

EXPLORER

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The Art of Science

You've probably seen them in natural history museums, in magazines or on the covers of journals. And you probably didn't know exactly what you were looking at . . . you just knew they were breathtakingly beautiful and amazing. What you might have been looking at was the result of advances in microscopy technology that enable researchers to capture images that are so stunning, they can justifiably be called art.

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The Art of Science

continued from cover

Researchers in the UMKC Department of Oral and Craniofacial Sciences are bringing the art of their science to life by sharing their remarkable images with their colleagues as well as the public. Dr. Jeffrey Gorski, a professor, Dr. Sarah Dallas, the Lee M. and William Lefkowitz Endowed Professor, and Dr. Linda Bonewald, Endowed Professor in Dental and Mineralized Tissue, have shared their scientific imagery with a variety of audiences.

Dr. Bonewald and Dr. Gorski are among a select group of scientists in the Kansas City metro area whose science has been transformed into art for the “Science to Art” silent auctions that serve as a fundraising event for the Kansas City Area Life Sciences Institute (KCALSI). The proceeds from the art auction support various STEAM (science, technology, engineering, arts and math) education organizations in the Kansas City area.

Drs. Gorski and Dallas also have had their work reproduced as the cover art for scientific publications. Dr. Gorski’s work has appeared on the cover of two journals: the June 2014 issue of *Bone* with the related article, “Type VII collagen is enriched in the enamel organic matrix associated with the dentin-enamel junction of mature human teeth” (McGuire JD, Walker MP, Mousa A, Wang Y, Gorski JP); and on the May 2015 issue of *Human Molecular Genetics* with the related article, “MBTPS1/SKI-1/S1P proprotein convertase is required for ECM signaling and axial elongation during somitogenesis and vertebral development” (Achilleos A, Huffman NT, Marcinkiewicz E, Seidah NG, Chen Q, Dallas SL, Trainor PA, Gorski JP). The work of Dr. Dallas has graced the covers of: the June 2013 issue of *Bone* with the associated article “Studying osteocytes within their environment” (Webster DJ, Schneider P, Dallas SL, Muller R); and the July 2015 issue of *Bone* with the associated article “Novel approaches for two and three dimensional multiplexed imaging of osteocytes” (Kamel-ElSayed SA, Tiede-Lewis LM, Lu Y, Veno PA, Dallas SL).



STAFF

Becky Higgins	<i>Manager of Alumni Relations & Editor in Chief</i>
Hilary Wheat	<i>Director of Development</i>
Bill Marse	<i>Managing Editor</i>
Patrick Puntenney	<i>Editor</i>
Alecia Wright	<i>Art Director</i>
Carla Preuss	<i>Graphic Designer</i>
Jim Thomas & Armando Diaz	<i>Photographers</i>

Published by:

UMKC School of Dentistry
Office of Alumni & Development
650 E. 25th St.
Kansas City, MO 64108
800-887-4477
816-235-2060
Fax: 816-235-5892
E-mail: explorer@umkc.edu
Web: dentistry.umkc.edu

Dear Colleagues and Friends,

Our largest, most precious resources at the School of Dentistry include our human capital! The School's faculty and staff, many of whom are our own alumni, help us achieve our mission of educating and developing tomorrow's dentists, dental hygienists and scientists!

I so appreciate our staff. We couldn't achieve our mission without their dedication. We have so many staff who day-in-and-day-out contribute to our success by performing many of the most essential functions of our institution, demonstrating their enthusiasm and compassion every day!

Like our staff, faculty come to our ranks via a variety of paths, each different, each with unique skills and attributes. Some of our faculty members have had a life-long commitment to dental education. They knew early on their paths in dentistry involved shaping the next generations to carry our professions forward to bigger and better achievements. Some even received their foundational training at our very own school (a product of past outstanding faculty and staff). These folks bring the educational theory, practice and educational structure to our learning mission. Based in terms like "competency," "masterly learning," "authentic assessment," "scientific inquiry for education," these faculty bring expertise that keep us competitive and at the top of our game educationally. They help us clinicians develop to be great educators! These individuals guide our approach to education that is state of the art and forward thinking, using evidence-based teaching and learning techniques.

Some faculty come to us with unique perspectives contributing to new knowledge through scientific

inquiry and all forms of basic to clinical research. They often focus solely on research, but some have a broad perspective of science and the clinical practice of dentistry and dental hygiene that creates a wonderful perspective on our profession's position, direction, and future in the context of health care and our place within it, among other issues. We have world-renowned basic and clinical scientists who ask and solve important clinically relevant questions. We also work with industry to explore techniques and products. Collectively, their discoveries have changed our world!

Another group of faculty join us after careers in private practice or dedicated careers in the military. These members bring the reality of practice to our educational program. Especially motivating to our students, these faculty represent the "real deal." There is always admiration for our clinical faculty who have practice experience because students want to know what their practice lives will be like upon graduation. Our many specialty faculty have focused on their chosen discipline for advanced study and concentration. Whether an orthodontist, educational specialist,

or researcher or epidemiologist, each plays an important role at the School.

As you can see, the pathways leading to our community at the School of Dentistry are varied, unique and incredibly important to who we are as a School and profession. Through these committed faculty and staff we shape our culture as a School, our commitment to educating our students and our dedication to living our core values of Excellence, Compassion, Integrity and Justice. I must say that I am immeasurably privileged, proud and amazed to work with such talented, positive, bright individuals here at UMKC.

Together, each of these important segments of our School community contribute to our accomplishments in each of our mission domains: excellence in teaching, research and service to patients and the community. We can't be successful without this diverse group of faculty and staff who help us achieve our goal as an educational institution. Each day we strive to reach higher in order to achieve the next rung of excellence. To all those special faculty and staff in our School — thank you!

Musha Fife



Alumni News • Meet Your New Leadership



Gerry Ogilvie (DDS '73)
Rinehart Foundation Chair

Gerry Ogilvie

Rinehart Foundation Chair

Q: What is your favorite memory of dental school?

A: My favorite memories involve my classmates. We had the first large class and were the first class to attend all four years in the new building (that's what we called it! Guess I'm old.) My best memories were playing bridge in a smoke-filled canteen or at the Dutch Hill Tavern at 25th and Holmes. And I loved participating in the live skit for the all-school party currently known as the Mandiball.

Q: What is the most rewarding thing about your job?

A: The most rewarding thing for me as a dentist has been gaining a patient's trust. It took me a long time to develop that skill, but it was essential to help patients move forward with the dentistry they needed. As I gained experience, I was able to gain trust quickly and get the patient started down the road.

In my current job as a clinical instructor at the School of Dentistry I get to help new dentists get started. I enjoy passing on my 40 years of practice experience.



Michael Strand (DDS '03)
Dental Alumni Association President

Q: Any honors/awards/proud moments of your career that you would like to share?

A: Awards are nice, but my proudest moments are with patients at recall visits, seeing them stay healthy for 20–30 years after treating them. These people trusted me and we became friends. Dentistry is an intimate profession. That's what's great about it. Currently, my proud moments are working with students and residents and seeing them "get it."

Q: Why did you choose the dental profession?

A: My dentist was a close friend of the family. I always liked going to his office, and I went every six months. Dentistry always seemed like fun. He was well-respected in our small town, and I liked the professional aspect of dentistry.

Q: Tell us about your personal background.

A: My wife, Annie, is my hero. She is a calming, steady, loving influence, and she makes our home a safe place. We have a blended family with four adult children and six grandchildren who keep us busy and often need our time and attention. It's a great place to be.



Kelly Dold (DH '08)
Dental Hygienists' Alumni Association President

My other family was my staff, some of whom worked for me for 30 years and more. They helped me become a better dentist and a better person.

Q: What is the best advice you could give to recent grads?

A: I know that life is short, but I'd also emphasize that life is long. You have time. Just begin the journey and move forward. Don't take yourself too seriously. When things don't go your way, just learn from it and move forward. Do your best to understand your patients and help them also to move forward. It's all about moving forward.

Q: What is the best thing about being a UMKC School of Dentistry graduate?

A: We're a community. We see each other at meetings and even when we don't discuss it, we all shared the dental school experience at UMKC. It's the tie that binds, and there is a pride reflected in the allegiance of alumni, old and new.

Michael Strand

Dental Alumni Association President

Q: Why did you choose the dental profession?

A: I broke a front tooth in the sixth

grade, and I remember thinking my life was over. The tooth was Dumb and Dumber broken! We lived in Southern New Mexico, and we would play this game where we would take these little round rocks and flick them. It would make a little hum and could dent wood . . . or knock out a tooth. My dating life hadn't even begun, and it was already over. I do not have any family members who are dentists, but my mom had in-home daycare and one of the parent's, John Gordon (a 1980 UMKC grad), was a dentist. Dr. Gordon went in and fixed my tooth and you couldn't even tell. I was absolutely amazed. It was also about curiosity. I was curious what was going on when I was sitting in the chair having someone work on my teeth and I couldn't see what was happening.

Q: What is your favorite memory of dental school?

A: It was before dental school, but I made a number of visits to different schools. I remember driving up to UMKC and saw someone walking down the street in scrubs and it was like I was seeing a celebrity. There they were just walking in their scrubs, and I remember thinking that I wanted to be that person. I was in total awe. It was like they were a movie star or something. I really enjoyed dental school. I had a great class and made some really good friends.

Q: What is the most rewarding part of your job?

A: I am an endodontist. The most rewarding thing for me is when someone comes into my office and they are begging for help because they have been in so much pain that they haven't slept for days. I like it when I can relieve their pain and help them. To be able to calm people down and talk to them rationally and stop them from hurting . . . that is very rewarding. I recently had a girl in her early 20s come into my office, and her mom told me that she refused to have anyone touch her mouth without sedation. We were able to talk through the

expectations, and I was able to work on her even without nitrous.

Q: Tell us about your personal background.

A: I have three kids, two boys and the youngest is a girl. They are 15, 13 and 11. Both my sons are active in karate, and my oldest is about to become a black belt!

Q: Do you have any honors or proud moments of your career that you'd like to share?

A: I've done every single Oklahoma Mission of Mercy event that OKMOM has had in the past seven years, and I've been the lead endodontist for the past four years. I've also been a delegate for the Tulsa County Dental Society as well as a past president of the Tulsa County Endodontics Study Club.

Q: What is the best advice you could give to recent grads?

A: Stick to what you were taught in school. You were taught the correct way to do things. Sometimes a sales person can sound like they know what they're talking about. Just remember that they did not receive the same training that you did in school . . . they are trying to sell you something and make a profit. You know the difference between right and wrong. Always do the right thing and always listen to your conscience.

Q: What is the best thing about being a UMKC School of Dentistry grad?

A: The alumni. The people. And the training you receive. The dental training you receive from there is top notch and will more than prepare you for your dental career. Better than any other school I have visited or come across.

Kelly Dold Dental Hygienists' Alumni Association President

Q: Why did you choose the dental profession?

A: I actually wanted to be a teacher at

first and went to school for that but realized it wasn't right for me. I was trying to figure out what I wanted to do, then one day I went to the dentist and realized that I love going to the dentist! I asked my hygienist more questions and discovered that it would be a great fit for me.

Q: What is your favorite memory of the School of Dentistry?

A: I enjoyed the people I went to school with the most. We were a very close class and really encouraged and helped each other, so we could succeed together. I am still very close with many of my classmates.

Q: What is the most rewarding thing about your job?

A: I really like helping people. It sounds cliché, but when you get a very sincere thank you from patients because they are excited to have clean teeth and a healthy mouth, it makes you feel good. I have worked at Westwood Dental for eight years now and have developed some really good relationships with my patients there. I have been seeing some of them since I started there. I really enjoy the people that I have gotten to know.

Q: Tell us about your personal background.

A: I am getting married in October. We are going to Florida for a beach wedding. We have a huge heart for animals. He had a dog and cat before we met, and I had a rabbit and dog, so we now have a whole house of animals that surprisingly get along well.

Q: What is the best advice you could give to recent grads?

A: It only gets better! Everything clicks after you have been out of school for a while, and then you really come into your own as a hygienist.

Q: What is the best thing about being a UMKC School of Dentistry graduate?

A: You are equipped with all the right knowledge to go out and be the best professional you can be. You are always meeting other UMKC graduates in the community and at dental events.

A Lifelong, Lifesaving Friendship

As members of the DDS Class of 1978 and as roommates during dental school, Dr. C. Thomas (Tom) Howard and Dr. Mike Malone became such

good friends during dental school that they kept in touch during the ensuing four decades while they practiced dentistry an hour and a half from each other (Mike in Rolla, Mo., and Tom in Washington, Mo.). That lifelong bond became even deeper on January 20, 2015.

On that wintry Tuesday morning at Barnes Hospital in St. Louis, Mo., Tom gave Mike a gift that they're both confident will keep on giving for the rest of their lives — a kidney. More than a year later, they report that they're both doing just fine.

This particular chapter of their friendship actually began in February 2014 when Mike learned that he needed a transplant. A month later he began peritoneal dialysis, then in June he was admitted to the kidney transplant program at Barnes Hospital in St. Louis, Mo. Shortly after that Tom called for one of their regular how-ya-doin' chats. "I told him my situation," said Mike, "and he volunteered immediately to be tested

as a potential donor. What a friend!"

Mike says the decision to have a transplant was easy for him: "The best way to describe dialysis is it keeps

you alive, but your life is on hold until something better comes along that allows you to really start living again. After a successful kidney transplant, you have a normal life as long as you follow your doctor's orders."

Prior to their surgery date, they both went through an exhaustive battery of pre-operative tests

and procedures. After Tom completed what he calls the "the most exhaustive health history ever," he was accepted as a match by Barnes Hospital in September 2014. According to Tom, "As soon as Barnes approved me as a match, I said let's do it! Then I went through the most extensive physical work-up ever, and Mike's insurance paid for it all. I went to Barnes probably at least 5–6 times, plus 3–4 visits to the local hospital for blood testing, X--rays, EKG, etc."

As for the day of the surgery, Tom says of his experience as the donor, "I was naturally scared about a 2–4 hour operation under a general anesthetic

to harvest my kidney. Plus, will it hurt? But I was in one of the very best centers for living organ donations in the country. Post-op it felt like I'd been stabbed in the back, and they had twisted the knife around (which they had). My recovery was uneventful, and blood tests have revealed that my remaining kidney is perfectly up to task of what it should be doing."

Their shared experience as donor and recipient has left them with a special appreciation of life and the people in their lives. Mike reflected that "Tom gave me the greatest gift that one person can give another — the gift of life. I am extremely happy to be off dialysis and feeling well again. I feel better than I have in 25 years. My advice to others is, don't take your health for granted and give thought to signing up to become an organ donor."

"I am eternally grateful," said Tom. "Watching Mike recover both physically and mentally has been awesome! This is a great time to be alive here on the planet earth! My take on all this is that the good Lord gave us two kidneys so we could share one of them. Medical technology has caught up with the human race so that is now a reality."

Their enduring bond is a testament to how our alumni's dental school experience can have a powerful influence in shaping their careers as well as their lives.



Mike Malone (L) with his wife, Beth, and Tom Howard(R) with his wife, Joan, at Mammoth Cave Park, Ky., this spring.

Upcoming UMKC Continuing Dental Education Programs

To register, call UMKC Continuing Dental Education: 816-235-2142

Also, visit our website:
www.umkc.edu/dentistry/ce

Local Anesthesia for the Dental Hygienist

July 29–31, 2016, — Course 1600

Zero Sensitivity Composite Procedures

Sam Halabo, DMD

Friday August 5, 2016 — Course 1626

Practicing in the Dental Hygiene Public Health Safety Net

An Online Course through UMKC School of Dentistry

Cindy Amyot, RDH, EdD, & Kylie Austin, RDH, MSDH

Fall Semester, September–December 2016 — Course 1627

The Dental Professional's Role in Managing Patients with Diabetes

Sponsored by Colgate

Janette Delinger, RDH, MSDH

Thursday, September 8, 2016 — Course 1628

Taking Control of the New Endodontics

A Clinical Day That Will Make Your Rotary Endodontics Safe, Smart, and Now!

John West, DDS, MSD

Saturday, September 24, 2016 — Course 1629

Nitrous Oxide for the Dentist, Dental Hygienist, and Dental Assistant

Amit Kumar, DDS, & Narayanan Sreenivasan, DDS

Friday & Saturday, October 28 & 29, 2016 — Course 1630

CLASS NOTES

• 1975 • 1970 • 1965 • 1960 • 1955 • 1950 • 2015 •

Classes of the 1940s

John Clifton Windle (DDS '49) retired in 1992 and turned 90 in 2015. He would appreciate hearing from any of his classmates. He is enjoying excellent physical health and is grateful for what the year has given him. Roy J. Rinehart was the Dean when both he and his father Frank (DDS '24) attended. Miss Potts was Roy J. Rinehart's secretary, and John's dad, Frank, dated her! She called John "Frankie Windle's little boy." John was honored! Some of John's many accomplishments include: past president of SW MO District Dental Society; past president of Joplin, Mo., Rotary Club; past member and secretary of MO Dental Board; 20-year member of Examiner of Central Region Dental Testing service; Captain U.S. Dental Army Corps (almost two years' service in Germany, two years' service enlisted Navy Dental Service). Dr. Windle was married to JoAnn (deceased) for 58 years and has been happily re-married to Barbara for six years. He has two daughters: Diana (DeeDee) Vick who is a Stephens's graduate and a rancher/business owner in New Mexico and Colorado; and Pamela Staley, who holds a master's degree in geological engineering from SMU. He also has three grandchildren: Bruce Staley (BS in geology), Vera Staley (a junior at the University of Colorado School of Medicine), and Emma Staley (pre-Olympic equestrian training and attends William Woods University).

Classes of the 1960s

R. Niles Raines (DDS '66) has been practicing dentistry for 49 years and is still working. He spent four years in Liberty, Mo, 22 years in Miami, Fla., and 23 years and counting in Green Forest, Ark. He is not tired, so he is not retired!

Michael Dix (DDS '69) sold his practice in October 2014 to Michael Kahn (DDS '92). He worked for one year to help transition the practice to the new location. He retired fully in October 2015 to travel and pursue other interests with his wife, Kris.

Dallas Ziegenhorn (DDS '66) is still practicing in Prairie Village, Kan., and lives in Fairway, Kan., with his wife, Donna.

Classes of the 1970s

Bill Boyce (DDS '73) is still practicing full time. His wife, Marilyn, is doing well, and they are both enjoying their five grandsons.

Jim Craig (DDS '76) has been married to his wife, Valarie, for 47 years. They have two children — Chris and Courtney — and one grandchild. He continues to practice in Lenexa, Kan., as he has since 1976. He and his family spend quite a bit of time in Northern Michigan at their summer house. They all like golf, Kansas football, Kansas basketball and spending time with family and friends and are truly enjoying life!

Patrick (DDS '76) and **Janet** (DDS '76) **Ruopp** have two children who are both in dental school — one at UMKC and one at A.T. Still in Kirksville, Mo. They are looking forward to their children graduating so they can retire! Jan enjoys doing loads of civic work. She started a dental clinic in Croix de Bouquet, Haiti, with the Zonta Club of Cape Girardeau, Mo., in March. Jan and Patrick both do dental missions for MOMOM to Haiti and Jamaica. The Ruopps have recently enjoyed traveling to Europe on cruises. Both are in good health and both survived cancer!!

Stanley S. Scott (DDS '76) has been married for 40 years and has two daughters. He also has one granddaughter who is a junior in high school in Tampa, Fla. He enjoys spending time there and at his and his wife's lake home at the Lake of the Ozarks, Mo., where he can fish.

Steve Thompson (DDS '76) has been married for 44 years and has three sons and three grandchildren. He sold his dental practice in 2014 and currently works there two days a week. He loves to travel and enjoys visiting Colorado and his youngest son in NYC. He has also spent some time in Europe, visiting Germany, Austria and the Swiss Alps! Dr. Thompson enjoys photography, reading and gardening.

Robert R Thousand, Jr. (DDS '76) has been married to his wife, Jane, for 48 years. He enjoys

• 1975 • 1970 • 1965 • 1960 • 1955 • 1950 • 2015 •

CLASS NOTES

sailing, fishing and flying. There are seven dentists in his family! Two of them have joined him in practice: his son, an endodontist, and nephew, a periodontist. Four graduated from the UMKC School of Dentistry, among them, his brother, Dennis Thousand (DDS '78), who recently built a dental clinic in St. Louis, Mo., which opened in 2015.

Classes of the 1980s

Kevin J Cummings (DDS '82) has been married for 39 years. He has five children: Jenny, a PA orthopedic specialist; Matthew (DDS '07), a managing partner; Chris, a doctor of osteopathic medicine surgery resident; Sean, a manufacturing rep for BioTech; and Scott, a BSN (and UMKC alum) ICU specialist. Dr.

Dean Elledge (DDS MS '83) faculty emeritus, UMKC School of Dentistry, is now the program director of the Advanced Education in General Dentistry (AEGD) program at Wichita State University. This year, he was selected to be a regional mentor for the Gordon Christensen Foundation (CR Report). His greatest pleasure is working alongside his residents, faculty and alumni during the Kansas Mission of Mercy (KMOM).

Cummings also has six grandsons (no girls!). He was ordained as a Deacon of the Catholic Church in 2011.

Stephen Hechler (DDS '84) had the pleasure of serving as president of the Kansas Dental Association in 2015-16.

Steve R. Irwin (DDS '84) has a daughter, Peri Irwin, who is a first-year dental student at UMKC!

Classes of the 2010s

Erin Graham (DDS '14) has joined the dental office of Randal Scott (DDS '87) in Jefferson City, Mo. After receiving her DDS degree at UMKC, she completed a general practice residency at the University of Colorado School of Dental Medicine and Anschutz Medical Center.

In Memoriam

Bert B. Allinder (DDS '53)
Mission, Kan.

John Askew (DDS '67, Perio '69)
Kansas City, Mo.

James R. Belfield (DDS '87)
Lake Quivira, Ks.

Brenton Bennett (DDS '89)
Emporia, Ks.

Robert Bertoldi (Ortho '61)
Redding, Calif.

James O. Claxton (DDS '59)
Springfield, Mo.

Joy O. Dehnert (DH '76)
Fairfax Station, Va.

Gregory Glen Glasgow (DDS '63)
Ballwin, Mo.

L. Thane Frazier (DDS '52)
Hutchinson, Ks.

William J. Friend (DDS '62)
Kansas City, Mo.

Frank J. Holtz (DDS '65)
Abilene, Kan.

Kenneth R. Kimball (DDS '59)
Carlsbad, Calif.

John Colgan Krizer (DDS '66, Perio '68)
Oklahoma City, Okla.

Rebecca J. Mathis (DH '74, DDS '83)
Columbia, Mo.

Dayton McDonald (DDS '59)
Reno, Nev.

Curtis H. McKinney (DDS '51)
Portland, Ore.

Rosemary Grace Minervini
(DH '79 MSDH '81)
Lehi, Utah

Howard L. Nelson (DDS '54)
Jonesboro, Ark.

William Volkert Oothout, Jr.
(DDS '64)
Overland Park, Kan.

Mona Roberta Prose (BSDH '55)
Overland Park, Ks.

Samuel H. Shurback (DDS '57)
Noel, Mo.

Charles Stephen Sippy (DDS '60)
Georgetown, Texas

Robert "Earl" Smith (DDS '56)
Merryville, La.

Wallace B. Smith (DDS '61)
Kansas City, Kan.

Jack Williams Swaney (DDS '79)
Platte City, Mo.

Frank C. Theisen (Faculty)
Leawood, Kan.

Robert D. Tipton (DDS '71)
Littleton, Colo.

James W. Van Blaricum III (DDS '61)
Pratt, Kan.

Amos Williams (DDS '67)
Parkville, Mo.

Sydney E. Wray (DDS '63)
Kaysville, Utah

Victor H. Zuercher, Jr. (DDS '60)
Honolulu, HI

current at time of printing



2016 MIDWEST DENTAL CONFERENCE

The 2016 Midwest Dental Conference was a “soaring” success as 3,300 alumni and friends met in Kansas City to “Soar to new Heights in Dentistry.” The weekend was full with 27 different scientific sessions presented by 18 speakers at the top of their fields, over 120 exhibits in the Exhibit Hall, table clinics presented by some of the School’s finest students, and of course social events to reconnect and honor colleagues, classmates, and friends.

Kicking off the Conference was a party with a purpose. The annual benefit gala, Pouring from the Heart, boasted over 300 guests who dined on a 5-course meal paired with professionally selected wines, bid on silent and live auction packages like a trip to the US Open Golf Tournament, and had a little fun playing games to win an in-home wine tasting. All of this fun was for a great cause too. Together with the Nettleton Foundation and Goetze Dental, the UMKC School of Dentistry’s Rinehart Foundation raised over \$125,000 to help indigent patients who come through the UMKC clinic doors but cannot afford the critical dental treatments they need. Guests at Pouring from the Heart were moved by a story of how this amazing care changed a patient’s life and greatly influenced his road to recovery during his battle with cancer. Thank you to all of those who supported such a wonderful cause. We look forward to another great event next year.

Another highlight of the Conference from year-to-year is

the Friday night Welcome Party. Attendees enjoyed good food and good fun. KC Wolf, the Kansas City Chief’s mascot, entertained the crowd along with senior dental hygiene student, Stormy Morrison dressed as Cinderella enchanting the children in attendance. Following the Welcome Party many of the attendees participated in their class reunions. Classes celebrating big milestones were Class of 1966 celebrating 50 years in the profession, Class of 1971, Class of 1976, Class of 1981, Class of 1986, Class of 1991, Class of 1996, Class of 2001, Class of 2006, and Class of 2011.

It was such a treat to see such a large turnout of the Class of 1966 at the Rinehart Foundation Recognition breakfast on Saturday morning. With 23 members and their guests in attendance, it was a room full of great stories and memories! Also honored at the Breakfast were alumni who have made significant gifts to the foundation with \$10,000+ lifetime giving, \$25,000+ lifetime giving,

and \$100,000+ lifetime giving being honored. It was a pleasure to have them all in one room and recognize them for their efforts.

New to the Conference this year was a complimentary coffee bar in the Exhibit Hall Saturday morning with attendees experiencing hot coffee and hot deals. Besides this new event the Conference also introduced access to wi-fi in the meeting rooms for better access to the online handouts, along with the CE website was opening earlier. Attendees were able to enter the codes online starting the day after MDC was over. If you still need to enter your codes, visit dentistry.umkc.edu and click on the 2016 CE Credit button at the bottom of the homepage.

As always, the Midwest Dental Conference was a great time to reconnect and refresh. **Don’t miss next year’s conference, April 6-9, 2017.**



UMKC Dental Hygiene and Nursing Faculty Team Up to Research Kansas Children

Professor Melanie Simmer-Beck, Division of Dental Hygiene, (R) and Professor Pat Kelly, School of Nursing and Health Studies, (L) have been awarded a National Institutes of Health (NIH) research grant that could potentially total about \$4.38 million in the next five years. The NIH support will enable Simmer-Beck and Kelly to collaborate with the Kansas Bureau of Oral Health School Sealant Program to examine the impact of dental hygienists in Kansas. The investigators will assess oral health and social outcomes in pre-kindergarten through high school-aged children from 17 underserved, primarily rural communities who receive school-based care from dental hygienists. The interprofessional research will also perform a cost analysis. This project leverages existing relationships with the Kansas Bureau of Oral Health and will reach children in about 355 schools in 108 school districts throughout the state.

The grant is an example of interprofessional collaboration, which is an area that UMKC's health science schools have placed a special emphasis on because of the excellent patient outcomes that result. The award is part of

10 research cooperative agreements awarded nationwide by the NIH aimed at eliminating inequities in access to care and improving the oral health of children. The awards, of up to five years each, support the Multidisciplinary and Collaborative Research Consortium to Reduce Oral Health Disparities in Children, a new initiative of the NIH's National Institute of Dental and Craniofacial Research, with funding phased in as milestones are achieved.



Golfing for a Good Cause — Scholarships!

Thank you to all of the players and sponsors for an unFOREgettable day of golf!

Golfers enjoyed a fantastic day on the course Friday, June 3, 2016, at Shoal Creek Golf Course for the UMKC Annual Dental Alumni Scholarship Golf Tournament. Attendees were treated to food, fun, and some antics by way of wingspan drawings, putting contests and a few mulligans.

Since it began, the Annual Dental Alumni Scholarship Golf Tournament has raised over \$250,000 for student scholarships. Thank you to the steering committee, led by Dr. Joe Spalitto, and its members: Dr. Reese Graue, Dr. Phillip Gravino, Dr. Mike Jurkovich, Dr. Michael McCunniff, Dr. David Merello, Josh Piper and Paul Riddle.

Don't miss out on the fun next year! Save the Date for next year's tournament on June 2, 2017.

Introducing Our Newest Faculty Members



Dr. Haitham Agha has joined the faculty as a clinical assistant professor in the Department of Restorative Clinical Sciences.

Dr. Agha earned his bachelor of dental sciences degree at Misr University for Science and Technology in Egypt and a certificate and MS degree in prosthodontics at Rutgers School of Dental Medicine in Newark, New Jersey.



Dr. Amit Kumar has joined the faculty as a clinical assistant professor in the Department of Oral Surgery and

Hospital Dentistry. Dr. Kumar earned a Bachelor of Dental Surgery from Mangalore University in India, and a Master of Dental Surgery degree from Annamalai University in India. He also earned an MS degree in Information Science from the University of North Carolina-Chapel Hill) and his DDS degree from the UMKC School of Dentistry.

Dr. Michael Murphy has joined the faculty as a clinical assistant professor in the Department of Restorative Clinical Sciences. Dr. Murphy earned his DDS degree (1997) and an AEGD certificate (1998) from the



UMKC School of Dentistry. He has also earned an MBA degree from Indiana University, Bloomington, and an MS degree in

Health Services Research, Policy, and Administration from the University of Minnesota.



Dr. Narayanan Sreenivasan has joined the faculty as a clinical associate professor in the Department of Oral Surgery and Hospital Dentistry.

Dr. Sreenivasan has earned his bachelor of dental surgery degree at the Tamil Nadu Dr. M. G. R. Medical University in India and his master of dental surgery degree at the University of Hong Kong.



Kelly Suchman has joined the faculty as a clinical assistant professor in the Department of Restorative Clinical Sciences.

Dr. Suchman earned her DDS degree (2000) and a certificate in Advanced Education in General Dentistry (2001) from the UMKC School of Dentistry.



Dr. Rebeca Weisleder has joined the faculty as a clinical associate professor in the Department of Endodontics.

Dr. Weisleder earned her DDS degree from the Universidad Nacional Autonoma de Mexico in Mexico City, a certificate in endodontics from the University of North Carolina in Chapel Hill and a master in medical education degree from the University of Houston.



Dr. Ahmed Zarrough has joined the faculty as a clinical assistant professor in the Department of Restorative Clinical Sciences.

Dr. Zarrough earned his bachelor in dental surgery degree from Tripoli University Faculty of Dentistry in Libya, his doctor of science in oral biology and an AEGD certificate from Boston University Henry M. Goldman School of Dental Medicine.

School News of Note

Dr. John Ball, clinical assistant professor in Restorative Clinical Sciences, was installed as a board member of the American College of Prosthodontists.

Dr. Charles Cobb, professor emeritus of Periodontics, was honored with the Special Citation award by the American Academy of Periodontology (AAP).

Dr. Brett Ferguson, chair of Oral Surgery and Hospital Dentistry, was elected to serve as vice president of the American Association of Oral and Maxillofacial Surgeons.

Dr. Jodie Lee became the new director of UMKC Advanced Education in General Dentistry in January 2016. Previously, Dr. Lee had served as a UMKC clinical assistant professor of Restorative Dentistry. Prior to her arrival at UMKC, Dr. Lee was in private practice in Los Angeles, Calif., and also served as a clinical instructor in the General Practice Residency Program at the University of Southern California School of Dentistry. Dr. Lee joined the UMKC Faculty Practice in 2013.

Drs. Cynthia Petrie, chair of Restorative Clinical Sciences, and **Beheshteh Khodakhast**, clinical assistant professor in Restorative Clinical Sciences, became Diplomates of the American Board of Prosthodontists.

Jeff Primos, director of Business Affairs, has not only been busy serving the American Dental Education Association (ADEA) as president of the Business and Finance half of the ADEA Sections on Business and

Financial Administration and Clinic Administration (BFACA), he also recently earned his MBA degree.

Dr. Keerthana Satheesh, an associate professor and chair of the Department of Periodontics and director of Advanced Education in Periodontics, has been inducted into the American College of Dentists as a new Fellow.

Dr. Yong Wang, professor in Oral and Craniofacial Sciences, has been inducted into the College of Fellows of the American Institute for Medical and Biological Engineering.

Dr. Linda Wells, associate dean for Clinical Programs, is serving as chair of the American Dental Education Association (ADEA) Council of Faculties.

The Department of Endodontics proudly announces that two of its residents, Dr. Maria Messing and Dr. Mario Leon, won 1st place honors in the Advanced Education table/poster clinic competition at the American Association of Dental Researchers (AADR) meeting in Houston.

Dr. Maria Messing: "Overview of Past and Current Endodontic Regeneration Treatment Protocols: A Case Series." Sponsored by Dr. Ariadne Letra, Dr. Renato Silva, and Dr. Rebeca Weisleder.

Dr. Mario Leon: "Determination of Pulp Response Following Crown Preparation and Cementation." Sponsored by Dr. Ariadne Letra and Dr. Rebeca Weisleder

Students Explore Periodontics in New Study Club

In October 2015, UMKC's newly formed Predoctoral Periodontics Study Club (PPSC) held its first bimonthly meeting to explore issues pertinent to periodontal therapy and overall comprehensive patient care. The group has since hosted lectures on periodontal systemic connections and use of lasers in periodontal treatment. According to Dr. Cassandra McKenzie, (L) a second-year periodontal resident and founder of PPSC, future lecturers include UMKC prosthodontist Dr. Emmanouilidis discussing the novel socket shield technique for implant placement, and Dr. Peter Cabrera, a Chicago periodontist and member of the Lurie Children's Hospital faculty, will explore periodontal-pediatric cases.

"My goal with PPSC is to inspire collaboration and interest, not necessarily to recruit dental students to a periodontal specialty/residency," said Dr. McKenzie. "It has been really fun to work with them and explore topics together."

PPSC's board includes current periodontal residents Drs. Kiran Arora (C) and Jessica Scully, (R) as well as incoming periodontal residents, Drs. Liz Baldwin and Tanner Brock. Working with their faculty advisor Dr. Mabel Salas, clinical assistant professor of periodontics, the board selected nine fourth-year dental students and 20 third-year dental students to participate in PPSC's inaugural year. In summer 2016, PPSC will again accept applications from third- and fourth-year dental students.



GKCDS and MDA Host UMKC Students at Annual Legislative Day

Every year the Missouri Dental Association (MDA) hosts its Legislative Day as a way for organized dentistry (through member dentists) to meet with Missouri House and Senate members in order to offer input on the legislative agenda and its impact on dentistry and public health.

This year the Greater Kansas City Dental Society (GKCDS) and the UMKC School of Dentistry teamed up to transport a group of dental students to Jefferson City, Mo., to participate in the event. The 2016 UMKC delegation that rode the GKCDS-sponsored bus to the state capitol on January 13 included: Dr. Jack Nelson, clinical assistant professor of Restorative Clinical Sciences, Dr. Brenda Bohaty, Nelson Professor and chair of Pediatric Dentistry, and Dr. Connie White, associate professor and assistant dean for Community Relations, along with a group of 13 third-year and three fourth-year students.



UMKC Students Win ADA Ethics Video Contest

Fourth-year dental students Kevin Kaiser (*L*) and Liam Smyth (*R*) were announced as the Grand Prize Winner of the 2015 Student Ethics Video Contest by the American Dental Association (ADA) during its annual meeting in Washington, D.C., Nov. 5–10, 2015. They received a \$2,500 prize for their video submission “To Treat or Not to Treat,” which focuses on the ADA Code sections of Non-maleficence, Justice, and Veracity.

In their 4-minute video, Smyth plays a dentist examining a patient, Kaiser. During the exam the dentist (very unprofessionally) takes time to check Facebook and his email. He discovers an email informing him that he’s late on a debt payment. He then proceeds (again very unprofessionally) to talk his patient into allowing him to do unnecessary orthodontic treatment. The video then shifts to the two of them discussing the specific ADA Code violations of their make-believe dentist. To view their video, go to ada.org and search for “Student Ethics Video Contest.”

The ADA Council on Ethics, Bylaws and Judicial Affairs (CEBJA) sponsors the annual contest “to draw student attention to the ethical dilemmas that dental students and professional dentists may encounter and provide an exercise focusing on appropriate responses based on the ADA Principles of Ethics and Code of Professional Conduct.”

CEBJA is the ADA agency “commissioned to develop and promote the ethical conscience of the profession and the highest moral and ethical standards for ADA members, provide a forum for self-regulation and assure that ethical issues are current for the public and profession.”





Kristen French, Megan Dwyer, Lorenzo Neilson & William Dwyer

School Celebrates Six Graduating Pioneers

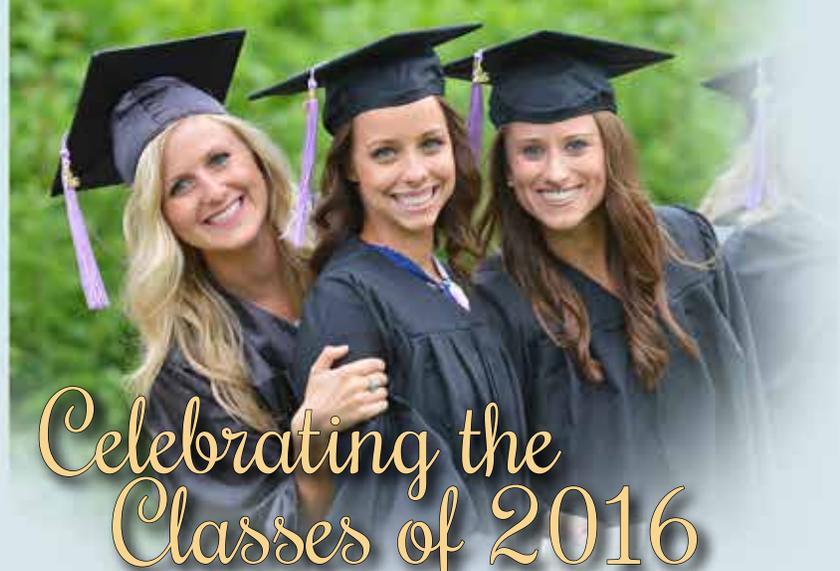
The six members of the inaugural session of the School's Admissions Enhancement Program (AEP) who graduated in May 2016 have big plans for the future.

Dr. Will Dyer, 2016 graduate and former AEP participant, says that his future plans are to complete a one-year Advanced Education in General Dentistry program at the Naval Base in San Diego, Calif., and then serve in the U.S. Navy for four years.

"It's funny to think back and remember feeling uncertain about being accepted to dental school or being so worried that I wouldn't get a good enough score on the DAT. I know my peers probably feel the same way," said Dr. Dyer about his AEP experience. "It is cool to see the transformation from what we were then to what we are now. We've grown in leaps and bounds."

AEP is an innovative summer program created by the UMKC School of Dentistry to attract and cultivate culturally diverse admission candidates by strengthening their foundational knowledge, academic skills, and familiarity with the dental profession. AEP was originally funded by the Missouri state legislature's "Caring for Missourians" program, which was designed to prepare students from historically underrepresented minority groups and geographically underserved communities to pursue careers in the health professions.

Since its inception, more than 60 potential students have participated in the AEP. Over half of AEP participants have been admitted to the School of Dentistry. Twelve new participants began the 2016 Admissions Enhancement Program in May. To learn more, visit dentistry.umkc.edu/aep/.



Celebrating the Classes of 2016

The UMKC School of Dentistry celebrated its 2016 graduates with plenty of pomp and circumstance during the commencement ceremony held Friday, May 13. Graduates and well-wishers alike were moved to tears and cheers as 145 students crossed the stage at Swinney Recreation Center to receive their diplomas and certificates. The School conferred 105 Doctor of Dental Surgery degrees, 24 Bachelor of Science in Dental Hygiene degrees (including four BSDH degree completion students), and 17 Advanced Education Dental Certificates. The Department of Oral and Craniofacial Sciences conferred four Master of Science degrees and the Division of Dental Hygiene conferred one MS degree in Dental Hygiene Education. Four graduates also received military commissions.

Doctor of Dental Surgery

Caren P. Abraham
 Ula Ali Al Musawi
 Elizabeth Anne Baldwin
 Shayla Marie Barber
 Charles Beals
 Anu Monu Bhalla
 Duncan Reid Billings
 Kyle Zachary Blacker
 Lauren E. Blaich
 Margaret Boehm
 Matthew Brian Brinker
 Tanner Dale Brock
 Bryce Samuel Brown
 David Taylor Burns
 Jordan M. Campbell
 Lucas Biery Carpenter
 Jeremy Chen
 Brad Michael Chun
 Matthew E. Connell
 Kenneth Patrick Connelly
 Daniel Francis Cusumano
 Daniel David Domsch
 Morgan DuMond
 Megan Lynn Dwyer
 William Christopher Dyer
 Nicole Eckelkamp
 Sara Elsididg
 Anthony Deon Ewigman

Michael Patrick Florez, Jr.
 DJ Foster
 Kristen French
 Emily Frenz
 Steven J. Frost
 Richard Charles Gallant
 Brityney Gatley
 Emily Christine Gerber
 Carl Stephen Graves
 Tylan K. Haderlie
 Jordan Danell Haedt
 Corey Hastings
 Todd Albert H'Doubler
 James Talley Hoopes
 Joseph Paul Houlik
 Maria O. Jackson
 Jeffery J. C. Johnson
 Madalyn A. Johnson
 Kevin Charles Kaiser
 Ross Allen Kee
 Charles Rogers Kendall
 Taylor Kennedy
 Megan Ann Konz
 Megan L. Krohn
 Mitchell Andrew Loeb
 Kaylin Marie Lorbert
 Katherine Saxon Lovinger
 Gabriel D. Maestas
 Aous Shakir Manshad

Jeffrey J. Mark
 Audra Marie Martinez
 Taylor Rae McGown
 Ryan W. McNutt
 Rodney Allen Meyer
 Audrey Worthington Miles
 Chelsea P. Morris
 Craig M. Mulherin
 Seema Nair
 Lorenzo K. Neilsen
 Anna Ray Nine
 Pooja Ajay Patel
 Samip Ashvin Patel
 Shreya Suresh Patel
 Nectarios V. Pavlakos
 Adam Samuel Polinsky
 Maren L. Pratt
 Eric J. Reimer
 Grant John Ressel
 Jack Reynolds
 Lea Mrosak Rich
 Alexis Nicole Rickel
 Carissa J. Rogers
 Theodora KK Rogers
 Nasim Saeedi
 Vincent Mark Santucci
 Jessica Anne Scassellati
 Brian Schowengerdt
 Audrey Yuet-Mei Sill
 Caitlin Michelle Silverstein
 David William Silverstein
 Caylin Nicole Slavin
 Kelsey Caitlin Smith
 Liam Patrick Dillon Smyth
 Shawn Douglas Snider
 Daniel Sucher

Travis Kiyoshi Tanaka
 C. Travis Tegerdine
 Cyrus Hester Teymour
 Kevin G. Thomas
 Lauren Sachiko Todoki
 Lily Antoine Wakim
 Danielle Elizabeth West
 Katrina Morgan Westhoff
 Mary June Wetz
 Sana Yousaf
 Caroline Zeller
 Brett Benjamin Zobell

Bachelor of Science in Dental Hygiene

Yuliya Antonets
 Kortney Michelle Bailey
 Sarah LeAnn Boland
 Tara Rose Casey
 Ashley Lynn Christner
 Shelby Lynn Corkill
 Sarah Ann Cornelius
 Ashley Diane Covert
 Mara Drimak
 Shelby Renee Drury
 Brianna Marie Hallagin
 Christine Michele Karle
 Dajana Kovacevic
 Melanie Lacey
 Melissa M. McCaw
 Jamie Christine Naylor
 Michelle Phuong Nguyen
 Cindy Thi Pham
 Amanda Rae Pirrone
 Mollie Ann Richardson
 Shelly Rae Schmits
 Juliana Christine Sollars
 Andrea Tyson
 Brittany Weddle

BSDH Degree Completion

Jessi L. Deraps
 Coulter J. Heinz
 Whitney Rose Lawson
 Cambria Lynn Stewart

Advanced Education Dental Certificates

Advanced Education in General Dentistry

Ashley Emiko Pi'ilani Asano, DDS²
 Michelle Bhaskar, DDS²
 Anthony Jimenez, DDS²
 Rebecca Elaine Kisling, DDS²
 Jennifer L. Schilke, DDS²
 Tyler Siegert, DDS²
 Ryan Ward, DDS²

Endodontics

Winnie Lam, DDS²
 Aliraad Moattar, DDS²

Oral & Maxillofacial Surgery

Adam Flack, DDS, MD²
 Evan Moody, DDS, MD²
 Christopher Vogel, DDS²

Orthodontics and Dentofacial Orthopedics

Danielle Wiggins Gilbert, DMD¹
 Matthew McCoy, DDS¹
 Kristen Marie Wellemeyer Sander, DDS¹

Periodontics

Nicholas Jordan Fujii, DDS¹
 Charles Fullem, DMD¹

Graduate Degrees

Oral and Craniofacial Sciences M.S. Degree

Danielle Wiggins Gilbert, DMD, MS¹
 Matthew McCoy, DDS, MS¹
 Rachel Reed, MS¹
 Kristen Marie Wellemeyer Sander, DDS, MS¹

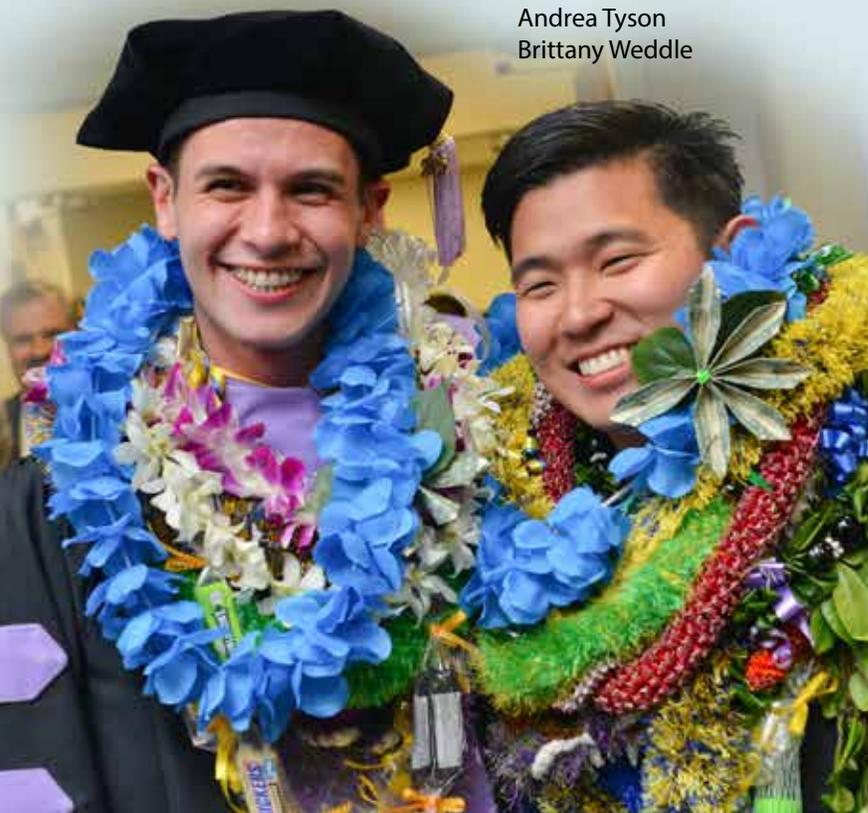
Dental Hygiene Education M.S. Degree

Paige Melissa McEvoy, MS²

Military Commissionees

Tylen K. Haderlie, Captain, U.S. Army
 Stationed at Fort Carson, Colorado Springs, Colo.
 Caylin N. Slavin, U.S. Air Force
 Stationed at: Elgin AFB, Valparaiso, Fla.
 William C. Dyer, Captain, U.S. Navy
 Stationed at: Naval Base, San Diego, Calif

(1-Graduated Fall 2015;
 2-Graduates, Summer 2016)





**University of Missouri-Kansas City
School of Dentistry**
Office of Alumni and Advancement
650 E. 25th Street
Kansas City, MO 64108-2784

UMKC is an equal opportunity, affirmative action institution.

Pre-Clinic Lab Fund-Raising Continues to Rise

*With you as our Partners in Progress
we are gaining on our goals.*



Upcoming Alumni Events

Monday, August 29, 2016

**Kansas City Royals Baseball Game
and New Student Welcome**

Sunday, October 2, 2016

Rinehart/Alumni Board Meeting

Monday, October 3, 2016

**UMKC School of Dentistry
Scholarship Banquet**

Thursday, October 20, 2016

ADA Reception – Denver, Colo.
Held in conjunction with the ADA Meeting

Thursday, November 10, 2016

St. Louis, Mo., Reception
Held in conjunction with Mid-Continent Convention

For more information about alumni events and news, visit <http://dentistry.umkc.edu/alumni>. You can also follow us on Facebook and Twitter.

Facebook: UMKC Dental Alumni

Twitter: @UMKCDentalAlumni