

T H E D E N T A L L I N K

The University of Iowa College of Dentistry & Dental Clinics **Alumni News** Summer 2016

Iowa Alumni Continue to Lead

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Dr. Judy Greenlea-Taylor is President of the National Dental Association

Dr. Judy Greenlea-Taylor (DDS '91) became president of the National Dental Association (NDA) for 2016.

As an Iowa dental student, Judy Greenlea-Taylor received the Dean's Leadership Award in 1988, 1989, and 1990. From 1989-1990, she was President of the Student National Dental Association (SNDA). In 1989, Judy attended the SNDA national meeting as a student representative and was elected national recording secretary and regional coordinator for Region 2. In 1990, she also attended the SNDA national meeting. That same year, Judy presented "Hemostatic Agents Used in Surgical Procedures" at the College of Dentistry's Local AADR Research Day.

Dr. Greenlea-Taylor is past president of the North Georgia Dental Society (Atlanta chapter of the NDA). She was appointed by Georgia Governor Deal to the Georgia Board of Public Health and serves as the only dentist on the board. She also has worked with local and national leaders to promote awareness of disparities in healthcare.

Dr. Greenlea-Taylor has practiced dentistry in the public and private sectors for 22 years; she currently maintains a private practice in Union City, GA.



Dr. Kathryn Kell is President-Elect of the Federation Dentaire Internationale

Dr. Kathryn Kell ('79 DDS) has been elected president-elect of the Federation Dentaire Internationale (FDI), an organization of nearly 200 worldwide dental associations and specialist groups.

Dr. Kell received her BA and DDS ('79) from the University of Iowa. Since then, she has been in private practice in Davenport, Iowa. After receiving an MA in health care administration from St. Ambrose University, she became closely involved with the FDI.

She has served as treasurer for the FDI and has been a member of the FDI Executive Committee. Dr. Kell is a past FDI Council member as the liaison for North America, and as a former chair of the FDI's Education Committee, she was responsible for running the FDI annual international congress. She has also served on the FDI Science Committee and the FDI Strategic Planning sessions. Dr. Kell will be installed as president in Madrid in 2017.

Dr. Kell is an avid University of Iowa and UI College of Dentistry supporter. She is a member of the President's Club and has been a member of the UI Dental Alumni Association Board. From 2010-2011, Dr. Kell was chair of the UI Alumni Association. She has also served on several College of Dentistry campaign committees.

In 2012, Dr. Kell received the UI Dental Alumni Association and College of Dentistry 2012 Alumna of the Year Award and will receive the UI Dental Alumni Association and College of Dentistry 2016 Leadership Award in September.



ALUMNI news

In memoriam

DDS 1940: **Vernon Boddicker** of Phoenix, AZ, died May 18, 2012.

DDS 1943: **John Trevarthen** of Honolulu, HI, died November 15, 2015.

DDS 1947, MS 1954: **Gerald Ivancie** of Littleton, CO, died January 1, 2016.

DDS 1948: **Daniel Barry** of San Francisco, CA, died January 1, 2016.

MS Ortho 1948: **Joseph Bauer** of El Cajon, CA, died December 30, 2015.

DDS 1949: **James Cross** of Calpine, CA, died July 3, 2003.

DDS 1950: **Alfred Bothell** of Navasota, TX, died December 15, 2007.

DDS 1952: **Merle Bean** of Albuquerque, NM, died January 31, 2016.

DDS 1952: **Ellsworth Butler** of Littleton, CO, died August 28, 2015.

DDS 1952: **Jacob Hotz** of Strawberry Point, IA, died April 5, 2016.

DDS 1953: **Alan Hathaway** of Bettendorf, IA, died April 7, 2016.

DDS 1954, MS Oral Surg 1956: **John Peterson** of Burlington, IA, died April 9, 2016.

DDS 1955: **Dirk Jecklin** of Washington, DC, died February 3, 2016.

DH 1955: **Iris Russell** of San Diego, CA, died June 17, 1981.

DDS 1957: **Stevan Mowrey** of Cedar Rapids, IA, died December 7, 2015.

DDS 1957: **Alicija Ruibys** of Palos Heights, IL, died December 28, 2015.

DH 1957: **Barbara Fleming** of Denver, CO, died February 7, 2012.

DDS 1958: **Charles Johnson** of Waukegan, IA, died January 5, 2016.

Cert. Oral Surg 1959: **John Montgomery** of Iowa City, IA, died March 6, 2016.

DDS 1959: **Milo Novotny** of Sequim, WA, died September 16, 2015.

DH 1959: **Patricia Saad** of Peoria, IL, died April 1, 2016.

DDS 1960: **Richard Risk** of Lewisville, TX, died October 25, 2012.

DDS 1961: **Paul Frazier** of Boulder, CO, died February 11, 2016.

DDS 1962: **William Idema** of Sioux Falls, SD, died July 9, 2015.

DDS 1962: **Richard Sagers** of University Place, WA, died December 24, 2015.

DH 1963: **Julia Carpenter** of Howard, OH, died December 3, 2015.

DDS 1964: **Frederic Borden** of Santa Barbara, CA, died November 17, 2015.

DH 1965: **Karen Mathews** of Sturgeon Bay, WI, died November 22, 2015.

DDS 1966: **Wayne Prall** of Urbandale, IA, died February 18, 2016.

DDS 1970: **Billy Estes** of Sioux Center, IA, died November 21, 2015.

MS Cert. Oral Surg 1973: **Gerald Huffman** of Cave Creek, AZ, died November 30, 2015.

DDS 1977: **Daniel Stoltze** of Boone, IA, died November 10, 2015.

DH 1979: **Peggy Brockel** of Santa Barbara, CA, died November 14, 2015.

DDS 1981: **Frederick Liewehr** of Mechanicsville, VA, died January 22, 2016.

DDS 1985: **Charles Gessner** of Calmar, IA, died September 4, 2015.

DDS 1985: **Mary Ann Navitsky** of Sitka, Alaska, died November 28, 2015.

Cert. 1991: **Dale Dupuis** of Lafayette, LA, died April 12, 2010.

Find us on
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Amy Kanellis, wife of Mike Kanellis, associate dean for patient care, acquired Herky as a young girl following the 1959 Rose Bowl Parade and game. Her father was a Big 10 representative. When the Rose Bowl director asked four-year-old Amy if she would like a souvenir, she requested Herky, which stood atop the UI Rose Bowl Parade float. She has kept it ever since.

To read the KWWL TV story about Amy's 1959 Herky, go to: (www.kwwl.com/story/30833508/2015/12/26/1959-rose-bowl-herky-on-display-for-first-time-thanks-to-local-woman)



(Above, left to right): Maeve Dunne, Dr. James Dunne, former faculty (MS '99, prosthodontics); Kevin Collins, UI Foundation; Dr. Jean Treder (DDS '86, MS '92, orthodontics); Lizzy Warren; Dr. Therese Ryan (DDS '94); Dr. John Warren (DDS '86, MS '91, dental public health), Department of Preventive and Community Dentistry; and Clare Dunne during the Iowa Reception in Pasadena.



(Above, left to right): Dean David Johnsen; Sue Curry, dean of the College of Public Health; UI President Bruce Harreld; and Don Letendre, dean of the College of Pharmacy, during the Iowa Reception in Pasadena.

Richard Haw ('55 DDS) retired on September 9, 2009. Enjoys loafing, reading and travel and has five grandchildren and one great-grandson. His hobby is missionary dentistry.

Edward Karl ('62 DDS) became a fellow in the International College of Dentists, American College of Dentists and Pierre Fauchard Academy. His recent paper, "A Case Report of Pharmacovigilance for Dentist to Participate in Drug Safety Programs" was recently accepted by NIH for their library.

Kathryn Kell ('79 DDS) became president-elect of the Federation Dentaire International (FDI), an organization of nearly 200 worldwide dental associations and specialist groups, representing more than 1 million dentists internationally.

James Q. Swift ('80 DDS), received the 2015 Robert V. Walker Distinguished Service Award during the annual meeting of the American Association of Oral and Maxillofacial Surgeons.

Brad Barnes ('85 DDS) was named president of the Illinois State Dental Society at their annual session in November 2015.

Cynthia Lea Hardin Hipp ('88 DDS) was president of the American Board of Pediatric Dentistry from May 2015 – May 2016 and serves as and serves as program director of pediatric dentistry and interim department chair of pediatric dentistry and orthodontics at the Medical University of South Carolina.

Jeff Dahm ('91 DDS) was awarded "The Dr. Robert Gerety Outstanding Clinical Case of the Year" by the American Orthodontic Society annual meeting in 2015.

Judy Greenlea-Taylor ('91 DDS) became president of the National Dental Association.

Jon Ryder ('96 DDS) was promoted to Executive Associate Dean at the University of New England College of Dental Medicine.

Jie Yang ('96 MS and certificate, oral and maxillofacial radiology), became president-elect of the International Association of Dento-Maxillofacial Radiology.

Chad Allen ('15 DDS) is chief resident at Texas A&M Baylor College of Dentistry, Department of Endodontics.

Dr. Dan Kegler Receives the 2015 Dental Alumnus of the Year Award



Dr. Dan Kegler grew up in Independence, Iowa and graduated from St. John High School in 1967. He attended the College of St. Thomas in St. Paul, MN, and graduated in 1971 with a BA in biology.

Dan was accepted to dental school at Iowa. His dental class was “young, ambitious, and wild,” he says. This was the 1970s during the Vietnam War, anti-war protests, rock music, etc. He remembers an accident in the lab when some denatured alcohol was spilled on the countertop and it caught on fire. “It was a crazy class,” he remembers. The classmates also bonded during Hawkeye football games. “It helped build camaraderie.”

In 1975, Dr. Kegler graduated from the University of Iowa College of Dentistry with his DDS degree and then completed a one-year general practice residency at the VA Hospital in New Orleans, LA in 1976.

Dan Kegler returned to Independence to enter into general practice with his father, Dr. A.G. Kegler (DDS '42), and later formed Kegler, Kegler & Arend, DDS PC when Dr. John Arend (DDS '82) joined the practice in 1984. In 2011 Dr. Kegler's son, Brad (DDS '10), joined the practice.

During the nearly 40 years that Dan Kegler has been practicing, his clinic has been renovated three or four times. Although the Keglers originally owned half of the building, they eventually were able to purchase the entire structure. Because of this expansion,

the clinic increased in size from 4 chairs to 14. There is also now a conference room and digital x-ray with a total of 3 dentists, 4 dental hygienists (one is part time) and 10-12 dental assistants.

Dr. Kegler has witnessed the dramatic evolution of dentistry over the years with the advent of computers, composite resins, dental implants, digital imaging, and intraoral pictures. “You can even encrypt and e-mail x-rays,” he says. “I love what I'm doing; the best is yet to come.”

Like his father, Dr. Kegler has served as president of the Independence Parks and Recreation Department, has been a member of the Lions Club, American Red Cross, and the Mustang Foundation Board. He also coached numerous youth baseball teams, serving as coach and business manager of the Buchanan County American Legion baseball team for 11 seasons. He is a member of the St. John Catholic Church and the Knights of Columbus.

Dr. Kegler was selected as Business Person of the Year by the Independence Chamber of Commerce in 2013.

Dr. Kegler is actively involved in organized dentistry, completing two terms on the IDA Board of Trustees (1996-2002). In May 2013, he completed his term as the president of the Iowa Dental Association (IDA). He has also served as the president of the Iowa Dental Foundation, the charitable arm of the IDA, which sponsors the Foundation's annual Mission of Mercy (IMOM). He has participated in the Mission of Mercy since its inception in 2008. Dr. Kegler serves in numerous other dental and professional organizations, including the University of Iowa Alumni Board, the American College of Dentists, the International College of Dentists, and the Pierre Fauchard Academy. In addition, he served as past chair of the IDA Peer Review Committee.

Dan Kegler has been married to his wife, Vicki, for 44 years and they have three adult children. Their oldest son, Brian, lives in Ann Arbor, MI, with his wife, Kaci, and their two children, Nolan and Noelle. Their daughter, Leah, lives in Washington, DC, and Brad, their youngest son, joined Kegler, Kegler & Arend, DDS, PC in July 2011. He and his wife, Ann, have three children: Claire, Tobin and Cannon.

Dr. Kegler's other interests include hosta gardening, landscaping and golfing. He is a life-long Chicago Cubs and Iowa Hawkeye fan, bleeding black and gold on Saturday afternoons in the fall.

The University of Iowa Dental Alumni Association and the College of Dentistry recognize Dr. Kegler's contributions to Iowa and to dentistry and are pleased to honor him with the 2015 Dental Alumnus of the Year Award.

Editor's note: This article was inadvertently omitted from the previous issue of Dental Link.



The UI College of Dentistry hosted an alumni reception at the Denver Hyatt Regency Hotel on January 22 during the Rocky Mountain Dental Convention (also known as the Denver Midwinter Meeting). There were approximately 50 alumni at the reception. Dean David Johnsen; family dentistry emeritus faculty, John Doering; and Katie Geiken, UI Foundation development director for the College of Dentistry greeted guests.

The College of Dentistry thanked Dr. John Doering for filling in as host at the reception.

Paying a Good Deed Forward

Two weeks before Louis Montgomery (1952 D.D.S.) was born, his father unexpectedly passed away—leaving his mother to raise five children on her own. “My oldest brother, who was 21 years old at the time, took over complete financial support of the family,” said Louis. “That allowed my mother to stay at home, raise all of us, and make sure that we got through school. My mother wanted all of us to go to high school, but the thought of going to college didn’t seem possible.”

With the financial help of a local family in Carroll, Iowa, Louis was able to graduate from the University of Iowa College of Dentistry in 1952. He ended up owning a dental practice in Waterloo, Iowa—one he owned until retiring in 2012.

Louis has always remained connected to his dental classmates. The Class of 1952 formed a strong bond after their first year when a classmate, Roger Zemanek, was diagnosed with polio. “For 50 years, I spearheaded a fundraising Christmas project and party for Roger,” said Louis. “Throughout the years, we ended up raising about \$250,000, and it really helped our class continue to stay close.”

That philanthropic nature has carried over to his alma mater, and he has made gifts to the UI since 1961. “I was privileged to graduate from the University of Iowa College of Dentistry,” said Louis. “I’ve always been grateful because the experience changed my life.”

Louis and his wife, Mary, have finalized an estate gift to the UI College of Dentistry, providing unrestricted support for the college. “I hope other dentists follow suit,” said Louis. “I knew that I owed something to the University of Iowa because of the education I received, and I know that this experience here has changed many other lives, too.”

“Louis is the only one in his family who graduated from college, and he still looks back and marvels at the opportunities he received,” said Mary. “The University of Iowa has made such a big difference in his life. For me, my parents brought me up with an understanding that you give back to society. That’s why, together, we believe in supporting Iowa. We’re proud to be able to give back.”

To learn more about how your private support can change lives at the UI College of Dentistry, including through estate planning, please contact Katie Geiken at katie-geiken@uiowa.edu or at (319) 467-3807.



(Above, left to right): Ms. Connie Bingham, Office of Student Affairs, was surprised with the Iowa American Student Dental Association (IASDA) Advocate of the Year Award; Dr. Howard Cowen, preventive & community dentistry, received the Class of 2016 Extramural Faculty of the Year Award; Ms. Becky Wageman, central dental supply, received the Class of 2016 Support Staff of the Year Award; Dr. Adam Holton, fellow associate, oral & maxillofacial surgery, received the Class of 2017 Non-Super Block Faculty of the Year Award; Dr. David Iglehart, visiting assistant professor, family dentistry, received the Class of 2016 Adjunct Turned Prosthodontist Award; James Clancy, professor emeritus, prosthodontics, received the Class of 2016 Faculty of All Four Years Award; Dr. Jim Harris, adjunct associate professor, family dentistry, received the Class of 2016 Adjunct Faculty of the Year Award; Dr. Mike Murrell, family dentistry, received the Class of 2016 Family Dentistry Faculty of the Year Award; Steve Vercande, prosthodontics, received the 2017 Support Staff of the Year Award; and Dr. Maged Abdelaal, prosthodontics, received the Class of 2017 Super Block Faculty of the Year. Not pictured: Dr. Darren Hoffmann, anatomy & cell biology, received the Class of 2019 Faculty of the Year, and Dr. Frederick Drexler, adjunct instructor, prosthodontics, received the Class of 2018 Faculty of the Year.

Recognizing Our Faculty and Staff Whose Working We will miss you!



**DR. STEVEN
AQUILINO**
Prosthodontics/32 years



CAROL AXBERG
Hospital Dentistry/
11 years



**CONNIE
BINGHAM**
Student Affairs/
37 years



ELAINE BROWN
Student Affairs/
41 years



RICHARD CARTER
Facilities Services/
23 years



**DR. JAMES
CLANCY**
Prosthodontics/28 years



**DR. DEBORAH
COBB**
Operative/28 years



ERIC CORBIN
Technology & Media
Services/35 years



DIANE DAVIS
Instrument
Processing/12 years



**DIANE
DAVISSON**
Prosthodontics/
32 years

Days Are Behind Them



DR. GERALD DENEHY
Operative Dentistry/
48 years



DR. MARK DITTMER
Hospital Dentistry/
27 years



TERI DOTSON
Technology & Media
Services/16 years



MARY LYNN ECKERT
Administration/20 years



DR. RONALD ETTINGER
Prosthodontics & Dental
Research/41 years



MARTY FIELDS
Hospital Dentistry/
13 years



DR. JED HAND
Administration
and Preventive
& Community
Dentistry/34 years



JAN HINRICHSEN
Oral Pathology,
Radiology &
Medicine/29 years



MAGGIE HOGAN
Removable
Prosthodontics, Pediatric
Dentistry, and Dows/
35 years



LARRY HUBER
Prosthodontics /
44 years

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Recognizing Our Faculty and Staff Whose Working Days Are Behind Them



**DR. BRUCE
JUSTMAN**
Endodontics/29 years



MARY MANTZ
Dental Research/
26 years



**MICHAEL
MULDER**
Technology & Media
Services/37 years



**DR. AXEL
RUPRECHT**
Oral Pathology,
Radiology &
Medicine/27 years



**KATHLEEN
SCHNOEBELEN**
Periodontics/11 years



KEVIN SELLERS
Technology & Media
Services/14 years



**KENNETH
SHAULL**
Family Dentistry/34
years



**DR. RUTH
SPIEKER**
Oral Pathology,
Radiology &
Medicine/12 years



NANCY STAGG
Dental Records/
24 years



DR. ROBERT STALEY
Orthodontics/
46 years



DONNA STARK
Center for Clinical
Studies/43 years



RICHARD STREAM
Periodontics/16 years



DR. STEVEN VINCENT
Oral Pathology,
Radiology &
Medicine/30 years



KAREN WALLACE
Endodontics/38 years



DR. CLARK STANFORD
Prosthodontics & Dental
Research/22 years



MARI WHETSTINE
Periodontics/34 years



MARY YODER
Operative/39 years



PAT ZOUSEL
Preventive &
Community
Dentistry/29 years

FACULTY news

Lily Garcia, DDS, MS, associate dean for education, is a co-author of the *First Clinical Practice Guidelines for Patients with Dental Restorations*, which has been released by the American College of Prosthodontists (ACP). The guidelines have also been published in the *Journal of Prosthodontics*, *Journal of Dental Hygiene*, and *General Dentistry*.

David Drake, PhD, dental research and endodontics, has been elected treasurer of the American Association for Dental Research (AADR). He will serve a three-year term.

Kim Brogden, PhD, director of dental research and professor, periodontics, was featured, along with his research team, in the December 15 issue of the *Daily Iowan*. Brogden's group has partnered with Cellworks Group Inc., which is utilizing current knowledge of the human genome as well as increasingly sophisticated computer applications, to mimic a cancer patient's response to assorted therapies using a small specimen of the tumor. The lab work of Dr. Carol Fischer, former postdoctoral research fellow, and Amber Bates, a PhD candidate, is corroborating the accuracy of the simulations provided by Cellworks. Dr. Emily Lanzel, oral pathology, radiology and medicine, further confirms the accuracy by using a method to determine how proteins on a cell's surface react to particular molecules. Dr. Brogden notes that the lab's experimental responses are producing a rate of 85-87 percent of Cellwork's predicted computations.

Dr. Steven Levy, DDS, MPH, preventive & community dentistry, and his colleagues at the UI Colleges of Dentistry and Public Health have received a \$361,342 award from the Roy J. Carver Charitable Trust. The funding will support his Iowa Fluoride Study's new wave of dental caries examinations at age 23 and will complement new funding from the National Institute of Dental & Craniofacial Research (NIDCR). The Iowa Fluoride Study began in 1991 and recruited 1,900 women with newborns to study longitudinally the complex exposures of intakes of fluoride from water, many foods, other beverages, and dental cavity prevention products, as well as relationships with dental caries (cavities) and other oral health conditions.

In addition, Levy and colleagues at the UI Colleges of Dentistry, Public Health, Liberal Arts and Sciences, Engineering, and Medicine have received a \$2,319,154 award from the NIDCR. Their research project is entitled "Fluoride, Dietary and Other Factors Related to Young Adult Bone Measures and Dental Caries." His Carver Charitable Trust funding (described above) will complement the NIDCR funding.

Isabelle Denry, DDS, PhD, dental research and prosthodontics, and **Julie Holloway**, DDS, MS, chair of prosthodontics were notified that their latest patent, Fluorapatite Glass-Ceramics, has been awarded by the U.S. Patent and Trademark Office (USPTO). The patent

application was filed by the UI Research Foundation in 2012. The award was announced in late 2015.

Richard Burton, DDS, MS ('85); **Kirk Fridrich**, MS ('87); and **Bill Synan**, DDS, all oral & maxillofacial surgery, attended the annual meeting of the American Board of Oral & Maxillofacial Surgeons (ABOMS). Dr. Burton is currently vice president for the ABOMS Board, Dr. Fridrich is head of the UI oral & maxillofacial surgery department and a former board president, and Dr. Synan was recognized at the dinner for his 10 years of service as a board examiner.

Susan McKernan, MS ('09), PhD ('12), preventive and community dentistry, participated in the American Association of Public Health Dentistry's Speakers Bureau Training. The program, funded by a Health Resources and Services Administration (HRSA) grant, trains participants to become instructors as part of an established Speaker's Bureau. The program helps participants develop a model curriculum they can present to predoctoral dental and dental hygiene students, to better meet the needs of the U.S. population.

Sherry Timmons, DDS ('95), PhD ('01), and **Veera-trishul Allareddy**, MS ('09), oral pathology, radiology & medicine, have been selected to attend the American Dental Education Association (ADEA) Leadership Institute for 2016-2017. The ADEA Leadership Institute is a year-long program

designed to develop the most promising individuals at academic dental institutions to become future leaders in dental and higher education.

Gustavo Avila-Ortiz, DDS, MS, PhD, periodontics, has been elected as a member of the Osteology Expert Council by the Osteology Foundation. He also received first place for his oral-clinical research, "Efficacy of Socket Grafting for Alveolar Ridge Preservation: A Randomized Clinical Trial," during the February Academy of Osseointegration Annual Meeting.

Arwa Owais, MS ('00), pediatric dentistry, has received a \$15,000 grant from the Delta Dental of Iowa Foundation. The grant money will be used for a pilot study, "Effectiveness of Silver Diamine Fluoride in Arresting Early Approximal Carious Lesion Progression." She also received two other Delta Dental of Iowa Foundation grants: a \$7,500 grant will be used for "A Clinical Trial Comparing Isolite vs. Cotton Roll Isolation in the Placement of Dental Sealants." The other \$4,950 grant will be used for "Traumatic Dental Injuries in Children."

Several dental faculty were inducted into the International College of Dentists: **Paula Weistroffer**, DDS ('02), MS ('07), and **Satheesh Elangovan**, B.D.S., DSc, DMSc, periodontics; **Mike Murrell**, DDS ('81), and **Reed Parker**, DDS ('78), family dentistry; **Alberto Gasparoni**, DDS ('10), clinic administration; **Fabricio Teixeira**, DDS, MS,

PhD, head of endodontics; **Karin Weber-Gasparoni**, DDS, MS ('99), PhD ('03), head of pediatric dentistry; **Natalia Restrepo-Kennedy**, MS ('12), operative dentistry; and **Trishul Allareddy**, MS ('09), oral pathology, radiology & medicine.

The Office of Research and Economic Development launched the Dare to Discover campaign, which promotes UI faculty from all areas of the campus. The stories of these scholars, creators and researchers are represented in a series of 40+ black and gold banners in the University Capitol Centre (UCC). The banners include three faculty affiliated with the College of Dentistry: **Gustavo Avila-Ortiz**, DDS, MS, PhD, periodontics; **Nathan Holton**, PhD ('09), orthodontics; and **Dr. Aliasger Salem**, joint appointment, Colleges of Pharmacy and Dentistry.

Satheesh Elangovan, BDS, DSc, DMSc, periodontics, has been appointed as an assistant editor of Newman and Carranza's *Clinical Periodontology* (13th ed.) planned for a 2018 release by Elsevier.

Azeez Butali, DDS, PhD, dental research & oral pathology, radiology and medicine, received a one-year, \$249,000 NIH grant for his research, "Genetic Studies of Nonsyndromic Clefts in Populations of African Descent." In addition, he also received an X01 NIH grant; through this award, the Center for Inherited Disease Research (CIDR) at Johns Hopkins University genotyped

2.2 million single nucleotide polymorphisms (SNPs) on approximately 3,500 samples from Africa. The cost of this genotyping was paid by NIH directly to the CIDR.

Karin Weber-Gasparoni, DDS, MS ('99), PhD ('03), head, pediatric dentistry, received an \$8,857 grant for her research, "Oral Health Knowledge and Practices of Iowa Family Physicians and Pediatricians."

Christopher Barwacz, DDS ('07), family dentistry, and **Gustavo Avila-Ortiz**, DDS, MS, PhD, periodontics, received a \$64,248 grant from BioHorizons, Inc., for their research, "Comparison of Pro-Inflammatory Cytokines and Machined Transmucosal Abutments: A Pilot, Randomized Clinical Trial."

The College of Dentistry & Dental Clinics and Delta Dental of Iowa Receive the Gies Award for Outstanding Innovation by a Public or Private Partner

The College of Dentistry & Dental Clinics and Delta Dental of Iowa received the American Dental Education Association (ADEA) Gies Award for Outstanding Innovation by a Public or Private Partner. The award was given by the ADEAGies Foundation during the recent annual ADEA meeting, which was held in Denver, Colorado. Dr. Michael Kanellis, associate dean for patient care, and Ms. Suzanne Heckenlaible, vice president, government relations for Delta Dental, accepted the award.

The College was honored for their unique public-private partnership in developing the Dental Wellness Plan (DWP) to increase access to care for Iowans. Lily Garcia, associate dean for education, nominated the college for the award.



Ted Boesen, chief executive officer of the Iowa Primary Care Association, presents the 2016 Underserved Champion Award to Dean David Johnsen.

STUDENT news

Shaun O'Neill (D3), president of the Iowa American Student Dental Association, spoke to the Board of Regents on behalf of the College of Dentistry. He highlighted the dental student research program; the impact of the student organizations and local, state and national levels; and outreach activity across Iowa.

Several College of Dentistry students attended the recent American Student Dental Association (ASDA) meeting in Dallas, Texas: **Sean Harvey (D3)**, **Shaun O'Neill (D3)**, **Taylor Austin (D2)**, **Sophia Chen (D2)**, **Aaron Kotecki (D2)**, **Macaira Leahy (D2)**, and **Erica Recker (D2)**. Erica Recker presented research, "Biomarkers of Inflammation around Implants Versus Natural Teeth." Co-authors on this research included ... Dr. Gustavo Avila-Ortiz (periodontics), Dr. Carol Fischer (dental research), Keyla Pagan-Rivera (biostatistics), Dr. Kim Brogden (director of dental research), Dr. Deborah Dawson (director, biostatistics), and Dr. Sathesh Elangovan (periodontics). Shaun O'Neill (D3) was elected as one of the eleven trustees to the American Student Dental Association (ASDA) national board. Shaun also received the Delegate of the Year as well as the first ever ASDA Citation Award.

Andrew Richter (D2) has received a scholarship from the American Dental Association (ADA) Foundation. The College of Dentistry nominated Richter for the scholarship, which helps facilitate the education of

academically gifted predoctoral dental students and defrays a part of their professional education expenses.

Dr. Saulo Sousa Melo, an oral and maxillofacial radiology resident, received the Howard R. Raper Award during the American Academy of Oral and Maxillofacial Radiology. The award recognizes a promising graduate student who demonstrates an interest in oral and maxillofacial radiology and intends to pursue a career in academia.

The Student National Dental Association (SNDA) hosted their annual toy drive for the Salvation Army in December. The gifts were distributed to families in the Iowa City area who would have otherwise not been able to provide Christmas gifts for their children.

The 2016 Midwest Annual Regional Meeting for Delta Sigma Delta Dental Fraternity was held in Breckenridge, Colorado, January 22-24 and was hosted by the fraternity chapter of the University of Colorado, Denver School of Dental Medicine. Iowa was represented by 15 students and advisor Dr. Bruce Justman (emeritus faculty, endodontics). Iowa students included D1s: Brooke Brown, Ryan Coon, David Lyle, Logan Mallicoat, Sarah McGowan, Ryan Olson and Tara Sears; D2s: Erik Blomquist, Karley Boardman, Jake Briese, Taylor Cook, Bethany Keane and Shelby Tesar; and D3s Molly Mullen and Sophia Ringsdorf. Other dental school attendees included students from the University of Minnesota School of Dentistry,

University of Missouri-Kansas City School of Dentistry, Missouri School of Dentistry and Oral Health - Kirksville, and Oregon Health and Science University School of Dentistry.

The Pediatric Dentistry Student Group, led by President **Josh Orgill (Class of 2016)** and Vice President **Casey Goetz (D3)**, along with 14 other dental students, two pediatric dentistry residents, and a pediatric dentistry faculty member, provided dental education, screenings and fluoride varnish to 65 children. The outreach event was in cooperation with the Iowa Association for the Education of Young Children, the Iowa Children's Museum and the College of Dentistry.

The following dental students won research awards during the 2016 Iowa Section of the American Association for Dental Research meeting:

Max Smith Oral Presentation Predoctoral Competition—1st place: Christopher N. Treinen (D3); 2nd place: Maria Paula Gomez-Hernandez (D2); 3rd place: Erica N. Recker (D2).

Max Smith Oral Presentation Graduate and Postdoctoral Competition—1st place: Amber M. Bates (PhD candidate); 2nd place: Aditi Jain (operative dentistry); 3rd place: Abdullah Mohammed D. Alshehri (operative dentistry).

DENTSPLY Implants Oral Presentation Graduate Specialty Competition—1st place: Christina L. Nicholas (postdoctoral research fellow);

2nd place: Vrushali P. Abhyankar (periodontics).

ADA Predoctoral Poster/ Table Clinic Competition—1st place: Hayley A. Rinehart (D3); 2nd place: Leah N. Barshinger (D1); 3rd place: Stacey Howes (D2).

ADA Postdoctoral Poster/ Table Clinic Competition—1st place: Kimberly A. Morio (endodontics); 2nd place: Chandni Desai (oral pathology, radiology & medicine); 3rd place: Saulo L. Sousa Melo (oral pathology, radiology & medicine).

Procter & Gamble Predoctoral Poster Competition—1st place: Megan E. Penticoff (Class of 2016); 2nd place: Courtney E. Bohn (Class of 2016); 3rd place: Taylor R. Austin (D2); 4th place: Samantha A. Resnick (D1); 5th place: Sherri J. Chyi (D2).

Michael W. Finkelstein Evidence-Based Dentistry Predoctoral Competition—1st place (periodontology): Caitlin Miller (D3); 2nd place (operative dentistry): Briana T. Lage, Alison Wehde, Cleo Stephanides, Erika Diemer, Mary Hoch (all D3); 3rd place (pediatric dentistry): Austin Tyskland (D3).

Iowa Society of Periodontology Predoctoral Award—1st place: Allyson M. Supowitz (D3).

Iowa Society of Periodontology Postdoctoral Award—1st place: Angie S. Thorn (chemistry).

Endodontic Michel Fuller Postdoctoral Award—Paul P. Lundine (endodontics resident).

Postdoctoral/Graduate Dental Specialty Awards—1st place: Hamad A. Algamaiah (operative dentistry resident).

Oral & Maxillofacial Pathology Award—1st place: Chandni Desai (oral pathology, radiology & medicine resident).

Pediatric Dentistry Award—1st place: Kyle J. Beulke (pediatric dentistry resident).

Preventive & Community Dentistry Award—1st place: Nyla Balakrishnan (dental public health resident).

Prosthodontics Award—1st place: Watcharaphong Ariyakriangkai (prosthodontics resident).

Basic Science Award—1st place: Russell P. Pesavento (Class of 2016).

Oral & Maxillofacial Radiology Award—1st place: Saulo L. Sousa Melo (oral pathology, radiology & medicine resident).

Orthodontics Award—1st place: Clarissa da Fontoura Souza Gomes (postdoctoral research fellow).

The College of Dentistry & its Student Clinics Featured in *Good Morning America* Story

On October 7, ABC's *Good Morning America* featured the UI College of Dentistry and Dental Clinics during a story, "How to Save Money on Dental Procedures." The College of Dentistry and Dental Clinics was included in the story to offer an option for providing affordable dental care in the faculty-supervised dental student clinics.

Brandt Bergman (D3), supervised by Dr. Nidhi Handoo, oral pathology, radiology and medicine, was the dental student who was filmed evaluating the patient. Said Brandt, "The crew was great about filming while taking care to avoid being in the way. It felt similar to having someone watch you do something in the mouth. Overall, maybe just a little bit more stressful than normal."

"It was an honor being able to represent the school in such a positive light," added Brandt. Dr. Handoo concurred: "Even though there were just a few in front of the camera, everyone played some part in making the College of Dentistry look good."



Dr. Peter Blough (DDS '13) Part of Des Moines Dental Clinic Project



Dr. Peter Blough (DDS '13), is currently employed by the Des Moines Health Center but he also recently became involved with a new Des Moines dental clinic ... in a high school!

Because the fourth year of an Iowa dental student's education helps the student understand the real world of dentistry, especially with patient treatment planning, Peter Blough's own dental education prepared him for his career

today. "The fourth year in general gets students more focused on comprehensive care and planning the course of treatment moving forward. Rather than focusing on a limited portion of a treatment plan, fourth year mimics the real world where as the provider, you are the one responsible for planning all of the care and tailoring that to each patient's own situation."

Scavo High School is an alternative school for at-risk high school students. The school has evolved in name over the years from the Greater Des Moines Education Center in 1968, to Alternative North and Alternative South (two schools), and then to Casady Alternative School. In 1995, the south campus was renamed Vincent C. Scavo High School, in honor of a former principal. Four

years later, the two campuses merged and in 2010, Scavo moved to an old elementary school site. In 2015, Scavo moved to a more centralized location, into a newly renovated space with a wider variety of educational opportunities for the students. Besides the dental clinic, Scavo also houses a community food pantry and a daycare facility.

The Des Moines Health Center, Dr. Blough explains, is an extramural site for Iowa D4 students. "We work closely with United Way to help identify and provide care to underserved populations within our community. The Des Moines school district involved us in discussions about the feasibility of having a dental clinic within the district itself, and things really took off from there."

Because the dental clinic is new, his work schedule at Scavo remains fluid. "January 6 was our first day," he says, "and we are at the school clinic all day on Wednesdays for now. We have two operatories, one for restorative work and the other for cleanings with the hygienist. As the schedule fills up, we will be adding more days as needed. The tentative plan is to add a second day within 1-2 months and eventually grow into 5 days a week."

Peter Blough finds it very rewarding to work with kids. Recognizing that there are significant barriers for at-risk children who need dental care (financial, logistical, or the availability of general dentists who are willing to treat kids), he finds it rewarding to be part of the Scavo dental clinic. "It really is great to be a part of this project that aims to overcome all of these barriers to care district-wide."

Brad A. Amendt, Associate Dean for Research, Named Dentistry Centennial Professor of Research



Brad A. Amendt, associate dean for research at the College of Dentistry, has been named Dentistry Centennial Professor of Research. He was conferred the five-year appointment during the 63rd Annual Meeting of the Iowa Section of the American Association for Dental Research (AADR), which was held February 16.

Dr. Amendt's research focuses on understanding the role of transcription factors and

signaling pathways in tooth and craniofacial development. His lab studies the expression and regulation of transcription factor genes and signaling processes involved in craniofacial/tooth development; the molecular basis of selected human genetic disorders; and the role of stem cells and microRNAs in regulating craniofacial and regenerative medicine.

Dr. Amendt is known internationally as one of the

world's leading authorities on micro-RNA research and cell plasticity.

Dr. Clark Stanford, former associate dean for research, was the first to be named Dentistry Centennial Professor of Clinical Research. He held the professorship from 2001-2014 before accepting the deanship of the University of Illinois, Chicago (UIC) College of Dentistry.

Patients' Corner

The College of Dentistry received a letter from the daughter of a 98-year-old dental patient who recently visited the College of Dentistry & Dental Clinics' Special Care Clinic and was treated by Dr. Howard Cowen (Preventive & Community Dentistry). The letter complimented Dr. Cowen for his excellent care of her mother. Below are some excerpts from her letter.

June 1, 2016

University of Iowa E37
Special Care Clinic

RECEIVED

JUN 1 8 2016

"Mom is 98 and in good health with the exception of being arthritic, which causes her extreme chronic pain but she doesn't complain. She lives independently with some assistance from my sister and me. Mom grew up on a farm in Missouri, one of seven kids. As the oldest daughter, she quit school in the 8th grade to stay home to help with her siblings and to work on the farm. When my sister and I were in school, she worked at the soda fountain of a local drug store for 17 years for 50 cents an hour and never received a raise. Women had few options in those days but she never complained ..."

... mother, Shirley. Mom is 98 but she doesn't complain. She grew up on a farm in Missouri, one of seven kids. As the oldest daughter, she quit school in the 8th grade to stay home to help with her siblings and to work on the farm. When my sister and I were in school, she worked at the soda fountain of a local drug store for 17 years for 50 cents an hour and never received a raise. Women had few options in those days, but she never complained ..."

... store for 17 years for 50 cents an hour and never received a raise. Women had few options in those days but she never complained ..."

Even when she began to experience chronic pain, she never complained. She quit school in the 8th grade to stay home to help with her siblings and to work on the farm. When my sister and I were in school, she worked at the soda fountain of a local drug store for 17 years for 50 cents an hour and never received a raise. Women had few options in those days but she never complained ..."

"... She was fitted for a partial but in less than a year the tooth that the partial was anchored to broke so she could no longer use the partial. I took her to a couple of other dentists but they did little more than an examination and said there really wasn't anything they could do ..."

"The past few years I have had the pleasure of meeting and working with Dr. Cowen on an oral health grant project ... That personal experience prompted me to make an appointment for mom to see Dr. Cowen ..."

... learned much more about the oral health grant project. That personal experience prompted me to make an appointment for mom to see Dr. Cowen ..."

The visit took place earlier this month. I was impressed by the way in which he treated mom, both personally and as a practitioner. In less than a minute he said, 'I see what the problem is.' He did some grinding on a few of her remaining teeth and assured her that when she left, she wouldn't be experiencing any pain when she chews or bites down ... He polished the few teeth she has left ... and promised to send her home a free toothbrush, but not before she could give him a hug and pose for a picture ..."

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"... While the journey to Iowa City is a bit long, she wants to return to be fitted for a partial so she can eat more easily and hopefully be able to remain a strong and independent woman still living in her own apartment at age 100 ..."

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"... About half way through our return trip, she said, 'He forgot to give me my free toothbrush ...' Three days later, mom received a note from Dr. Cowen and her free toothbrush. For some that wouldn't mean a great deal but to mom, it meant the world, and to me and my sister, it meant even more ... that he would take the extra time and effort to do that. His act of kindness touched us very deeply. As a small token of appreciation, please accept this contribution to the Special Care Clinic in honor of a very special dentist, Dr. Cowen."

Di Findley, Mitchellville, Iowa

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historical
IMPRESSIONS

Saving a Part of Dental College History

Dr. James North ('53 DDS) spotted the Old Dental windows from the first dental science building on campus at a Des Moines garage sale 32 years ago. He briefly considered buying them but decided against it after realizing he didn't know what to do with them. In a strange stroke of karma, however, the windows later arrived on his doorstep as a birthday gift from a friend to whom he had mentioned the unique garage sale sighting.

In 2015, Dr. North donated the two windows to Penni Ryan, Dental Administration. A search ensued for a photo of Old Dental showing the windows over the north entrance. As the first UI dental building, it was constructed in 1894 and used as a dental school until 1917 when Trowbridge Hall became the new dental building. Old Dental was then "recycled" in various capacities – Dr. North, for instance, remembered taking a literature class there as an undergraduate – until it was finally torn down in 1975.

To preserve this unique piece of UI dental history, the windows are now on display, along with a framed photo of Old Dental, on the DSB west addition's 4th floor wall next to the stairs. Come see a piece of UI dental history!



Photo enhancement courtesy of Sean Kelley, Dental Ed Media. Photo courtesy of Dr. Thomas Schulein.



Photo courtesy of UI Special Collections.



Photo courtesy of College of Dentistry.