



The University of Iowa College of Dentistry & Dental Clinics **Alumni News** Summer 2014

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Alumni News



Supporting Today's Students, Tomorrow's Dentists

Ranked as one of the nation's top dental schools, the University of Iowa College of Dentistry and Dental Clinics is proud to be an international leader in oral health education and research. For more than 130 years, the college has been an integral part of the health care campus at the UI and has been an invaluable resource to the entire state, having trained about 80 percent of Iowa's current practicing dentists.

Throughout the past 40 years, the dental profession has seen tremendous advances in technology and teaching methods, changes in patient needs, and expansion in the scope of research. In June 2014, the college will conclude its Transformation for Tomorrow campaign—a \$60 million building renovation and expansion that was catalyzed by a leadership gift of \$1.5 million from the Delta Dental of Iowa Foundation to name the Delta Dental of Iowa Foundation Geriatrics and Special Needs Clinic. This building transformation has helped, and will continue to help, the college respond to change and remain at the leading edge of education, research, and patient care.

As we approach the conclusion of our building campaign, work is ongoing to secure private support that benefits various other areas essential to the college's future. As part of *For Iowa. Forever More: The Campaign for the University of Iowa*, the UI College of Dentistry and Dental Clinics has established a \$26.5 million fundraising goal that will advance its priorities for students, faculty, programs, and facilities. More than \$20.3 million has been raised so far toward this ambitious goal.



Continued on page 2

FOR IOWA. FOREVER MORE. campaign priorities

Continued from the front cover

Facilities Enhancements \$10 million goal

To sustain and build on its rich heritage, the college is transforming its physical facility to accommodate the art and science of dentistry for the 21st century and beyond. This important building transformation will provide state-of-the-art technology, clinics, and research space to meet the needs of the future in dental education, research, and patient care.

Among the visionary support already received from the college's faculty, staff, alumni, and friends during the campaign are gifts from:

- Alumni, faculty, staff, and family and friends of Dr. Harold F. Bigelow to name the Orthodontic Clinic. More than \$1 million was raised in memory of Dr. Bigelow.
- Dr. Donald C. ('50 DDS) and Betty Ostrus, to name the Prosthodontic Clinic through a combination of outright and future support.
- Dr. Terry L. ('72 DDS) and Pamela V. Hopper, to name the reception area in the Department of Oral Surgery through a pledge to the building campaign. Dr. Hopper is serving as co-chair for the college in the *For Iowa. Forever More.* campaign.
- Mr. Donn Hutchins and Abigail E. Hutchins—in partnership with Delta Dental of Iowa and the Delta Dental of Iowa Foundation—to establish the Donn and Abigail E. Hutchins Suite for Special Needs, which will be an integral part of the pediatric clinic renovation that is expected to begin in the summer of 2015.

Through *Transformation for Tomorrow* and ongoing support as part of *For Iowa. Forever More.*, the college will continue to provide an environment that reflects its world-class programs.

Faculty Support \$4 million goal

To maximize their potential as educators, clinicians, and researchers, faculty must have the necessary resources to excel. Examples of current faculty support funds include the following:

- The Richard L. and Nancy M. Christiansen Professorship in International Oral Health Research and Education, which supports a faculty member with an international perspective in oral health research and education in the college. The professorship was established through a charitable bequest made by Dr. Richard ('59 DDS) and Nancy Christiansen.
- The Donald C. Ostrus Faculty Fellowship is used to recognize noteworthy accomplishments in teaching, research, or service in dental prosthodontics. The fellowship provides funds for research, professional travel, continuing education, and other activities that encourage and advance professional and academic goals. The fellowship was established through a gift from Dr. Donald C. ('50 DDS) and Betty Ostrus.
- The Dr. Bob H. ('73 DDS) and Jerilee H. Williams Professorship in Restorative Dentistry supports a scholar who has a distinguished program in operative dentistry. The professorship was established through a gift from Dr. Bob and Jerilee Williams, who are both currently serving as co-chairs for the college in the *For Iowa. Forever More.* campaign.
- The Richard E. Walton Endodontics Professorship was established by a group of donors to honor Dr. Richard E. Walton, who served as chair of the Endodontics Department in the College of Dentistry from 1983 to 1996.

To keep its current outstanding faculty, and to recruit the next generation of dental educators, the college must increase the number of endowed faculty positions in all departments.

Student Support \$4 million goal

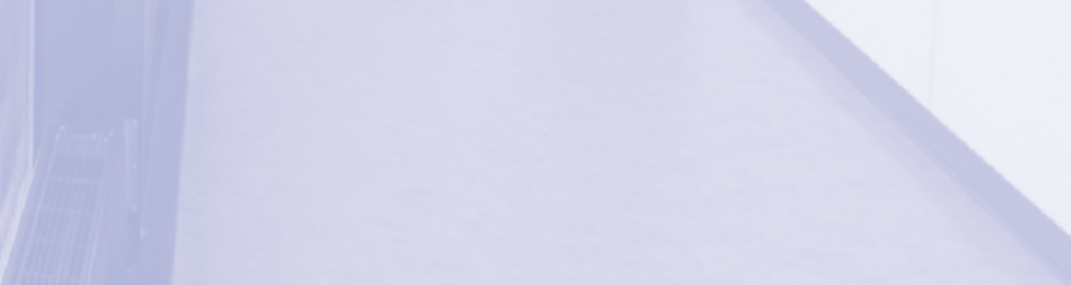
The College of Dentistry and Dental Clinics offers a preeminent education and admits only the most highly qualified applicants. Students are the lifeblood of the college, and student aid not only provides financial assistance for outstanding students, but also serves as an essential recruitment tool—attracting the brightest minds to the program.

The Alice M. Horowitz Graduate Fellowship in Dental Public Health, for instance, provides crucial financial support to students in the college's Preventive and Community Health Program. The fellowship was established through a charitable bequest from Alice M. Horowitz, who earned her bachelor's and master's degrees, as well as a certification in dental hygiene, from the UI.

The Donald C. Ostrus Graduate Prosthodontic Scholarship—established in 2012 by Dr. Donald ('50 DDS) and Betty Ostrus—supports one or more annual scholarships to deserving students with a D.D.S. degree who are entering into the prosthodontics graduate program.

Ongoing support will allow the college to continue its commitment to recruit and retain talented students.





Research Support \$2 million goal

Superior research facilities are essential to the college's overall success. Support for research helps ensure that students and faculty have the resources necessary to continue their leadership in advanced oral health research.

Support from the Carver Trust, for example, was used for the research space renovation for the genetics and immunology research areas in the college. The renovation increased usable research space by 29 percent. Thanks to the "Open Lab Concept"—a redesign that features more efficient use of space—this was accomplished without changing the square footage of building space allocated to research.

Increased funding will enhance research and educational opportunities for faculty and students, and will help the college retain its excellent faculty while recruiting promising young investigators.

Program Support \$2 million goal

Endowed funds will provide consistent support for educational outreach initiatives, the practice management program, and ongoing continuing education programs. Endowed funds are a long-term solution that allow the college to devote unrestricted annual funds to other essential priorities.

In 2011, the college identified a need to assist patients with care-related costs. Working with the University of Iowa Foundation, the college established the Dental Patient Assistance Fund. When patients get started in care, and that care then becomes more complex than originally expected, the fund bridges the gap in treatment costs.

Unrestricted Support \$4.5 million goal

Unrestricted funds provide an important resource for other special programs and educational opportunities that may fall outside the existing budget. These funds can—at the dean's discretion—provide much-needed support for areas of greatest need.

Efforts related to these fundraising priorities in *For Iowa. Forever More.* are guided by a vision to educate dentists for Iowa and beyond through excellence in patient care, education, and research. With the help of generous alumni and friends, the UI College of Dentistry and Dental Clinics will realize that vision for generations of faculty, students, and patients.



Project SEALED Serves Northeast Iowa

In 2013, the University of Iowa's College of Dentistry created an outreach program with Allamakee County and the College of Education called Project SEALED (Service, Engagement, and LifeCareer Education in Dentistry). The project's goals are to provide educational programs to elementary and middle school students and their parents, to promote interest in dental careers, and provide dental students with community service experience.

Since late 2012, UI dental students, faculty, and staff have made four outreach trips to Waukon and Postville to instruct nearly 135 children about good dental hygiene and provide some students with dental exams, including cleanings, sealants, and fluoride varnish applications. This year there have been two scheduled visits in March and May.

This project, which is primarily supported by the UI Office of the Provost, represents a component of the University Strategic Plan to help Iowans achieve better futures.

Pew Report on Oral Health in Iowa's Elderly

In a recent *Cedar Rapids Gazette* article, the Pew Center on the States issued a report in which Iowa has received a "C" in dental care for its many elderly living at home and in nursing homes.

Delta Dental of Iowa Foundation sponsored the development of a coalition, Access to Oral Health Care for Aging Iowans, in an effort to improve access to oral health care for aging Iowans. The coalition's mission is to help provide all nursing home and homebound aging Iowans with the needed oral health care. The *Gazette* article notes that the College of Dentistry's Geriatrics Mobile Dental Unit (GMU) provides comprehensive dental care to local area nursing homes. Unlike many dental patients who visit their dentist twice annually, predoctoral and graduate dental students along with faculty and staff travel once annually to ten surrounding nursing homes over a six-week period to provide comprehensive dental care to those residents who request care. A staff hygienist also returns to each facility every six months to provide prophylaxis care, determine the need for other essential services, make a request for a house call, or refer them to the College of Dentistry & Dental Clinics. Elderly patients who are frail, have dementia, complex medical conditions, or other functional deficits, are less likely to visit a dentist's office.

news FACULTY

Lily Garcia, DDS, MS, FAPC, associate dean for education, became the new chair of the American Dental Education Association (ADEA) Board of Directors.

Arthur Nowak, DMD, professor emeritus, pediatric dentistry, was named a Legacy Laureate by the University of Pittsburgh.

An article by **Nathan Holton**, MA, PhD, orthodontics, "Ontogenetic scaling of the human nose in a longitudinal samples: implications for genus *Homo* facial evolution," was published in the *American Journal of Physical Anthropology* and has received several press releases.

A research article by **Satheesh Elangovan**, BDS, DSc, DMSc, periodontics, "The enhancement of bone regeneration by gene activated matrix encoding for platelet derived growth factor," was ranked in the top five of all articles ranked for attention in November 2013. The article was published in the January 2014 issue of *Biomaterials*.

Philip Wertz, PhD, oral pathology, radiology and medicine, and Dows, was honored with the Society of Cosmetic Chemists (SCC) Maison G. de Navarre Medal Award. He received the award in December during the SCC Annual Scientific Meeting & Technology Showcase.

Daniel Lew, DDS, professor emeritus, oral and maxillofacial surgery, published *A Historical Overview of the AAOMS* (American Association of Oral and Maxillofacial Surgeons).

Isabelle Denry, DDS, MS, PhD, prosthodontics and Dows, was appointed to the editorial board of *Journal of Dental Research* (JDR).

Veeratrishul Allareddy, BDS, MS, oral pathology, radiology and medicine, was appointed to the executive committee of the Digital Imaging and Communications in Medicine Standards Committee.

Richard Walton, DMD, MS, professor emeritus, endodontics, was a co-author on a fifth edition of *Endodontics: Principles and Practice*.

Ghadeer Thalji, BDS, PhD, prosthodontics, received the 2013 GlaxoSmithKline Prosthodontist Innovator Award.

So Ran Kwon, DDS, MS, PhD, MS, operative dentistry, received an Instructional Improvement Award from the UI Council on Teaching.

New Dental Faculty and Appointments

at the College of Dentistry & Dental Clinics

2013-2015



**Veerasathpurush
ALLAREDDY**
B.D.S., M.B.A., M.H.A.,
Ph.D., M.M.Sc.
Orthodontics (2013)



**David
BOHNENKAMP**
D.D.S., B.A.,
M.S., F.A.C.P.
Prosthodontics (2013)



**Luis
BOZA**
D.D.S., M.H.S.A.
Prosthodontics (2013)



**Azeez
BUTALI**
B.D.S., Ph.D.
Oral Pathology,
Radiology & Medicine;
Dows Institute for
Dental Research (2014)



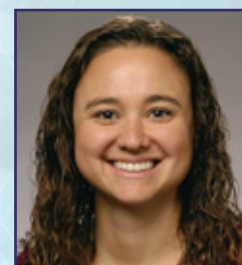
**Hong
CHEN**
D.D.S., M.S.
Preventive & Community
Dentistry (2015)



**Xi
CHEN**
D.D.S., Ph.D.
Preventive & Community
Dentistry (2015)



**Lily
GARCIA**
D.D.S., M.S., F.A.C.P.
Dental Administration;
Prosthodontics (2013)



**Jennifer
HARTSHORN**
D.D.S.
Preventive & Community
Dentistry (2013)

Continued on following page ...

New Dental Faculty and Appointments at the College of Dentistry & Dental Clinics 2013-2015



**Ryan
HILL**
D.D.S.
Oral and Maxillofacial
Surgery (2013)



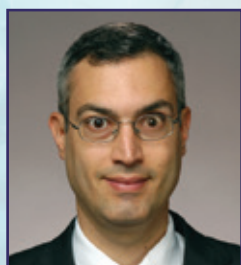
**Nathan
HOLTON**
Ph.D.
Orthodontics (2013)



**So Ran
KWON**
D.D.S., M.S., Ph.D., M.S.
Operative Dentistry (2013)



**Rodrigo
MAIA**
D.D.S., M.S., Ph.D.
Operative Dentistry (2013)



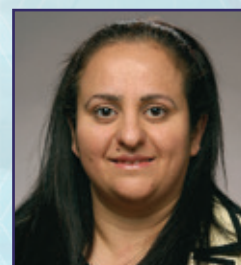
**Leonardo
MARCHINI**
D.D.S., M.S.D., Ph.D.
Preventive & Community
Dentistry (2013)



**Michael
MURRELL**
D.D.S.
Family Dentistry (2014)



**Niels
OESTERVEMB**
D.D.S., M.S.C.
Oral Pathology, Radiology
& Medicine (2014)



**Arwa
OWAIS**
B.Sc., M.S.
Pediatric Dentistry (2013)

New Dental Faculty and Appointments at the College of Dentistry & Dental Clinics
2013-2015



**Reed
PARKER**
D.D.S.
Family Dentistry (2013)



**Natalia
RESTREPO-KENNEDY**
D.D.S., M.S.
Operative Dentistry (2013)



**Sreedevi
SRINIVASAN**
B.D.S., Sc.D.
Orthodontics (2013)



**Kyle
STEIN**
D.D.S., OMS Certificate
Oral and Maxillofacial
Surgery (2013)



**Erica
TEIXEIRA**
D.D.S., M.S., Ph.D.
Operative Dentistry (2014)



**Fabricio
TEIXEIRA**
D.D.S., M.S., Ph.D.
Chair, Endodontics (2014)



**Jordan
TORTORICH**
D.D.S.
Oral and Maxillofacial
Surgery (2014)

Continued on following page ...

JOINT APPOINTED/SECONDARY APPOINTMENTS WITHIN THE COLLEGE OF DENTISTRY



**Brad
AMENDT**

Ph.D.

College of Medicine,
Anatomy and Cell Biology



**Darren
HOFFMANN**

Ph.D.

College of Medicine,
Anatomy and Cell Biology



**Aliasger
SALEM**

Ph.D.

College of Pharmacy,
Division of Pharmaceutics



**George
WEHBY**

Ph.D.

College of Public Health,
Health Management
and Policy

An article by **Ben Nashleanas** (D3), “Career influences among final year dental students who plan to enter private practice,” was the Editor’s Choice for the journal *BMC Oral Health* in March.

Dr. **Julie Reynolds**, a fellow associate in Preventive & Community Dentistry, received the third-place Leverett Graduate Student Merit Award for outstanding achievement in dental public health.

Dr. **Tariq Ghazal**, graduate research assistant, received honorable mention.

Thomas Crary (D2) received an American Dental Association Foundation Predoctoral Dental Student Scholarship.

2014 Iowa AADR Local Research Day Awards

- Procter and Gamble Predoctoral Award 5th place: **Alex Whitesell** (D3), (Mentor: John Warren) Presenter: Rebecca van Horn
- Procter and Gamble Predoctoral Award 4th place: **Kaitlin Hoogveen** (D3), (Mentors: Chris Barwacz & Gustavo Avila-Ortiz) Presenter: Rebecca van Horn
- Procter and Gamble Predoctoral Award 3rd place: **Nicholas Van Ess** (D2), (Mentor: Jeff Banas) Presenter: Rebecca van Horn
- Procter and Gamble Predoctoral Award 2nd place: **Thomas Crary** (D2), (Mentor: Steve Armstrong) Presenter: Rebecca van Horn
- Procter and Gamble Predoctoral Award 1st place: **Matt Black** (D3), (Mentors: Gustavo Avila-Ortiz & Satheesh Elangovan) Presenter: Rebecca van Horn
- Iowa Society of Periodontology Predoctoral Award: **Ursula Diehl** (D3), (Mentor: Chris Barwacz) Presenter: Paula Weistroffer
- ADA Predoctoral Competition 3rd place: **Kate Zimmerman** (D3), (Mentors: Gustavo Avila-Ortiz & Satheesh Elangovan) Presenter: John Warren
- ADA Predoctoral Competition 2nd place: **Austin Foster** (D2), (Mentor: Nathan Holton) Presenter: John Warren
- ADA Predoctoral Competition 1st place: **Justin Anderson** (D3), (Mentor: Michael Kanellis) Presenter: John Warren
- Max Smith Predoctoral Competition: **Erica Recker** (D1), (Mentors: Kim Brogden and Satheesh Elangovan) Presenter: David Johnsen
- ADA Postdoctoral Competition 3rd place: **Rawa Alammari**, Operative Dentistry, (Mentor: Marcos Vargas) Presenter: Deborah Dawson
- ADA Postdoctoral Competition 2nd place: **Sandra Imoehl**, Pediatric Dentistry, (Mentors: Deborah Dawson & David Drake) Presenter: Deborah Dawson
- ADA Postdoctoral Competition 1st place: **Kayla Risma**, Pediatric Dentistry, (Mentor: Karin Weber-Gasparoni) Presenter: Deborah Dawson
- Max Smith Graduate & Postdoctoral Competition: **Cole Weaver**, Orthodontics, (Mentor: Lina Moreno) Presenter: Galen Schneider
- Dental Specialty Award: Operative Dentistry: **Lamya Alghaith** (Mentor: Steve Armstrong) Presenter: Steve Armstrong
- Dental Specialty Award: Orthodontics: **Mary Meier** (Mentor: Lina Moreno) Presenter: Teresa Marshall
- Dental Specialty Award: Pediatric Dentistry: **Steven Leifker** (Mentor: Karin Weber-Gasparoni) Presenter: Matt Geneser
- Iowa Society of Periodontology Postdoctoral Award: **Chris Poulsen** (Mentor: Kim Brogden) Presenter: Paula Weistroffer
- Dental Specialty Award: Preventive and Community Dentistry: **Astha Singhal** (Mentor: Peter Damiano) Presenter: Dan Caplan
- Dental Specialty Award: Prosthodontics: **Jorge Garaicoa** (Mentor: Kim Brogden) Presenter: Luis Boza
- Endodontic Michael Fuller Post-doctoral Award: **David Meier** (Mentor: Anne Williamson) Presenter: Bill Johnson

An Introduction to the Stained Glass Art Work on the Third-Floor Link



(Left to right): Dr. Jackson Roe standing next to the stained glasswork with Dean David Johnsen.

Dr. Jackson Roe (DDS '44, MS, orthodontics, '48) and his wife, Nona, recently donated a stained glass piece to the University of Iowa. It was commissioned by Nona in March 1968 after she discovered glasswork that had been done for some churches in California by Irish artist, John F. Hogan. The Roes had been living in California and wanted a Hogan piece at the entrance of their home to remind them of Iowa. Since Mr. Hogan had not seen corn, the decision was made to include wheat instead.

The Roes met at the University of Iowa where Nona was working on a graduate degree. After receiving his MS in orthodontics from Iowa, the Roes remained in Iowa City where he practiced dentistry for several years. Two factors, however, compelled the Roes to consider another state in which he could practice: his hay fever, and at that time, a shortage of good office space in Iowa City. After conferring with a friend and fellow dentist who was practicing in the Los Altos, California area, they also moved to Los Altos. Dr. Roe practiced in California for many years.

In 1990, the Roes returned to Iowa City because they missed the community and the University of Iowa with its many cultural events.

Through their generosity, the Jackson H. and Nona Seberg Roe Lectureship in Pediatric Dentistry was established at the College of Dentistry. They also established the Jackson H. and Nona Seberg Roe Professorship in Orthodontics, which reflects their continuing interest in the graduate program in orthodontics. In 2009, Dr. Jackson Roe and Nona Seberg-Roe received the Dental Alumni of the Year Award.

Sean O'Harrow, collections management director at the University of Iowa Museum of Art chose the third-floor Link location for the stained glass piece.



ALUMNI news

Richard Haw ('55 DDS, BA, MA) retired from his practice in September 9, 2009.

Douglas Howe ('80 DDS) enjoys playing golf and Florida! Hot and cold.

Donald Morrison ('61 DDS) had a wonderful time attending Medical Dental 50th year Internship reunion at Tripler Army Medical Center, in Honolulu, Hawaii. The guys have changed in 50 years.

Lynn Griebahn ('84 DDS) and Brenda Griebahn of Marco Island Florida, competed in the USA Dance National Championships amateur dance competition held in Baltimore, Maryland, March 28-March 30, 2014. The couple won the bronze championship for their age category in the International Stan-

In memoriam

DDS 1947: **John W. Richards** of Lynnwood, Washington, died Jan. 16, 2014.

DDS 1947: **Dennis R. Shay** of Urbandale, Iowa, died Feb. 20, 2014.

DDS 1950, MS Ortho 1951: **Robert M. Nelson** of Chapel Hill, North Carolina, died Feb. 7, 1999.

DDS 1954, MS Ortho 1965: **William E. Baber** of Fort Dodge, Iowa, died Feb. 26, 2014.

DDS 1956: **Sung Bok Kim** of Honolulu, Hawaii, died May 8, 2010.

DDS 1956: **Arlin A. Juffer** of West Des Moines, Iowa, died Sept. 20, 2005.

DH 1956: **Margret E. Schleuger** of Collinsville, Illinois, died Jan. 2, 2014.

DDS 1957: **Alton A. Frommelt** of DeWitt, Iowa, died Dec. 4, 2013.

Pedo 1958: **William J. Sievert** of Hayward, Wisconsin, died Dec. 20, 2012.

DDS 1959: **Carroll E. Haynes** of Leawood, Kansas, died Jan. 8, 2014.

MS Ortho 1960: **Donald B. Carlsen** of Midland, Michigan, died Dec. 4, 2013.

DDS 1961: **Frederick L. Asher** of Spearfish, South Dakota, died Mar. 3, 2014.

dard division. USA Dance sanctions national and qualifying competitions for amateur couples. "As they announced our number, we couldn't believe we had won" they said after hearing the results.

Efren Martinez ('84 DDS) started a hands-on implant course with live patients in Puerto Vallarta, Mexico. (www.rlite.net).

Peter Triolo, Jr. ('87 DDS, '91 MS) retired from the University of Texas School of Dentistry in Houston, Texas. He served in many administrative roles at the University of Texas, including chair of restorative biomaterials; associate dean of patient care; interim associate dean of research; and professor and associate dean of technology services and informatics. He and his wife, Pamela, live in Spring, Texas.

James Courey ('88 DDS) is on staff in the Implant and Prosthetic Departments of Columbia University College of Dentistry in New York City, New York.

The Kansas Dental Association's 2014 Dentist of the Year Award was presented to **Dr. Lucynda Raben** ('83 DDS), of Wichita, at the KDA Annual Session on Saturday, April 12. Recently, Dr. Raben testified to the Kansas Legislature House Committee of Health and Human Services in favor of community water fluoridation. She also served as a leader in Wichita in last year's attempt to keep optimized levels of fluoride in the water.

Jennifer Loucks Buren ('04 DDS, '06 MS and Cert. in Ortho) and her husband Chris, welcomed their second son, Samuel Ryan, born September 27, 2013 and big brother William is 5 years old. They live in Newton, Iowa. Her partner **Carney Loucks** ('81 DDS, '83 MS and Cert. in Ortho) is excited to have a new grandson.

DH 1961: **Patricia K. Peterson** of West Des Moines, Iowa, died Jan. 15, 2014.

DDS 1963: **Donald E. Wahl** of Ankeny, Iowa, died Mar. 20, 2014.

DDS 1964: **James D. Shelton** of Alpine, California, died Mar. 8, 2014.

DDS 1965: **Don E. Strub** of Mill Valley, California, died Feb. 1, 2014.

MS and Cert 1967: **Hal Gene Pickett** from Boise, Idaho, died April 12, 2014.

DH 1973: **Rita E. Phelps** of Muscatine, Iowa, died Apr. 9, 2010.

DDS 1976, MS Oral Path 1982: **Michael W. Finkelstein** of Coralville, Iowa, died Dec. 28, 2013.

DDS 1983: **Larry Compton** of Huntersville, North Carolina, died Aug. 21, 2013.

MS Endo 1990: **Joseph S. Dovgan** of Paradise Valley, Arizona, died Oct. 21, 2013.

Dental Hygiene 1992: **Danielle (Thomas) Adams** of Rockford, IL, died January 2014.

DDS 1995: **Marc A. Hagen** of Waverly, Iowa, died Feb. 12, 2014.

Joseph Ivory ('04 DDS) finished his residency in oral and maxillofacial surgery in June 2013 and on staff at Womack Army Medical Center in Fort Bragg, North Carolina. In June 2014, he will begin a fellowship in oral and maxillofacial surgery at the Oral Facial Surgery Institute and Implant Center at Saint John's Mercy Hospital in Saint Louis, Missouri.

Adam Schmidt ('12 DDS) after graduating, entered active duty with the United States Navy and completed one year General Practice Residency at Walter Reed National Military Medical Center in Bethesda, Maryland. Now serving a three year operational tour at Camp Lejeune, North Carolina, with the 2nd Marine Logistics Group, 2nd Dental Battalion.

Mark Scallon ('13 DDS) has become a partner in practice with Greg Beernink ('84 DDS) in Orange City, Iowa.

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THE UNIVERSITY OF IOWA

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Visit the college online at
www.dentistry.uiowa.edu

historical IMPRESSIONS

The Origins of the mouthguard

Ever wonder who first used mouthguards? They were originally created for boxers. In 1892, a British dentist, Dr. Woolf Krause, used gutta-percha to protect boxers' teeth. In 1921, his son, Phillip, created a mouthguard that could be reused. In the early 20th century, American dentists, Dr. Thomas Carlos and Dr. E. Allen Franke, also developed mouthguards.

Because many of football's injuries were orofacial, the American Dental Association (ADA) recommended the use of mouthguards in all contact sports in 1960. By 1973, the NCAA required the use of mouthguards for football. Today, the NCAA also requires the use of mouthguards for ice hockey, field hockey, and lacrosse. The ADA now recommends the use of mouthguards in 29 sports, including rugby, ice hockey, basketball, handball, bandy (a winter team sport played on ice), baseball, bicycling, gymnastics, water polo, wrestling, surfing, skiing, weightlifting, skydiving, squash, softball, shot putting, equestrian, and skateboarding.

