

THE DENTAL link

The University of Iowa College of Dentistry & Dental Clinics **Alumni News** Summer 2017

Jacob Eisenbach, Class of 1955

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Alumni News

When Jacob Eisenbach DDS ('55) was a teenager in Lodz, Poland, he had a good friend who was a dentist. It was because of this relationship he became interested in dentistry.

In 1938, Jacob's mother's died and his youngest brother, Henry, died of typhus. On September 1, 1939, Hitler invaded Poland. As a 16-year-old, Jacob and his brother, Sam, watched Jews being rounded up, including his youngest brother who subsequently died at Auschwitz. His father was sent to a labor camp where he later died from exhaustion.

Jacob and Sam hid but were eventually discovered by Nazi soldiers. They were put on a cattle car and transported for three days to Skarzysko, Poland, where they worked in a munitions factory during the day (replacing German soldiers who had been sent to the Russian front), and were returned to the concentration camp at night.



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David Johnsen

The College is #1 in Social Responsibility

Social responsibility is an aspiration of our dental students along with acquiring core knowledge in basic and clinical dentistry, achieving technical proficiency and critical thinking skills, developing ethical and professional values, attaining practice management experience, and learning the ability to function in a collegial professional setting. There are indications that our graduates demonstrate social responsibility. It begins with the role models of our faculty. We have one of the top extramural programs, including Broadlawns, the Geriatric Mobile Dental Unit, the Muscatine pediatric dentistry clinic, and several other programs, where students acquire great experience with the underserved, and hone their dental

skills. We also have a great turnout every year at the Iowa Mission of Mercy where annually more than 100 of our students, faculty and staff deliver care. Our students regularly volunteer for service activities in this country and internationally. Recent data show that the state of Iowa ranks number one nationally in the percentage of dentists who take Medicaid patients. Because nearly 80% of Iowa dentists represent our alumni, the College of Dentistry plays a large role. In addition, Iowa ranks first nationally in the percentage of recent graduates who take Medicaid. If all dentists took a few Medicaid patients, the access issue for lower income patients would be diminished.

The future looks bright for our graduates who are aware of these issues facing society and who are willing to help. Hats off!

64th Annual Meeting of the Iowa Section of the AADR Held February 14



The 64th Annual Meeting of the Iowa Section of the American Association for Dental Research was held February 14, 2017. Associate Dean for Research Brad A. Amendt gave the welcome address. The meeting's keynote speaker was Dr. Deborah Kacmarynski who is the Paul N. Johnson Associate Professor in Craniofacial Abnormalities, Department of Otolaryngology – Head & Neck Surgery at the University of Iowa Hospitals & Clinics. Dr. Kacmarynski presented “Oral Clefting: Opportunities for the Next Score.”

Following the keynote speaker's presentation, there were oral presentations in Galagan A/B/C and N212.

Posters & table clinics were held in the Iowa Institute for Oral Health Research and W220 A/B.

The awards banquet reception and dinner was held at the Radisson Hotel & Conference Center in Coralville.

The Big Data Project: Creating an Immense Resource for UI Researchers and Health Care Providers

The College of Dentistry & Dental Clinics (COD), University of Iowa Hospitals and Clinics (UIHC), and the Center for Developmental Disabilities (CDD) have embarked on a collaborative project to link up more than 250,000 unique patient records from the UIHC, CDD and the COD. The Big Data Project's goal is to create an immense resource for UI researchers and health care providers. A \$600,000 three-year grant from the Roy J. Carver Charitable Trust is supporting this goal as part of the Biorepository project.

Associate Dean for Research Brad A. Amendt, Dr. Veerasathpurush Allareddy, a researcher in the Department of Orthodontics, and Mr. Chuck McBrearty, director of the COD's Dental Technology and Media Services, have been instrumental in organizing this project.

Epic, a medical software application, contains the UIHC medical data while the COD's Axium system stores dental health records. A database in the UI Institute for Clinical and Translational Science (CTSA) is hosting the Axium and Epic data, which will be used for research purposes.

Progeny, a genetic data management software product, will house the patient specimen and pedigree information. Its database fields can be custom designed to accommodate various research projects. Barcoding capability will enable a user to produce a numbering system and track specimens in freezers. Housing RNA and DNA samples from saliva, tissue and tooth samples in Progeny will enable UI faculty and scientists to request patient information on particular medical issues (e.g., periodontitis or diabetes).

"The associations between oral health and systemic health are well documented," says Dr. Allareddy. "The combined

data repository has the potential to take this area of research to the next level. Some of our team's recent studies (published in *Bone Marrow Transplantation*, *Journal of Evidence Based Dental Practice*, etc.) have shown that those having dental lesions, such as gingivitis, periodontitis, periapical abscesses, etc., are associated with higher hospital charges and length of stay in hospitals. These patients are also at a higher risk for developing infectious complications following complex surgical procedures."

"Integrating dental and medical records via the combined repository will enable us to examine multiple health-related outcomes at the level of each individual patient, hospital, and society as a whole," Allareddy adds. Better communication between physicians and dentists, he believes, will result in the improved health of patients and communities by creating an inter-professional collaborative practice model that integrates oral and systemic health care delivery. This project, he says, may provide a "causal pathway" for determining the impact of oral health on systemic health (and vice versa), eliminate health disparities, and improve access to care.

In keeping with the 1996 Health Insurance Portability and Accountability Act (HIPAA), information taken from patient records will be limited to only what is necessary for a research project. Each project will require the approval of the University of Iowa Institutional Review Board (IRB).

The project's researchers, Drs. Azeez Butali (Iowa Institute for Oral Health Research and oral pathology, radiology and medicine), Arwa Owais (pediatric dentistry) and Veerasathpurush Allareddy (orthodontics), are already benefiting from the combined datasets. "To date we've been able to merge data for about 250,000 individuals," says Butali. "This dataset will support our R21 grant, which is studying the impact of systemic diseases on oral health, and our Precision Medicine Grant in 2017. We will be able to recall subjects with existing data for biological samples to improve health outcomes."

Karen Kluesner and Amber Marolf are collecting the saliva, teeth and tissue samples. Karen calls Progeny "the Cadillac of databases" and says, "It's important to think ahead, to anticipate what types of information researchers might want in the future." In talking with different departments at the COD, the biorepository management team has received positive feedback about using the project's big data for possible future research projects.

Dr. Allareddy agrees and envisions many future research projects. "This is an exciting time to conduct big data analyses," he says. "The possibilities are numerous."





Dean David Johnsen reading from Dr. Jacob Eisenbach's memoir during his visit on April 27. A photo of his mother can be seen on the screen in the background.

Eisenbach

Continued from page 1

During the war, the brothers labored in the munitions factory until July 1944 when because of the advancing Soviet troops, they were transferred to another weapons factory in Czystochowa, Poland. There, Jacob met his future wife, Irene.

In January 1945, Czystochowa was liberated and the Eisenbach brothers, along with Irene, walked out of the camp to freedom.

Of approximately 100 family members, only Jacob and Sam survived WWII. Two years later, Sam, who had joined the Polish Army after changing his name because of antisemitism, was killed when other soldiers discovered he was Jewish.

Irene and Jacob married and moved to Frankfurt, Germany so he could study dentistry at the University of Frankfurt. Because the school and city were located in the Allied

occupied zone of Germany, they felt it was a safe place for them to live while he pursued his DMD.

As a small child, Jacob had enjoyed listening to adult conversations and had heard comments about the U.S. being the "greatest country in the world." Although a cousin who had moved to Melbourne, Australia, after the war encouraged them to join him, Dr. Eisenbach and his wife came to New York instead.

A friend of Dr. Eisenbach's, another Holocaust survivor, was attending medical school at the University of Iowa; he encouraged the Eisenbachs to come to Iowa City. After a long two-day trip by bus, the Eisenbachs couldn't believe how beautiful and clean Iowa was and how nice the people were. He enrolled in the UI College of Dentistry, completed the required junior and senior years, and received his D.D.S. in 1955.

Dr. Eisenbach practiced dentistry in Cedar Rapids for 18 years; their three youngest sons were born in Iowa. When Irene developed health issues, they moved to Villa Park, California (Orange County) and Dr. Eisenbach practiced for 43 more years before retiring in 2015.

Today, at 94, he speaks to the public about his experiences during the Holocaust and advocates that his audience take steps to prevent and eliminate genocide.

One adage he overheard as a child, which sustained him during the Holocaust and still sustains him today, is "No matter how dark the clouds may be, the sun will break through."

Dr. Eisenbach's book is available through Amazon: Where You Go, I Go: The Astonishing Life of Dr. Jacob Eisenbach, Holocaust Survivor and 92-year-old Full-Time Dentist by Karen McCartney; CreateSpace Independent Publishing Platform, 2015.



The pictured donor recognition piece located inside the main entrance of the UI College of Dentistry and Dental Clinics recognizes those who made gifts of \$5,000 or more from 2008-2016 to the Transformation for Tomorrow campaign to renovate the Dental Science Building. Photo by Tom Kessler.

4,560 Alumni and Friends Gave \$29 Million to Support the University of Iowa College of Dentistry

For Iowa. Forever More: The Campaign for the University of Iowa Concludes as the Most Successful Fundraising Campaign in the History of the University and the State of Iowa

On February 6, 2017 the University of Iowa and the University of Iowa Foundation announced the successful conclusion of For Iowa. Forever More: The Campaign for the University of Iowa. More than 272,000 UI alumni and friends—enough to fill Kinnick Stadium nearly four times—contributed more than \$1.975 billion to help the UI remain at the forefront of education, research, and health care.

During the campaign, 4,560 donors contributed a total of \$29 million to the UI College of Dentistry, to help the college surpass its \$26.5 million goal. Donors gave to support a variety of initiatives, including more than \$10 million toward the Transformation for Tomorrow capital campaign to renovate and add on to the Dental Science Building and support student scholarships, faculty positions, research efforts, and programs.

“We are excited that our newly transformed building allows us to do great things in education, patient care, and research,” says Dean David Johnsen. “Our people, university and state give us the chance to be very good. But the extra support we get from alumni and friends helps us be among the very best—thank you!”

New funds established during the campaign benefit students, programs, and faculty throughout the College of Dentistry, including Dr. Daniel J. Caplan (DDS '88), who holds the Richard and Nancy Christiansen Professorship in International Oral Health Education and Research. This endowed professorship was established in 2013 through a generous gift from Richard and Nancy Christiansen (DDS '59) and (DH '56), respectively. The Christiansens created the fund to foster an international perspective

in oral health research and education at Iowa. With this money, Dr. Caplan, chair of the Department of Preventive and Community Dentistry, and his colleagues continue to develop diverse partnerships and a global view. In the three years since its inception, the collaborative educational opportunities afforded by the Christiansen Professorship fund are broadening the educational experience for faculty and students alike.

Dr. Caplan reports, “Thus far, the Christiansen Professorship has enabled our faculty and students to benefit from a range of collaborative experiences, including participating in community-based dental public health work in southern India, setting up research partnerships with a dental school in Western China, and funding research that aims to improve the lives of newborns in Nigeria. These initiatives have helped position the College of Dentistry as an important link between Iowa and the global community, and it is through private donations that these new connections develop and the college’s global influence continues to grow.”

The newly renovated facility and transformational gifts received during the campaign have positioned the College to fulfill its mission—to educate dentists for Iowa and beyond through excellence in patient care, education, and resources—at a new level. Thanks to its supporters, the future of the UI College of Dentistry is bright.

To learn more about how your private support can sustain and advance the mission of the UI College of Dentistry, please contact Katie Geiken at katie-geiken@uiowa.edu or at (319) 467-3807 or visit www.givetoioiowa.org/dentistry.

Right: September 2016 in Chongqing, China: Associate Dean for Research Dr. Brad Amendt, with colleagues Drs. Dan Caplan, Xi Chen, and Lui Hong, signing a Memorandum of Understanding between the UI and the Chongqing Medical University School of Stomatology.



Far right: December 2016: Professor Emeritus of Pediatric Dentistry Dr. Art Nowak, with students Shaun O'Neill (D4), Jenn Feingold (D3), Bethany Keane (D3), and Justin Mikesell (D3) on a community-based dental public health excursion in a small village outside of Pondicherry, India.



New Faculty as of January 1, 2016



MAGED ABDELAAL
Assistant Professor
Prosthodontics



**SINDHURA
ALLAREDDY**
Assistant Professor
Oral Pathology,
Radiology &
Medicine



ZEINA AL-SALIHI
Assistant Professor
Prosthodontics



MARCIA CAMPOS
Assistant Professor
Oral Pathology,
Radiology & Medicine



BRUNO CAVALCANTI
Associate Professor
Endodontics



HUOJUN CAO
Assistant Professor
Iowa Institute
for Oral Health
Research



HONG CHEN
Assistant Professor
Preventive &
Community Dentistry



GREGORY FARRIS
Assistant Professor
Clinic
Administration &
Patient Care



BRIAN HOWE
Assistant Professor
Family Dentistry



ADITI JAIN
Assistant Professor
Operative Dentistry



**THEODOROS
KATSAROS**
Assistant Professor
Periodontics



KARI MAAS
Clinic Administration
& Patient Care



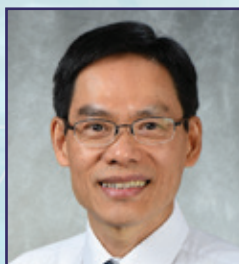
AHMED MAHROUS
Assistant Professor
Prosthodontics



SAULO SOUSA MELO
Assistant Professor
Oral Pathology,
Radiology & Medicine



JOHN SYRBU
Assistant Professor
Family Dentistry



KEVIN TSENG
Associate Professor
Prosthodontics



CRISTINA VIDAL
Assistant Professor
Operative Dentistry

Making a Difference

The College of Dentistry makes a difference in teaching, research, patient care, and outreach, which is reflected in the recognition we have received for several areas. Here is a starter list:

Education

- The College was second in the country in papers published in the *Journal of Dental Education* (JDE) in 2016 – the second time we have received this honor in three years. In addition, two of the top ten papers in JDE in 2016 were co-authored by Iowa faculty.
- We consider ourselves a leader in dental education, with an excellent dental education curriculum, varied clinical opportunities for dental students, and national peer recognition. Because of this recognition, the College was invited to submit an editorial on critical thinking to the *Journal of the American Dental Association* (JADA); the editorial appeared in September 2016.

Research

- The College secured over \$6 million in external funding in 2016 in a variety of research areas: craniofacial biology, immunology and inflammation, tissue engineering, biomaterials, fluoride, and health policy research.
- The College received a \$590,000 grant from the Roy J Carver Foundation to establish a biorepository. This will be invaluable with the forthcoming emphasis on personalized/precision medicine.
- The College was third nationally in the number of presentations at the 2017 American/International Association for Dental Research annual session in San Francisco, CA.

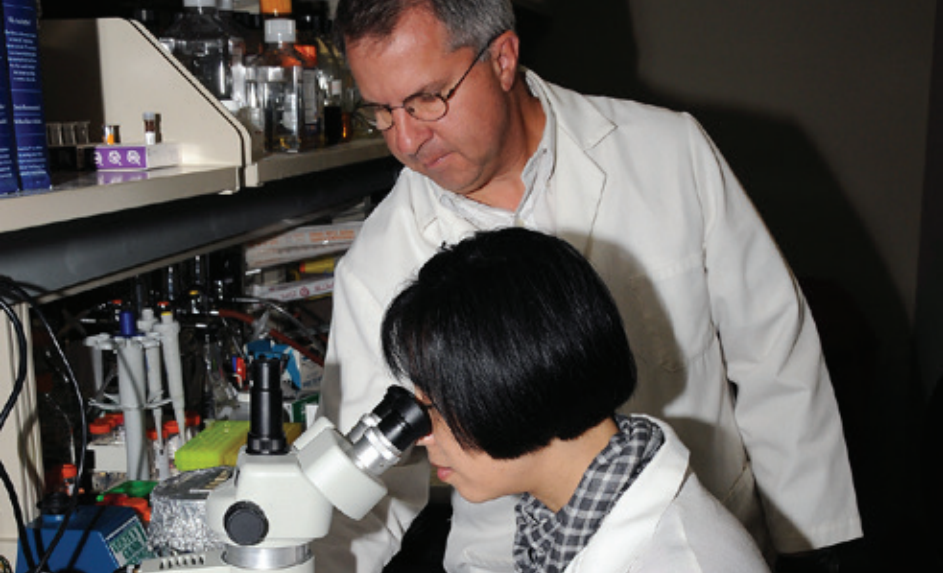
Patient Care

- In 2016, the College of Dentistry and Delta Dental of Iowa received the William J Gies Award for Outstanding Innovation by a Public or Private Partner from the American Dental Education Association for establishing a program for adult Medicaid expansion centered on patient responsibility.
- The College was fifth among dental schools nationally in total clinic activity – and we are far from the largest dental school. In addition to providing services to people from a wide spectrum of backgrounds, the 160,000 patient visits annually offer outstanding experiences for our students.

Outreach

- In 2016, the College received the Underserved Champion Award from the Iowa Primary Care Association for reaching out to those in need of care. A variety of programs including geriatrics, pediatrics and general dentistry contributed to this recognition.
- The \$65 million Building Transformation was completed in April 2016, on time and just under budget. More than one thousand alumni and friends contributed to the project. We also had great support from the University, the Iowa Board of Regents, and the state government.





Group home dental outreach: screenings, education and referral with follow-up for Forest City residents with intellectual disabilities.

FACULTY news

Fabricio Teixeira, DDS, MS, PhD, chair, endodontics, attended the 2016 Department Chairs Workshop: Effective Leadership of an Endodontic Department. One of eight invited speakers, he presented “Didactic Education.”

Veerasathpurush Allareddy, BDS, MBA, MHA, PhD, MMSc, orthodontics, received a one-year, \$30,000 grant from the American Association of Orthodontists Foundation for his project, “Outcomes of Severe Class II Division I Malocclusions Treated with Non-Surgical Orthodontic Treatment Approaches: A Pilot Study to Explore the Viability of Orthodontic Practice-Based Research Networks.”

Saulo Sousa Melo, DDS, MSD, PhD, MS, oral pathology, radiology & medicine, successfully completed the American Board of Oral & Maxillofacial Radiology’s (ABOMR) certifying examination and is now a diplomate of the ABOMR.

Steven Levy, DDS, MPH, preventive and community dentistry, is continuing his seventh year serving on the National Fluoride Advisory Committee (NFAC) of the American Dental Association’s (ADA) Council on Access, Prevention and Inter-professional Relations (CAPIR). The NFAC advises CAPIR and the ADA on matters related to communication water fluoridation and other aspects of fluoride use in public and private programs. Dr. Levy also received a one-year extension of a collaborative NIDCR grant award, “Fluoride, Dietary and Other Factors Related to Young Adult

Bone Measures and Dental Caries.” He has also begun serving on the Dental Public Health (DPH) Review Committee, Commission on Dental Accreditation (CODA).

Richard Burton, DDS, MS, oral and maxillofacial surgery, became president of the American Board of Oral and Maxillofacial Surgery (ABOMS). This one-year commitment represents the seventh out of eight years of service with the ABOMS Board of Directors.

Cheryl Straub-Morarend, DDS, family dentistry, and **Teresa Marshall**, PhD, preventive & community dentistry, received the American Dental Association/American Association for Dental Research Evidence-Based Dentistry Award.

Raymond Kuthy, DDS, MPH, preventive & community dentistry, recently completed his four-year term on the Dental Public Health (DPH) Review Committee, Commission on Dental Accreditation (CODA).

Liu Hong, MD, MS, PhD, dental research and prosthodontics, received a two-year, \$409,697 NIH grant for his research project, “A MicroRNA-based Approach for Bone Regeneration.”

Susan McKernan, DMD, MS, PhD, preventive & community dentistry, received a one-year, \$174,999 Special Interests Projects grant from the Centers for Disease Control and Prevention for studies to conduct an environmental scan of what is currently occurring within state and local governmental and non-

profit publication health entities surrounding oral health and chronic disease prevention.

Arwa Owais, BDS, MS, pediatric dentistry, was elected as a North American Regional Councilor for the International Association of Dental Research Pediatric Oral Health Research Group.

William Johnson, DDS (’75), MS (’81), endodontics, was nominated to serve a four-year term as a member of the American Board of Endodontics (ABE) Review Committee on Endodontics Education.

Deborah Dawson, ScM, PhD, director of biostatistics and research design, and pediatric dentistry, was awarded the Teaching of Statistics in the Health Sciences 2016 Joint Statistical Meeting Best Presentation Award. She presented “Didactic Exercises for Teaching Meta-Analysis to Students in the Health Sciences.”

Richard Williamson, DDS, MS, prosthodontics, attended the International College of Dentists (ICD) Board of Regents meeting as the regent for the ICD USA Section District 10. Cheryl Straub-Morarend, DDS, attended the meeting as the deputy-regent from Iowa in District 10.

Liu Hong, MD, MS, PhD, dental research and prosthodontics; **Dan Caplan**, DDS (’88), PhD, chair, preventive & community dentistry; **Xi Chen**, DDS, PhD, preventive & community dentistry; and **Brad A. Amendt**, PhD, associate dean for research, visited Chongqing Medical Univer-

sity’s School of Stomatology in Chongqing, China. Their trip was an effort to establish potential research and educational collaborations with the school.

Richard Burton, DDS; **Steven Fletcher** DDS (’06); **Kirk Fridrich**, DDS; and **Kyle Stein** DDS (’09), all oral & maxillofacial surgery, were named as fellows by the American College of Surgeons (ACS). Prior to their induction, fellowship status in the ACS were reserved for oral & maxillofacial surgeons having both MD and DDS degrees.

Justine Kolker, DDS (’96), MS (’00), PhD (’03), operative dentistry; **Steve Armstrong**, DDS (’87), PhD (’98), chair, operative dentistry; **Marcela Hernandez**, DDS, MS, family dentistry; and **Marcos Vargas**, DDS, MS, family dentistry, were amongst a group of faculty who created an initiative to recognize operative dentistry as a special interest area in general dentistry. Their efforts were successful during the annual American Dental Association (ADA) meeting when the ADA House of Delegates adopted Resolution 19H-2016.

Christopher Squier, MA, PhD, DSc, dental research and oral pathology, radiology & medicine, received the 2016 American Cancer Society (ACS) Volunteer Award for his work with the ACS and the Iowa ACS Cancer Action Network. Dr. Squier’s research has focused on the adverse effects of tobacco and its relationship with oral cancer.

Steven Vincent, DDS, MS, chair emeritus of oral pathology, radiology & medicine, has been named by the American Dental Association Joint Commission on National Dental Examinations to the Committee for the Integrated Examination. He has also been appointed by the Commission to the Ad Hoc Committee on Practice Analysis Methodology.

Gustavo Avila-Ortiz, DDS, MS, PhD, periodontics, received an \$82,500 Osteogenics Biomedical Research Grant for his study, "Clinical, Radiographic and Histologic Evaluation of a Novel Alveolar Ridge Reconstruction Approach in Post-Extraction Dehiscence Defects: A Case Study Series." Dr. Marian Antonious, a periodontics resident; Dr. Georgia Johnson, chair, periodontics; Dr. Chris Barwacz, family dentistry and dental research; and Dr.

Veeratrishul Allareddy, oral pathology, radiology and medicine, are co-investigators.

Matthew Geneser, DDS ('06), pediatric dentistry, and pediatric dentistry residents Megan Rohman, Amy Lesch and Nicole Youngers, were in Washington, D.C., to participate in the American Academy of Pediatric Dentistry (AAPD) 2017 Public Policy Advocacy Conference. The group also met with Iowa Lawmakers to promote pediatric oral health.

Paula Weistroffer, DDS ('02), MS ('07), and **Gustavo Avila-Ortiz**, DDS, MS, PhD (both periodontics), attended the 60th annual meeting of the Midwest Society of Periodontology (MSP), which was held in Chicago. Dr. Weistroffer was this

year's meeting president. Dr. Avila-Ortiz is a council member and serves on the MSP board along with Drs. Weistroffer and Michael Franzman, DDS ('04), MS ('08).

Natalia Restrepo-Kennedy, DDS, MS, operative dentistry, received the Class of 2020 Faculty of the Year Award.

Maged Abdelaal, BDS, MDS, MS, prosthodontics, received the Class of 2019 Faculty of the Year Award. Dr. Abdelaal also received the Class of 2017 Faculty of All Four Years Award.

David Bohnenkamp, DDS ('79), MS, prosthodontics, received the Class of 2018 Super Block Faculty of the Year Award.

Nidhi Handoo, BDS, MS, oral pathology, radiology & medicine, received the Class of 2018 Non-Super Block Faculty of the Year Award.

Leo Marchini, DDS, MSD, PhD, preventive & community dentistry, received the Class of 2017 Extramural Faculty of the Year Award.

Ana Arnold, DDS, MS, family dentistry, received the Class of 2017 Family Dentistry Faculty of the Year Award.

Jim Harris, DDS ('79), adjunct in family dentistry, received the Class of 2017 Adjunct Faculty of the Year Award.



STUDENT news

Dr. Lyubov Slashcheva, dental public health resident and geriatric and special needs dentistry fellow, received \$10,000 from the American Association of Public Health Dentistry – Herschel Horowitz Fellowship Award. Lyubov and **Lydia Rodriguez** (D1) performed with the UI Faculty/Staff Orchestra at the UI Hospitals & Clinics over lunch hour on December 7.

Dr. Michael Nick, an oral & maxillofacial resident, presented “Does the Time of Day Impact the Amount of Intravenous Anesthesia Required for Third Molar Extractions?” during the American Association of Oral & Maxillofacial Surgeons meeting.

Alison Schell (D3) and **Leah Barshinger** (D2) were selected to attend the 2016 Hinman Student Research Symposium in Memphis, Tennessee.

Paula Gomez (D3) received a \$2,000 Colgate-Palmolive scholarship from the Hispanic Dental Association Foundation during the Greater New York Dental Meeting in New York City.

Dr. Tariq Ghazal, a PhD candidate in oral science, received a UI Ballard and Seashore dissertation fellowship with a one-semester stipend of \$10,000.

Hayley Rinehart (D4) attended the ADA/Dentsply Student Clinician Research Program in Denver, Colorado.

Kristina Halbur, **Sheldon Stender** and **Nathan Goodson-Gregg** (all D1s)

were selected to participate in the Rural Dentists Program. They will be eligible for shadowing experiences as a D1 and D2 with a rural dentist, will receive mentoring by a rural dentist during their four-year schooling, complete a project in a rural community during their third year, and will be placed in one or more rural communities during their fourth year of schooling. Each student will receive a \$15,000 collegiate loan with 0% interest during each year of schooling, if they show need, and assuming there is satisfactory academic and professional progress. If they choose to practice in an Iowa small town or rural area with fewer than 10,000 people that is designated as a dental health professional shortage area (HPSA) by the Health Resources and Services Administration, \$15,000 of the loan balance will be forgiven for each year they remain in the area, up to a total of \$60,000.

Elaine Boosalis (D2), **Elliott Glenn** (D3), **Sarah McGowan** (D2), and **Tara Sears** (D2) are participating in the American Dental Education Association Academic Dental Careers Fellowship Program (ADCFP), which provides dental students and residents the opportunity to become involved in an academic setting by providing structured mentoring and insight into the life of an academic dental faculty. Dr. Erica Teixeira, operative dentistry, is the ADCFP liaison for the collegiate program.

Shaun O'Neill (D4) received recognition for serving on the National Advisory Board for Professional Protector Plan during the recent American Student Dental Association (ASDA) District 8 meeting, which was held in Des Moines. Approximately 85 people attended from the Universities of Iowa, Minnesota, Nebraska, Missouri-Kansas, Missouri-Kirkville, and Creighton University. Other Iowa College of Dentistry students who attended included **Rebecca Schneider** (D1), **Thanh Nguyen** (D1), **Samantha Resnick** (D2), **Dan Malloy** (D1), **Elaine Boosalis** (D2), **Erica Recker** (D3), **Logan Sardzinski** (D1), **Taylor Postler** (D3), **Donte Nesbitt** (D1), **Sean Harvey** (D4), and **Alison Schell** (D3).

Alison Christiansen (D4), **Brooke Brown** (D2) and **Paige Jones** (D1) assisted and co-taught during the February 11 Girls Go STEM event. The College of Dentistry hosted 40 junior high girls who chose four UI departments, including the College of Dentistry, to rotate through. Dr. Natalia Restrepo-Kennedy, Operative Dentistry, led the four interactive sessions.

Wenjie Yu, a PhD candidate in Associate Dean for Research Brad A. Amendt's lab, received the International Association for Dental Research (IADR) Bernard Sarnat Award in Craniofacial Biology, senior division. His annual AADR/IADR meeting presentation was “Pitx2 Controls DESC Proliferation and Differentiation

by Targeting the Dental Epithelial Signaling Center.” Wenjie also won the University of Iowa Teaching Award.

Joshua Colvin (D2), **Logan Sardzinski** (D1), **Taylor Cook** (D3), **Erik Blomquist** (D3), **Shelby Perkins** (D2), **Bethany Keane** (D3), **Sophia Ringsdorf** (D4), and **Shelby Tesar** (D3) attended the Midwest Annual Regional Meeting for Delta Sigma Delta Dental Fraternity, which was held in Minneapolis, Minn. Josh Colvin won the research poster contest award for his presentation, “Systematic Review of Factors Associated with Conventional Complete Denture Dissatisfaction and Intolerance.” Co-authors included Dr. Deborah Dawson, biostatistics; Derek Blanchette, biostatistics; C. Childs, Hardin Library; and Dr. Leo Marchini, preventive & community dentistry. Drs. Dawson and Marchini are Joshua's mentors.

Dental Public Health Club members gave screening and varnish to Legacy Senior Living residents. Members include **Erika Takanami** (D1), **Colleen Iverson** (D1), **Lydia Rodriguez** (D2), **Sophia Chen** (D3), **Caitlin Miller** (D4), **Alyssa Spilski** (D1), **Monica DeCarlo** (D1), **Yessica Escutia** (D4), **Jennifer Feingold** (D3), **Bailey OBrien** (D1), and **Flora Yen** (D1). Dr. Steve Levy, preventive & community dentistry, is the club's advisor.

The two-day American Student Dental Association (ASDA) District 8 Meeting was held in Des Moines. Approximately 85 people attended from the Universities of Iowa, Minnesota, Nebraska, Missouri-Kansas City, Missouri-Kirkville, and Creighton University. Iowa dental student attendees included **Rebecca Schneider** (D1), **Thanh Nguyen** (D1), **Samantha Resnick** (D2), **Dan Malloy** (D1), **Elaine Boosalis** (D2), **Erica Recker** (D3), **Logan Sardzinski** (D1), **Taylor Postler** (D3), **Donte Besbitt** (D1), **Sean Harvey** (D4), **Shaun O'Neill** (D4), and **Alison Christensen** (D3).



Dental Public Health (DPH) Club members gave screenings and varnish to residents of Legacy Senior Living. Top row, left to right: Erika Takanami (D1); Dr. Steve Levy, Preventive & Community Dentistry (advisor); Colleen Iverson (D1); Lydia Rodriguez (D2); and Sophia Chen (D3); Caitlin Miller (D4).

Bottom row, left to right: Alyssa Spilski (D1); Monica DeCarlo (D1); Yessica Escutia (D4); Jennifer Feingold (D3); Bailey O'Brien (D1); and Flora Yen (D1).



On February 9, 2017, in conjunction with the American Dental Association's National Children's Dental Health Month, Governor Terry Branstad signed a Children's Dental Health Proclamation. Dean David Johnsen and Drs. Matt Geneser, Zach Percival (resident) and Reem Oweis (resident), all Department of Pediatric Dentistry, attended the event.



ALUMNI news

Larry Alquist DDS ('71) retired from private practice on September 1, 2016 after 45 plus years in Hampton, IA.

David Johnson DDS ('74) elected president of the Montana Board of Dentistry and was appointed to the board by the governor of Montana in 2007.

Clifford Cornelius DDS ('80) retired from full-time private practice in oral and maxillofacial surgery in August 2016. Now is practicing part-time in community institutions and volunteer organizations.

David Smith DDS ('81) selected by the masters golf tournament committee to be a gallery guard for the 2017 Masters Tournament. Was assigned to hole #2 and is his fourth year of volunteering. Besides being in the mix with the best golfers in the world, will be invited back in May to play Augusta National.

Edward Dye DDS ('08) moved from Ottumwa, IA to Cedar Rapids/Marion, IA, to practice. Excited for a new adventure with wife Sarah and 3 small children.



Joe Uker DDS ('11) first baby boy, Odin Lyric Uker born in August 2016. Has been elected as an executive officer for the La Crosse District Dental Society, WDA delegate, WDA Trustee, and ADA alternate delegate for 2017. Serves as the Dental Director of the Smiles to Schools program, put on by the La Crosse County Public Health Department, providing care to the underserved youth of La Crosse County. Performed the National Anthem in Kinnick Stadium for the first Grapple on the Gridiron wrestling meet in November 2015 (above). (see the live performance at www.ukertunes.com)

Audrey (Roof) Uker DDS ('11) certified to provide pediatric conscious sedation and passionate about providing pediatric care.

In memoriam

DDS 1939: **Milton Ullman** of La Jolla, CA, died September 17, 2016.

DDS 1940: **Elmer Rizk** of Sioux City, IA, died December 18, 2016.

DDS 1942: **Irving Goldston** of Peabody, MA, died August 27, 2016.

DDS 1943: **John Kepper** of Salisbury, NH, deceased date unknown.

DDS 1945: **Dwight Newman** of Durham, NC, deceased date unknown.

DDS 1947: **Obed Berg** of Sun City, AZ, died February 1, 2010.

DDS 1947: **Donald Schulze** of Bow Mar, CO, died September 16, 2016.

DDS 1948: **M. Hyman Hodish** of Westport, CT, died July 31, 2014.



Dr. Georgina Dodge, UI chief diversity officer, and Dr. Judy Greenlea Taylor, DDS ('91), current president of the National Dental Association (NDA). Dr. Greenlea Taylor gave a presentation at the College of Dentistry during Human Rights Week.



Left to right: CAPT Michael B. McGowan, USNR and CDR William J. Lyons, USN (ret.), Class of 1988, taken at Dr. Lyons's home in La Jolla, California. Both served in Afghanistan at the same time.



DDS 1950, MS Cert. Ortho 1951: **Robert Geiger** of Cape Coral, FL, died March 29, 2017.

DDS 1950: **Loy Julius** of Merced, CA, died February 10, 2017.

DDS 1951: **Joe Craven** of West Des Moines, IA, died September 23, 2016.

DDS 1951: **John Gilbertson** of West Des Moines, IA, died February 2, 2017.

DDS 1951, MS Cert. Ortho 1952: **Marion Kercheval** of Aurora, CO, died December 17, 2015.

DDS 1951: **Donald Lundquist** of Harlem, GA, died December 17, 2016.

DDS 1952: **Calvin Thompson** of Evergreen, CO, died April 28, 2016.

DDS 1953: **Curtis Layton** of Montrose, CO, died February 2, 2017.

DDS 1955: **Lynn Healy** of El Paso, TX, died November 3, 2016.

DDS 1956: **Clement Eagan** of Bryan, TX, died September 22, 2016.

DDS 1956: **Kenneth Martin** of Peoria, AZ, died March 13, 2017.

DDS 1956: **Leslie Young, Jr.**, of Overland Park, KS, died April 14, 2017.

DH 1956: **Theresa Foulke** of Hartford, IA, died February 7, 2017.

DDS 1957: **Dan Gholson** of Marion, IA, died March 18, 2017.

DDS 1958: **J. Thomas Washburn** of Palm Desert, CA, died February 4, 2017.

DH 1958: **Roberta Carothers** of Naperville, IL, died February 15, 2017.

DH 1958: **Marilyn Petree** of Overland Park, KS, died January 15, 2017.

DH 1958: **Martha Stephens** Martens of Murfreesboro, TN, died January 17, 2015.

DDS 1961, MS 1966: **Ernest Light** of Aurora, CO, died September 21, 2016.

DDS 1962: **George Shey** of Webster City, IA, died February 4, 2017.

DDS 1963: **Paul Bonstead** of The Villages, FL, died August 2, 2016.

DDS 1964: **Carter Holman** of North Sioux City, SD, died October 18, 2016.

DDS 1964: **Jay Swartzwelter** of Boulder, CO, died March 1, 2017.

DDS 1966, MS Periodontics 1973: **Paul Collins** of Iowa City, IA, died January 25, 2017.

DDS 1966: **Lumir Dedic** of New Hampton, IA, died May 7, 2017.

DDS 1966: **George Ritson, Jr.**, of Muscatine, IA, died January 7, 2017.

DDS 1968: **David Sonksen** of Fort Dodge, IA, died December 14, 2016.

DDS 1969: **Thomas Bennett** of West Union, IA, died November 21, 2016.

DDS 1969: **Ronald Edwards** of Saint Paul, MN, died November 5, 2016.

DDS 1969: **Michael Hollen** of Waterloo, IA, died March 24, 2017.

DDS 1971: **Robert Ahrenkiel** of Mesa, AZ, died November 30, 2016.

DDS 1971: **Roger Allan** of Colorado Springs, CO, died April 22, 2014.

DDS 1971: **John Work** of Windsor Heights, IA, died March 27, 2017.

MS Perio 1975: **William Grigsby** of Denver, CO, died January 1, 2017.

DH 1975: **Cynthia Alexander** of Washington, IL, died December 1, 2016.

DH 1975: **Susan Saforek** of Lees Summit, MO, died October 13, 2016.

DDS 1976: **Robert Pattalochi** of Casper, WY, died November 18, 2016.

DDS 1984: **Van Johnson** of Logan, UT, died April 23, 2017.

DDS 1985: **Daniel Beer** of Normal, IL, died April 7, 2017.

DDS 1995: **Fatemeh Jabbari** of Muscatine, IA, died November 26, 2016.

Faculty:

Frank Kohout of Coralville, IA, died November 22, 2016.

Hermine McLeran of Coralville, IA, died November 17, 2016.



THE UNIVERSITY OF IOWA

The Dental Link

College of Dentistry

Dental Science Building

Iowa City, Iowa 52242-1010

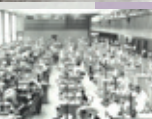
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www.dentistry.uiowa.edu

historical IMPRESSIONS



Courtesy of UI
Special Collections



Advancements in Dentistry at Iowa over the Years

South Hall (1882): The new dental department is composed of two rooms in South Hall. One first-floor large room is both the infirmary and the lecture room. The dental laboratory in the basement includes “two pedestal lathes, two vulcanizers, and several pairs of extracting forceps.” The basement, a former medical department dissecting room, is described as “steaming hot, with no proper ventilation.” The 1894 *Report of the Board of Regents* characterize the room as “both unwholesome and inadequate ... [and] ... several times has been abandoned as dangerous to health ...” Because of this and space issues, the state of Iowa approves a new dental building in 1894.

Old Dental (1895): The first dental building has much more space and is initially described as being “modern and well equipped.” In a 1908 *Iowa Alumnus* article, however, the building is reportedly “unevenly heated and ventilated” and extra lights have to be held in position by one student on cloudy days so another student can treat a patient. Dust from plaster of Paris and polishing contributes to continuous fine dust in the clinic. There is no satisfactory facility for sterilizing instruments, either.

Trowbridge Hall (1917): In 1915, the construction of a new, modern dental building is approved and completed by fall 1917. The new building is described as having “gas, electricity, hot and cold water, and compressed air, a sterilizing room ... [and] an x-ray room ...” Each operatory unit includes “a chair, a cabinet, a spiral flush spittoon, an aseptic bracket table, and attachments for compressed air, water, gas, and electricity.” This equipment reflects advancements in dentistry during this time.

DSB (1973): After 55 years in Trowbridge, the dental college moves into the Dental Science Building on the health sciences campus. The interior provides a modular design, adaptable for future changes. The college includes one of the first dental pharmacies in the U.S. It establishes a geriatric mobile unit program in 1979 and the special care clinic in 1985. Dental technology innovations over the years include new types of filling materials; dental implants; digital radiography; computer-aided design and computer-aided manufacturing (CAD/CAM) for bridges, crowns, etc.; 3-D printing; lasers; and intraoral cameras.