College Welcomes Katie Geiken, New Collegiate Foundation Director

Katie Geiken has lived in several regions of the U.S. Born in Ohio, she was raised in Miami, Florida, and attended the University of Florida, Gainesville, where she received her BA in philosophy.

Her first job following graduation was with the Sea Turtle Conservancy, a Gainesville non-profit organization. The development position appealed to her because she wanted to do something she felt good about, in a mission-driven job that mattered.

A few years later, Katie and her husband, Carl (an Iowa native) moved to Sacramento, California, where she worked for three years at Capital Public Radio in a larger development department. Here she was responsible for various fundraising projects related to pledges and membership drives.

When a development directorship position with the Pacific Crest Trail Association (PCTA) became available, Katie applied for it and was hired. The association is dedicated to protecting, preserving and promoting the 2,656 mile PCT trail, which runs from the Mexico border through California, Oregon and Washington to Canada.

It was during a subsequent job with CCS, a fundraising firm that helps non-profit organizations raise money, that Katie became involved with major fundraising projects and capital campaigns throughout the Midwest. She recalls the experience was enlightening: “Major gifts can be transformative for organizations and can also change lives,” Katie realized. “This is what I want to be doing.”

In 2008, Katie and Carl moved to Iowa City and in 2010, she became the executive director of the

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Iowa Leads Big Ten Dental Schools

In addition to being an invaluable resource to Iowa, our College influences the direction of dentistry in this country and around the world. Research has been a primary area for global influence. Other influences include deans of dental schools and educational development.

Four Big Ten Universities’ dental schools have deans with Iowa connections.

Dr. Clark Stanford (‘87 DDS/’92 Cert and Ph.D.), recently appointed dean at the University of Illinois at Chicago, says: “Iowa’s academic culture is rich with the desire to perform at your very best, to listen, understand and act in a way that demonstrates humility and kindness for the thoughts and interests of those around me. Iowa has phenomenal strengths in the quality of the people, their desire to work as a team and to support staff and faculty in an inclusive and supportive environment. Iowa taught me that ‘No’ is not an option.”

Dr. Janet Guthmiller (‘80 DDS), recently appointed dean at Nebraska, comments: “Iowa has a strong understanding and support of the tripartite mission of a dental school and there is a sense of community and collegial support. There are numerous opportunities for professional growth/faculty development with engagement in the University and external communities.”

Dr. Patrick Lloyd, dean at The Ohio State dental school, notes: “I was attracted to Iowa back in 1996 for a host of reasons, the most significant of which was to work alongside people who had a reputation for accomplishing great things and doing it with a strong sense of institutional pride. I knew that many respected scientists and clinicians in dental schools all over the world had been a student, resident, or faculty member at Iowa along with several senior dental administrators – deans, chancellors, and even a university president got their start at Iowa. There is a mystique among its graduates about an Iowa Magic that has created an intense level of loyalty for the institution. My time at Iowa gave me so many opportunities to learn and grow, and those experiences helped shape everything I have done in my professional life.”

And me, Dr. David Johnsen (’73 MS) here at Iowa.

All have intellect, energy, and heartland values. And, other schools do come after your best people!

62nd Annual Meeting of the Iowa Section of the American Association for Dental Research (AADR)

The 62nd annual meeting of the Iowa Section of the American Association for Dental Research (AADR) was held February 10, 2015, at the UI College of Dentistry.

Dean Johnsen gave the welcome address and Dr. Chris Barwacz, president of the Iowa Section of AADR, gave an introduction for the keynote speaker, Dr. Anthony Brennan, University of Florida at Gainesville, whose address was “A New Model for Bioadhesion.”

Following Dr. Brennan there were oral, poster and table clinic presentations.

The awards banquet was held that evening at the Coralville Holiday Inn.

Rebecca Van Horn, Procter and Gamble, attended the meeting and awards banquet. Meeting sponsors included DENTSPLY Implants, the American Dental Association, Omicron Kappa Upsilon National Dental Honor Society, and Procter and Gamble.
Tariq Ghazal, BDS, MS and PhD student in oral science has been selected as an Obermann Graduate Fellow for the Obermann Graduate Center on Engagement and the Academy.

Erica Recker (D2) published an article, “A cross-sectional assessment of biomarker levels around implants versus natural teeth in periodontal maintenance patients,” in the September 30 early bird online version of Journal of Periodontology.

Thomas Crary (D3), Jessica Gradoville (D3) and Hayley Rinehart (D2) received the 2015 American Association for Dental Research Bloc Travel Grants.

Ahmed Mahrous, a prosthodontics resident, has received a $6,000 American College of Prosthodontist Education Foundation Research Fellowship Award for his research, “The Use of Topical Subgingival Application of Simvastatin Gel in the Treatment of Peri-implant Mucositis.”

Saulo Sousa Melo, a second-year radiology resident, has been awarded the 2014 Radiology Centennial Scholarship by the American Academy of Oral and Maxillofacial Radiology.

Mark Sullivan (in photo above), an endodontics resident, received the University of Iowa Hospitals & Clinics Service Star Award for his personal care of a dental patient.

Her goals for the College of Dentistry are to “dive deeper into each department,” to determine priorities in which donors can invest.

In their spare time, Katie and Carl enjoy bicycling and yes, they have ridden on RAGBRAI, that famous annual “moving city” bicycle ride across Iowa – it was Katie’s first experience with the state. She and Carl have hiked portions of the Pacific Crest and Appalachian Trails, as well as other trails throughout Iowa. Additionally, Katie experienced her first canoe trip in northern Minnesota’s Boundary Waters Canoe Area (BWCA) but acknowledges it wasn’t the most favorable experience: “rain, sleet, snow and hail, all in one day of paddling.” Nonetheless, she may try another BWCA canoe trip someday.

The active couple has two cats, Elsie and Furlough (the latter showed up on their doorstep during a federal government furlough). Their energetic border collie mix, Bandi, enjoys herding Katie and Carl when she’s off leash. Voracious readers, the couple can often be found snuggled with their pets and a good read.

Welcome to the College of Dentistry & Dental Clinics, Katie!
Russell Christian ('95) and Dave Jackson ('92) were inducted into the International College of Dentists at the annual meeting in San Antonio, TX on Friday, October 10, 2014.

In memoriam

DDS 1936: Meyer Lipton of Arundel, Me., died May, 1982.
DDS 1945: Justin Dunn of Cedar Rapids, Ia., died Feb. 17, 2015.
DDS 1948, MS and Pros Cert. 1952: Roscoe Thoen of Spokane, Wa., died May 8, 2015.
DDS 1951: N. W. Blackman of West Liberty, Ia., died Oct. 20, 2014. Dr. Blackman's, DDS from the University of Iowa, College of Dentistry came with the help of a G.I. Bill following WWII created an opportunity for a very successful practice that impacted many people in the little town of West Liberty.
DDS 1952: Raymond Berner of Traer, Ia., died May 22, 2015.
DDS 1952: Howard Thomasson of Belle Plaine, Ia., died Nov. 21, 2014.


DD 1962, MS 1967: **John Thomas** of Tigard, Or, died Nov. 6, 2014.


The Division of Comprehensive Care (now known as the Department of Family Dentistry) was established in 1971. In 1972, Dr. George North, a part-time faculty in Comprehensive Care, with the guidance of Dean Donald Galagan, created the Comprehensive Care model: small groups of fourth-year dental students treated patients under a single faculty’s supervision. Dr. North accomplished this challenging task while commuting from Allison, Iowa, where he maintained his private dental practice.

Prior to introducing this model, dental students had been required to complete certain treatment procedures in each specialty before they graduated. Each procedure was evaluated by a faculty member in that specialty but not all departments had a representative available during all clinic periods.

In the 1970s, the College of Dentistry’s curriculum began including an additional block of clinic time called Dental Assistant Utilization (DAU). The block’s purpose was to instruct dental students in communication and personnel management, office management, time utilization, and auxiliary personnel utilization with four-handed dentistry, which simulated a private practice. Dr. Daniel Hall was the program director. “The goal for dental treatment was to have a continuity of care in the clinic,” says Dr. Hall. “Before four-handed sit down dentistry, the dental student curriculum was very technique-oriented.” This new team approach also emphasized a better-managed patient pool for students — 20 patients per dental student and requirements regarding the completion of the rotation by students.

In addition to the College of Dentistry Family Dentistry department clinic, the Oakdale campus clinic also provided a DAU rotation opportunity for the dental students. It was directed by Dr. Larry Crabbe, a Family Dentistry faculty.

Tammi Hamer, Dental Human Resources, worked as a dental assistant in Family Dentistry before changing jobs. “The dental assistants taught [the dental students] how to implement four-handed sit down dentistry,” she says “We worked with them … and rotated through the entire fourth-year class every year. We lectured, worked hands-on, and did evaluations of the students.”

Dr. David Holmes, current head of Family Dentistry, attests to the success of their comprehensive care model: “The University of Iowa program has been a model for several comprehensive care programs at other dental schools. I took a lot of these ideas with me to.

“The program is to contribute in a complementory and additive way to the education of a dentist who is well informed … This dentist shall be more broadly based and better equipped to diagnose, to plan, to counsel, to treat with or without consultation, to refer when indicated, and to monitor with continuity the lifetime oral health of the patient that exceeds that of the exceptional dentistry of yesterday and today.”

—James H McLeran, former Dean (right)
Denver in 1997 when I became the first chair of the new division of comprehensive care and the first director of the new comprehensive care clinic at the University of Colorado School of Dentistry.”

In 1973, when the college prepared to move to the new dental science building on the health sciences campus, it became evident that Comprehensive Care would require a full-time department chair. When Dr. North decided to continue his private practice, he was replaced by Dr. Richard Gardner who became the first full-time head of the division. The following year, three full-time faculty members were hired: Drs. Thomas Gardner, Howard Dedmon and John Doering. During this time, Dr. Doering became the DAU program director. In 1976, Dr. Richard Gardner left [no photo available] and Dr. Daniel Hall became department chair. During this time the division’s name was changed to the Department of Family Dentistry.

Dr. Holmes emphasizes the vision and mentorship provided by Dr. Hall and the other founders of the department: “Dr. Hall was a mentor to me when I was a dental student (’78 DDS) and he was also a mentor to me when I became a faculty member in the Department of Family Dentistry (1986-1997).”

Two national conferences on comprehensive care in clinical dental education had been hosted by the University of North Carolina in 1969 and 1975. In 1983, Dean James McLeran and Executive Associate Dean John Montgomery believed Iowa’s model of comprehensive care was outstanding so Dr. John Doering organized a conference sponsored by Procter & Gamble at the UI College of Dentistry.

During the meeting, Dr. Doering commented that “…nearly all schools have considered the potential of these programs and many collegiate clinics are now implementing several of the concepts…each school has addressed these concerns in a different manner…”

Dean James H. McLeran described the Family Dentistry philosophy in an 1984 article he published in the Journal of Dental Education: “The program is to contribute in a complementary and additive way to the education of a dentist who is well informed … This dentist shall be more broadly based and better equipped to diagnose, to plan, to counsel, to treat with or without consultation, to refer when indicated, and to monitor with continuity the lifetime oral health of the patient that exceeds that of the exceptional dentistry of yesterday and today.”

Another valuable component of the dental students’ education included former adjunct faculty like Dr. Larry Nash, who taught in the Comprehensive Care/Family Dentistry Clinic from 1964-1994 and witnessed the evolution of the department. As one of four to five adjunct faculty members at that time, Dr. Nash enjoyed getting out of his private practice one day a week to spend time working with a dental student. “The value of adjunct faculty,” he says, “is talking with students about how dentistry is done in private practice.”

Dr. Hall adds that adjunct faculty can also “talk to students about how their dental school experiences fit into the private practice model, adding nuances that the college environment cannot replicate.”
Dr. Hall remained department head until 1994 when he became dean for Clinical Administration. (He retired in 1997.) Dr. John Doering filled in as interim dean until Dr. Patrick Lloyd was hired as the new DEO in 1996.

In 2004, when Dr. Lloyd accepted the deanship at the University of Minnesota’s dental school, Dr. Doering again served as interim associate DEO until Dr. David Holmes returned to Iowa as head of the Department of Family Dentistry. In 2005, Dr. Larry Squire took over the DAU program from Dr. Bruce Justman who had served as program director beginning in 1992. “Now with our four operatories, and by adding a staff component,” Dr. Squire says, “we have another way to integrate what they’ve learned in Family Dentistry.” The DAU program, in simulating a private practice, also advises the dental students about their profit/loss margin.

Today, with the completion of the building transformation, the Department of Family Dentistry is even more centered on the comprehensive patient care concept and the private practice modality. The clinical patient operatories are larger now, with updated equipment and technology that includes digital radiography. This better prepares Iowa’s dental students for the transition to the real world of 21st century dental patient care.

Thanks to Drs. Dan Hall, Larry Nash, David Holmes, John Doering, and Bruce Justman for providing valuable input for this history. And thanks to Dr. Bill Johnson for suggesting the idea.

“Now with our four operatories, and by adding a staff component, we have another way to integrate what they’ve learned in Family Dentistry.”

—Larry Squire
The 2014 Iowa Mission of Mercy (IMOM) was held September 26 and 27 in Waterloo, Iowa. There were 170 College of Dentistry faculty, staff, students and residents who volunteered their time, along with many other dentists, dental hygienists, and dental assistants from across the state. Over the two days, cleanings, extractions, fillings and tooth replacements were performed for over 1,100 dental patients. In all, more than $760,000 in treatment was provided.

**FACULTY**

**Trishul Allareddy**, BDS, MS, oral pathology, radiology & medicine, received the American Academy of Oral and Maxillofacial Radiology’s Scientific Reviewer Award for his work in reviewing papers for the radiology section of Quad O.

**Azeez Butali**, DDS, PhD, oral pathology, radiology & medicine, is a co-investigator on an NIH subcontract for $1,300,000 from the University of Pittsburgh to study the genetic factors underlying the spectrum of craniofacial and dental anomalies.

**Gustavo Avila-Ortiz**, DDS, MS, PhD, periodontics, was appointed to the *Journal of Dental Research* editorial board and will serve a three-year term.

**Dan Caplan**, DDS, PhD, head of preventive & community dentistry, received a two-year $25,000 Delta Dental of Iowa Foundation grant for his study, “Restoration and Tooth Longevity among Nursing Home Residents: a 30-Year Retrospective Study.”

**Dr. Larry Crabb** of Lonoke, Ar, passed away on June 2, 2015.

**Peter Damiano**, DDS, MPH, preventive & community, was interviewed by Iowa/National Public Radio about the collapse of CoOportunity Health, second largest healthcare insurance cooperative in the U.S.

**Isabelle Denry**, DDS, MS, PhD, Dows and prosthodontics, was invited to serve as a member of the Musculoskeletal Tissue Engineering Study Section, Center for Scientific Review, for a four-year term.

**Satheesh Elangovan**, BDS, DSc, DMSc, periodontics, received a two-year $406,285 NIH grant for his research, “A Novel RNA-Based Biomaterial for Bone Regeneration.”

**Julie Holloway**, DDS, MS, head of prosthodontics, was elected to the office of treasurer of the American College of Prosthodontists.

**Ray Kuthy**, DDS, MPH, preventive & community dentistry, was awarded a cooperative agreement from the Health Resources and Services Administration to establish an Oral Health Workforce Center (OHWRC). He and other members will serve as advisors and assist the OHWRC research team in strengthening its research products.

**So Ran Kwon**, DDS, MS, PhD, MS, operative dentistry, received considerable press about her research on a homemade whitening remedy using a strawberry baking soda that had been touted on The Dr. Oz show. Dr. Kwon found it does not whiten teeth.
Tad Mabry, DDS, MS, pediatric dentistry, was inducted as a fellow in the American College of Dentists.

Lina Moreno, DDS, PhD, orthodontics, received an NIH subcontract for $256,660 from the University of Pittsburgh to study the genetic factors underlying the spectrum of craniofacial and dental anomalies.

Arwa Owais, BDS, MS, pediatric dentistry, received a $4,000, one-year Delta Dental of Iowa Foundation grant for her research, “Bedsharing and Nighttime Oral Health Habits among WIC-Enrolled Children Study.” She also received a second one-year $25,000 grant from Delta Dental of Iowa Foundation for her research, “Medical Management of Caries in the Primary Dentition Using Silver Nitrate: a Pilot Study.”

Julie Reynolds, DDS, MS; Ray Kuthy, DDS, MPH, Mary Kelly-Grief, DDS (graduate fellow); and Susan McKernan, DDS, MS, PhD released a report assessing the dental hygiene workforce in Iowa. The assessment was a collaboration with Delta Dental of Iowa Foundation, the Iowa Dental Board, the Iowa Dental Hygienists’ Association, Iowa Department of Public Health, Iowa Workforce Development, and Iowa dental hygiene programs.

Cheryl Straub-Morarend, DDS, family dentistry; and Christopher Barwacz, DDS, family dentistry, were inducted into the International College of Dentists (ICD).

Ghaeder Thalji, BDS, PhD, prosthodontics, received a Glaxo-Smith-Kline Prosthodontic Innovator Award.

Paula Weistroffer, DDS, MS, periodontics, received the 2014 Collegiate Teaching Award for her teaching and leadership.


An article published in the Journal of Dental Education (JDE) by College of Dentistry staff and faculty is one of the top 12 JDE articles for 2014:


The authors include Ms. Debra Hoyle, Ms. Penni Ryan and Dr. Jed Hand, Dental Administration; Dr. Peter Damiano, Department of Preventive & Community Dentistry; and Dr. Galen Schneider, executive associate dean.

Dr. Mike Walker (’10), Dr. Geoff Mykleby (’78), Coach Jim Voss, Dr. Brian Mykleby (’81), Dr. Chris Tyler (’96) Former Cedar Rapids Washington High School Swimmers (now dentists) honored their coach, Jim Voss.
The Mystery of the Former Dental Student and Non-Alumnus

A mystery arose when a Ms. Lankford inquired about a relative, William Kelly George Brown, who reportedly had graduated from our dental school between 1910 and 1920. Brown, however, was not listed in the UI alumni database nor was he listed in an old spiral-bound dentistry notebook containing handwritten and typed names of alumni dating back to 1883.

When queried further, Ms. Lankford noted that Dr. Brown had practiced dentistry in Chickasha, Okla, where he had lived until his death.

The 1911 *Hawkeye* yearbook provided some clues: there was a photo of Brown who was listed as a dental student in 1910. (The yearbook stated he had also completed one year of undergraduate work in 1906.)

The UI Office of the Registrar also offered some information taken from his transcript: W.K.G. Brown was born in 1887 and raised in Davenport, Iowa. The Registrar’s Office confirmed that although Brown had been in dental school from 1908 to 1910, he had not graduated.

After submitting a query to the Oklahoma Board of Dentistry, they replied: “…W.K. Brown was issued Oklahoma dental license #967 on May 16, 1911, by examination.” This information, coupled with an article in a 2007 issue of the *Journal of the Oklahoma Dental Association*, resolved the puzzle. In 1911, Mr. Brown was legally still allowed to practice dentistry in the new state of Oklahoma without a dental diploma because he had passed the required dental examination.

So concludes the mystery of William Kelly George Brown, a former Iowa dental student and non-alumnus of the UI College of Dentistry!