

with the students, staff, and patients," Liford said. "As I look back over the 42 years, working here has been a blessing. I am thankful for all the memories."



Kay Rossok retired as assistant to the chair of Department of Periodontology. After graduating from the Dental

Hygiene Program at IPFW in 1979, she worked full-time in Bloomington, but was on call for the Oral Health Research Institute through 1995. After she retired her instruments, Rossok worked in the IUSD Library and the Dean's Office. In 2001, she joined the (then) Department of Periodontics and Allied Dental Programs, as secretary for the Dental Assisting division. She moved into her retiring position in 2011.

"Outstanding employees like Kay are not easy to find," said Dr. Vanchit John, chair, Periodontology.

Retirements

**WE WERE CREATED
FOR MEANINGFUL WORK,
AND ONE OF LIFE'S
GREATEST PLEASURES
IS THE SATISFACTION
OF A JOB WELL DONE.**

JOHN C MAXWELL

PASSAGES



Dr. Susanne Benedict (DDS'98)

Dr. Susanne Largura Benedict, beloved faculty member, teacher, friend and colleague, died May 30, 2021. She was an assistant professor and assistant dean of student services.

A 1998 DDS graduate, Dr. Benedict worked as a private

practice dentist for several years before returning to IUSD to teach. She was adjunct faculty at the Charles Warren Fairbanks Center for Medical Ethics and was inducted into the American College of Dentists.

Dr. Benedict had an unparalleled work ethic and aspired to the highest standards and goals. She was establishing a study abroad program between IUSD and the University of Milan-Bicocca Dental School in Milan, Italy.

"Dr. Benedict was an exceptional person, health care professional, and faculty member," said Dean Carol Anne Murdoch-Kinch. "She was committed to excellence in everything she did, and served with compassion, humility, and grace. So many of us can recall instances where we personally benefited from her presence, attention, and care."

Dr. Benedict was an avid runner, completing several marathons and races over the years. She loved her students, fashion, baking, and most of all, her family.

She is survived by her husband, Dr. Brian Benedict (DDS'00, Ortho'03), her three sons, parents Dr. Aldo (DDS'65) and Rebecca Largura, siblings Dr. Burton (DDS'99, Perio'06) and Heather (DDS'99, Ortho'13) Largura, Ryan (Karen) Largura, and sister Alison Largura (Dr. Leo Urdaneta) and their families.

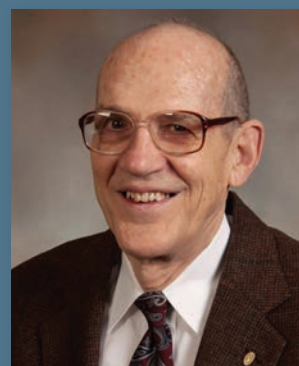


Pamela Elliott

Pamela Elliott, a devoted IUSD staff member for 35 years, died Feb. 23, 2021. Elliot was an IU employee for 41 years, retiring in January 2020. She served as assistant to the associate dean of clinical affairs, clinics administrator, and patient advocate.

Elliott moved to Indianapolis from Fort Wayne in 1988 to become administrative assistant to Clinic Dean Dr. Donald Tharp. While adjusting to a new city and job, she finished classes at IUPUI and graduated with a bachelor's degree in supervision management. She supported Dr. Christianne Guba when HIPAA was enacted in 1996, and she worked 19 years with Dr. George Willis when patient records transitioned to electronic health records. She said her greatest accomplishment was creating the Comprehensive Care Clinic coordinator work stations.

"Pamela was a wonderful person and dedicated employee who is mourned by the IUSD family," said Clinic Dean Dr. Harvey Weingarten. "She worked for four clinical deans, and the true story is that we all actually worked for her."



Dr. Joseph Legan

Dr. Joseph Legan, a beloved retired Endodontics faculty member, passed away on June 9, 2020, in Poquoson, Virginia.

Dr. Legan served in the U.S. Air Force for 25 years, retiring as a colonel in 1990, when he joined the IUSD faculty. Dr. Legan received several teaching awards and

was dedicated to IUSD's pre-doctoral Endodontics program. He retired from IUSD in 2014.

"Dr. Legan was highly respected by his peers and students," said Endodontics Chair Dr. Kenneth Spolnik. "His quiet demeanor made him approachable to so many students who greatly appreciated his sincere desire to teach them endodontics."



Dr. Francis "Gene" McCormick

Dr. Francis "Gene" McCormick (DDS'53) died on March 30, 2020, in West Chester, Ohio. Dr. McCormick graduated from IUSD in 1953, a member of the Omicron Kappa Upsilon honor society. He entered private practice in Speedway, Indiana, and in 1960 joined the IUSD

Pedodontics (now Pediatric Dentistry) faculty. He was highly regarded and recognized with a Distinguished Faculty Member Award. He retired in 1988 as professor emeritus.



Dr. Donald Newell

Dr. Donald Newell, treasured retired Periodontology program director and faculty member, passed away Feb. 1, 2020. Dr. Newell received his DDS and master's degree at the University of Illinois College of Dentistry. He served as a dental officer in the U.S. Army for 24 years, retiring as a colonel

in 1980. Dr. Newell was recruited to IUSD in 1989 after serving on the dental faculty at University of Texas in San Antonio. He became director of IUSD Graduate Periodontics in 1994, a role he held in until 2003 when Dr. Steven Blanchard became director. He continued as full-time faculty, taking great pleasure in his association with both faculty and students. Dr. Newell retired as a professor emeritus in 2009.

"Don was a dear friend and mentor whom I first met when I was a first-year resident in 1986 in San Antonio. He was a great educator who loved the specialty of periodontics and was one of the reasons that I eventually wound up at IUSD," Dr. Blanchard said. "More so, he was a true gentleman. I never heard him speak an unkind word about anyone."

1940s

Melvin J. Nevel, DDS'46, Chicago, Ill., April 7, 2021
Lowell R. Renshaw, DDS'44, Columbus, Ind., Dec. 20, 2020
Carmelo J. Todaro, DDS'46, Scarsdale, NY, Aug. 15, 2021

1950s

M. John Borkowski, DDS'55, Crown/Bridge'76, Indianapolis, Jan. 16, 2021
Rodney F. Brown, DDS'52, Evansville, Ind., Jan. 2, 2021
William L. Cromwell, DDS'58, Paoli, Ind., Aug. 1, 2021
Frederick H. Fillmore, DDS'56, West Lafayette, Ind., Sept. 18, 2021
Jo Ann (Nichols) Hearn, ASDH'53, DDS'59, Kokomo, Ind., Jan. 18, 2021
Robert B. Hirschman, DDS'59, Ortho'61, Indianapolis, April 11, 2021
Donald E. Jennings, DDS'59, Muncie, Ind., Dec. 4, 2020
Robert L. Mattern, DDS'58, Warsaw, Ind., Dec. 20, 2020
Elizabeth Keck Mitchel, ASDH'53, Carmel, Ind., Feb. 8, 2021
Ben B. Pence, Jr., Ortho'59, Columbus, Ind., June 11, 2021
Byron K. Poindexter, DDS'58, Bluffton, Ind., Nov. 8, 2020
Basil W. Remley, DDS'53, Evansville, Wis., March 7, 2021
William H. Riffle, DDS'55, Greenwood, Ind., Aug. 19, 2021
Donald E. Spees, DDS'54, Zionsville, Ind., Dec. 28, 2020
Marjory Urschel, ASDH'58, Lafayette, Ind., Sept. 8, 2021

1960s

Robert Donald Bartels, DDS'63, Bonita Springs, Fla., June 9, 2021
Paul A. Bender, DDS'67, Peds'69, Jeffersonville, Ind., March 2, 2021
James J. Bohlin, DDS'64, Warsaw, Ind., May 14, 2021
Ronald K. Bowman, DDS'61, Carmel, Ind., Jan. 7, 2021
Eugene L. Dellinger, DDS'63, Ortho'65, Fort Wayne, Ind., Dec. 7, 2020
Donald Eugene Derrow, DDS'61, Auburn, Ind., Aug. 16, 2021
Thomas V. Doty, DDS'63, Fremont, Ind., March 20, 2021
Carmine Griffis, BSDH'64, Indianapolis, April 29, 2021
Carol A. (Mager) Hurst-Dudek, ASDH'61, Plainfield, Ind., Jan. 16, 2021
Martha F. (Roland) Jones, ASDH FW '69, Williamsburg, Va., April 8, 2021
Jeffrey E. Landrum, DDS'64, OMFS'67, Bristol, Ind., Aug. 25, 2021
Nicholas J. Lebamoff, DDS'62, Fort Wayne, Ind., Sept. 10, 2021
Ardis C. Melloh, DDS'64, Indianapolis, Feb. 23, 2021
John W. Nyberg, DDS'63, South Bend, Ind., Dec. 15, 2020
Dan A. Olson, DDS'60, San Antonio, Texas, Dec. 17, 2020
John W. Osborne, DDS'63, Operative '68, Golden, Colo., May 15, 2021
Edwin S. Sakurai, DDS'62, Perio'70, Los Angeles, Calif., Feb. 22, 2021
Shermie L. Schafer, ASDH'63, BSDH'65, Indianapolis, Feb. 23, 2021
Hugh A. Smith, DDS'63, Valparaiso, Ind., March 8, 2021
Donn H. Spilman, DDS'61, Goshen, Ind., Nov. 4, 2020
Sandra R. Strempel, ASDH'68, Greenwood, Ind., Jan. 24, 2021
Lester E. Tweedle, DDS'60, Brownsburg, Ind., Jan. 11, 2021
James E. Vaught, DDS'61, Maryville, Tenn., Dec. 9, 2019
Leonard J. Vincent, DDS'68, Surprise, Ariz., Dec. 2, 2020
Gerald H. Wilzbacher, DDS'61, Indianapolis, Feb. 3, 2021
Robert A. Winkler, DDS'61, Ortho'71, La Cañada Flintridge, Calif., March 14, 2017
Thomas B. Zimmerman, DDS'67, Valparaiso, Ind., May 24, 2021

1970s

Lee J. Allen, DDS'70, Everett, Wash., Jan. 25, 2021
Roscoe M. Brady, DDS'76, Monticello, Ind., July 31, 2021
David L. Burns, DDS'75, Fort Wayne, Ind., July 14, 2021
Ernest W. Hendricks, DDS'71, Richmond, Ind., Jan. 29, 2021
Cynthia L. Molenda, DDS'79, Fort Wayne, Ind., Dec. 18, 2020
Donald E. Nelson, DDS'74, Jackson, Tenn., Jan. 17, 2021
Vernon C. Reaves, DDS'75, Cleveland, Ohio, March 7, 2021
Barbara C. (Neff) Richter, ASDH'75, Bellevue, Wash., Aug. 28, 2021
Glenn M. Smith, DDS'72, Bluffton, Ind., Oct. 5, 2021

1980s

Ronald M. Fisher, Prosth'80, Delray Beach, Fla., Feb. 4, 2021
Jeffrey Laurence Percy, DDS'84, Hernando, Fla., Aug. 14, 2021

1990s

Alla Bandoim, ASDH'99, Indianapolis, Feb. 1, 2021
Susanne Largura Benedict, DDS'98, assistant professor and assistant dean of student affairs, Fishers, Ind., May 30, 2021

ALUMNI NEWS



Dr. Timothy Carlson recognized with the Dr. Lloyd Phillips Distinguished Service Award

The Indiana Dental Association recognized retired faculty member **Dr. Timothy Carlson** (DDS'78, Operative Dent'86) with the Dr. Lloyd Phillips Distinguished Service Award for performing outstanding service to the profession and/or society.

Dr. Carlson has devoted his career to academic, clinical, and humanitarian dentistry at home and abroad. In his 42nd year on faculty, now as a volunteer, Dr. Carlson has championed a culture of compassion at IUSD for those with little access to care and has been a primary driver of the dental school's Global Service Learning program and the volunteer Student Outreach Clinic.

IU awards Bicentennial Medal to Dr. George Stookey

IU awarded the IU Bicentennial Medal to Professor Emeritus **Dr. George Stookey** (MSD'62, PhD'71). During the university's bicentennial celebration, IU bestowed the medal to organizations and individuals who, through their personal, professional, artistic, or philanthropic efforts, have broadened the reach of Indiana University around the state, nation, and world. The medals themselves are unique, made from materials salvaged from bells that hung in the student building on the IU Bloomington campus.



Dan Fridh



Richard Jones



Anthony Puntillo

IUSD alumni leading in dental societies

Dr. Dan Fridh (DDS'75) has been elected vice president of the USA section of the International College of Dentists. **Dr. Richard Jones** (DDS'75) is president-elect of the American College of Dentists. **Dr. Anthony Puntillo** (DDS'91, Ortho'93) has been elected to the board of directors of the American Board of Orthodontics.

News



JOHN HOFFMAN

Assistant Dean of Development

IUSD exceeds For All-IU Bicentennial Campaign goal

On behalf of the entire IU School of Dentistry (IUSD) family, let me express my thanks and gratitude for meeting and exceeding IUSD's portion of the For All-IU Bicentennial Campaign goal.

Celebrating the 200th year of Indiana University in 2020, the campaign encompassed all nine IU campuses and emphasized support for IU students, faculty, and programs from individual schools on each campus.

Beginning in April 2013 and closing in September 2020, the For All Campaign generated a University-wide final total of \$3,861,455,110, surpassing the original goal of \$3 billion. For IUSD's part, a goal of \$40 million was established, which included individual and corporate philanthropy as well as non-governmental grants acquired by IUSD's Oral Health Research Institute. I am pleased to report that the final amount achieved by IU School of Dentistry was **\$42,783,135**.

Highlights of the campaign for IUSD include:

- Construction and dedication of the Dr. James J. Fritts, DDS Clinical Care Center on March 2, 2018.
- 160 named spaces in the Dr. James J. Fritts, DDS Clinical Care Center
- 25 new permanently endowed scholarships and funds and nine new discretionary income funds
- 29 new and realized planned gifts as part of IUSD's Hine Legacy Society
- Newly renovated office, faculty, and resident space for Graduate Endodontics
- Establishment of an IUSD Student Emergency Fund

Once again, on behalf of Dean Carol Anne Murdoch-Kinch, Dean Emeritus John Williams, and the entire IUSD family, a sincere thank you for your continuing thoughtfulness, loyalty, and generosity.

Best regards,

JOHN HOFFMAN

Assistant Dean of Development

johoffma@iu.edu | (317) 274-5313



BEQUEST EXPRESSES GRATITUDE FOR IUSD EDUCATION

Dr. Donald Jennings practiced dentistry for 47 years in Muncie, Ind., before retiring in 2006. He passed away Dec. 4, 2020. His was a lifetime of serving and giving.

An Army veteran who was drafted in 1950 and served his country in Korea and at a hospital dental clinic in Germany, Dr. Jennings established his private practice in Muncie, later opening a satellite office in Sulphur Springs, Ind., in 1980.

Dr. Jennings' philosophy of selflessness was shaped at an early age. At age 10, he lost his father and was raised by his single mother. She worked two jobs to support him, his older brother, and younger sister. Just as important, the support the Lynn, Indiana, community offered the family during difficult times was a lesson learned about giving back. It influenced Dr. Jennings throughout his lifetime and was reflected in the compassion and thoughtfulness he showed his patients and his office employees during his career.

A huge IU basketball fan, Dr. Jennings was extremely appreciative of the opportunities an IU education afforded him. He believed it was important to show his gratitude by giving back during his lifetime. He was extremely proud of the fact the "a small-town boy from Lynn, Indiana, made something of himself."

Most recently, Dr. Jennings' family informed the dental school of his desire to make a final bequest gift to further benefit IU School of Dentistry.



MELISSA EVANS

Director of Development

mae3@iu.edu | (317) 274-5426

Leaving a legacy and supporting the future of IU School of Dentistry

Have you considered including IU School of Dentistry in your estate plans? Creating a bequest in your will or estate plans for the benefit of Indiana's dental school is a powerful statement of one's loyalty and appreciation for the education and career opportunities an IUSD education provides. A bequest also creates resources valued by future generations of oral health professionals, continuing the excellence of teaching and practice IU School of Dentistry has exemplified for over 140 years.

You can designate IUSD in your estate plans by including this statement in your will: *I give, devise, and bequeath the (sum of/ percentage of/ residue of my estate) to Indiana University Foundation, a not-for-profit corporation with principal offices located in Bloomington, Indiana, to be utilized for the benefit of Indiana University School of Dentistry.*

If you have already included IUSD in your estate plans or as the beneficiary of a policy or account, please let us know. By informing us of your decision, we can ensure your gift is properly allocated to the area of support you intended. Individuals who disclose their plans qualify for special recognition, such as induction into the IU School of Dentistry Hine Legacy Society and the Indiana University Arbutus Society.

Supporting IUSD creates a foundation for the future. If you are interested in learning more, please contact Melissa Evans, IUSD director of development, at (317) 274-5426 or mae3@iu.edu, or John Hoffman, assistant dean of development, at (317) 274-5313 or johoffma@iu.edu.



IUPUI RECOGNIZES DR. GREG AND STEPHANIE PHILLIPS WITH PHILANTHROPY AWARD

IUPUI honored Dr. Greg (DDS'84, Perio'92) and Stephanie (DH'81) Phillips at the IUPUI Spirit of Philanthropy Awards ceremony on April 13, 2021.

The Phillips have been great friends and loyal supporters of IUSD, giving generously to many areas of the Graduate Periodontology program as well as sponsoring an operator in the Fritts Clinical Center. Dr. Phillips spearheaded the IUSD Class of 1984 Scholarship fund from the South-Central Dental Society and his fellow 1984 DDS classmates.

Dr. Phillips is clinical adjunct assistant professor in the Department of Periodontology and a member of IUSD's Board of Advisors. He maintains a private practice in Columbus, Ind. Stephanie Phillips works part-time in the practice and is a leader in several local ministries.

"IUSD in general and IU Perio in particular have provided us with the opportunity to enjoy the life we have. This makes it easy for us to give back, and we really don't feel like we have done anything special," Dr. Phillips said.



INDIANA UNIVERSITY SCHOOL OF DENTISTRY CALENDAR

11 | 06 | 2021

**IUSD Class Reunions
for DDS and DH classes
who should have had a
reunion in 2020 or 2021**

Campus Center and
Dental School

Indianapolis, IN

To register go to:
[http://myiuuaa.com/
iUSD_reunion](http://myiuuaa.com/iUSD_reunion)

02 | 25 | 2022

**Chicago Midwinter
Alumni Reception**

Hyatt McCormick Place
Chicago, IL

More details will be
available at the end of
this year.

05 | 21 | 2022

IUSD Class Reunions

Grand Wayne
Convention Center

Fort Wayne, IN

Look for information
about your class reunion
including the registration
link this fall.

Summer 2022

Alaska Alumni Cruise

Tentatively looking at
July sailing.

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



IUSD Alumni Class Reunion Weekend

**Registration is Now Open for Your IUSD Class Reunion
Saturday, November 6, 2021**

IUSD Dental Hygiene and Dental Class Reunions for all Classes ending in 0, 1, 5 and 6

8:00 – 9:30 a.m.

50th Breakfast for Classes Celebrating a Reunion
from 1970 and 1971 and prior. Hosted by Dean Carol
Anne Murdoch-Kinch

10:00 a.m. – 12:00 p.m.

Continuing Education
Room 114, School of Dentistry

*All You Need to Know About the Temporomandibular
Joint But Were Afraid To Ask*
Presenter: Dr. Shaun Matthews

Objectives

At the conclusion of this presentation, participants
will be able to:

1. Describe how to perform an examination of the
temporomandibular joint
2. Give an overview of TMJ imaging modalities

3. Discuss the TMJ multidisciplinary team concept
4. Outline a treatment algorithm for the management
of temporomandibular dysfunction
5. Describe the etiology of common TMJ complaints
e.g clicking jaw joints and TMJ dislocation

Description

This course will provide participants with an overview
of the non-surgical and surgical management
of temporomandibular dysfunction, especially
as it relates to the common jaw joint complaints
encountered in general dental practice. Emphasis
will be placed on how to perform a structured TMJ
examination, supported by an assessment of the
appropriate imaging commonly used to diagnose TMJ
disorders. The presentation will be interactive and will
feature several clinical cases and videos designed to
highlight the didactic content. The target audience is
general dental practitioners and all other oral health
care professionals.

12:00 – 2:00 p.m.

Dental Hygiene Class Reunion Luncheon including
class photos and tours of the dental school.
IUSD Student Cantina, Lower Level

5:00 – 6:00 p.m.

Tours of the Dental School

6:00 – 7:00 p.m.

Dental School Class Reunion Reception
IUSD Lobby

7:00 – 9:00 p.m.

Dental School Class Reunion Dinners and Class
Photos
4th Floor Ballroom, IUPUI Campus Center

To register go to: http://myiuuaa.com/iUSD_reunion



SCHOOL OF DENTISTRY

INDIANA UNIVERSITY
Indianapolis

ALUMNI BULLETIN

Office of Development
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Indianapolis, IN 46202-5186

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Phenomenal!

Despite interruptions to coursework and clinics caused by the pandemic, every member of the Class of 2021 graduated and passed their board exams. Congratulations to the students, faculty, and staff on this phenomenal accomplishment!

Pictured here, DDS graduates Drs. Alisa Fabiano, Ashley Recker, Jessica Pickell, Samantha Shuttleworth, Renaye Hamilton, Katherine Burkett, and Taylor Dufinetz