

The amazing outcomes of research See page 31.

Fall 2016

### Going beyond the traditional boundaries in clinical care, public service, research and education



Producing the MidSouth Mission of Mercy was a logistical feat. See page 26 to read about the event.

#### THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER **Dentistry Magazine**

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www.uthsc.edu/dentistry

#### From the Dean of the College of Dentistry

The end goal of UTHSC College of Dentistry education is to be out in the world, providing the best care possible to patients. As dean, I am pleased to tell you that the College of Dentistry is truly out there, and in the best possible ways. We are meeting the challenge to look beyond traditional roles and services, making Tennessee's dental school, your dental school, a national leader in education, clinical care, public service and research. Here's how.

Over the past few years, we have expanded the oral care services we offer. Some of these opportunities are technology driven, some are the result of research. Others, like the newly-opened hemophiliac clinic, (see page 24) come through collaborative efforts with other health care professions.

Now that the funding for our new dental annex has been approved by the state, I am excited to report that the final plans for this long-awaited building are now in the works. With additional space, the College of Dentistry will be home to many of these forwardreaching, non-traditional services, like the Special Needs, the Slagle Oral-Facial Pain and the Obstructive Sleep Apnea clinics. We are planning a ground breaking ceremony in the Spring of 2017 with completion expected in 2018.

Through example and through participation, the College of Dentistry continues lead the way in service that reaches out into the community. For years, our students and faculty have routinely traveled into the Memphis area providing oral exams. In fact, the report of our UT Grassroots Oral Health Outreach initiative lists participation in 47 different local events. One of these was the first-ever Mid-South Mission of Mercy. Held this past February, our faculty, staff and students were out in force to support the heroic, charitable efforts our UT alumni and the Memphis Dental Society members who spearheaded this event.

I am glad to tell you that with the addition of our off-campus clinics, our future dentists and dental hygienists are providing dental services across the state to the underserved, and this fall, students will now take part in two-week clinical rotations in Chattanooga.

The educational opportunities and clinical resources we offer are varied, forwardthinking, utilizing the newest technologies and techniques. This is the case with our anaplastology services that are featured on page 20. Even though oral and facial prosthetics have been made for decades, you can read about how the techniques and materials our own Maddie Singer employs are cutting edge.

This spring, we sent 123 dentistry and dental hygiene graduates out into the community. This fall we welcomed the dentistry Class of 2020, and here is how our new D1 students stack up. Out of more than 1,500 applicants, we chose 97 students - 44 per cent of which are female. Their average overall grade point average was 3.66, and they come from across the nation.

Additionally, this fall 30 students entered the dental hygiene program. These students will train along side our student dentists in Memphis and at our newly established clinical care sites.

The stretch beyond traditional boundaries extends to research. Starting on page 31, you can read how a project, initially funded by an Alumni Association grant, was conducted by our faculty and students, and is having a huge impact in clinical care and treatment protocols for patients with eating disorders.

Yes, the College of Dentistry is out there. We are able to reach so far through the help of our alumni. Thank you for your support.

June

**About the UTHSC College of Dentistry** 

The UTHSC College of Dentistry was founded in 1878 - making it the oldest dental college in the South, and the third-oldest public college of dentistry in the United States. The college is located in the Memphis medical district in the Winfield C. Dunn Dentistry Building, named for the college's distinguished alumnus and former Tennessee governor.

The college maintains a fouryear dental program enrolling approximately 420 dental students, dental hygiene students and those taking part in postgraduate dental programs. The college is dedicated to providing professional, graduate and postgraduate education; conducting dental research; and delivering state-of-the-art patient care and public service.

#### The College of Dentistry Vision Statement

To improve human oral health through education, research, clinical care and public service.



The University of Tennessee **Health Science Center** As Tennessee's only public, statewide, academic health system, the mission of the University of Tennessee Health Science Center (UTHSC) is to bring the benefits of the health sciences to the achievement and maintenance of human health, with a focus on the citizens of Tennessee and the region, by pursuing an integrated program care, and public service. Offering a broad range of postgraduate and selected baccalaureate training opportunities, the main UTHSC includes six colleges: Dentistry, Graduate Health Sciences, Health Professions, Medicine, Nursing and Pharmacy. UTHSC also educates and trains cohorts of medicine, pharmacy and/or health professions students - in addition to medical residents and fellows – at its major sites in Knoxville, Chattanooga and Nashville. Founded in 1911, during its more than 100 years, the UT Health Science Center has educated and trained more than 57,000 health care professionals in academic settings and health care facilities across the state. For more information, visit www.uthsc.edu.

Follow us on Facebook: twitter.com/uthsc and on Instagram: instagram.com/uthsc.

As the chancellor of this university, I am proud to tell you about the great things going on at UTHSC, and in particular, in the College of Dentistry. All across the university, we are working diligently to make a difference in our community. In doing so, we are raising the profile of UTHSC as a health care educator, provider and innovator on the local, state, national and global stage. This magazine is filled with examples. You'll read how as an institution:

(page 8)

•

We contributed to the community again this year by hosting the annual Back-to-School Family Affair, a health fair designed to give area children and families the best start on the new school year. (page 9) You'll also see how your college:

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If Shad no

Steve J. Schwab, MD

Standing next to former Gov. Winfield Dunn in August as we unveiled a beautiful bronze bust in his honor in the College of Dentistry, I was humbled by his accomplishments and proud to call him an alumus of our university. I was also reminded of all our outstanding alumni, and grateful for their support of UTHSC.

UTHSC serves as the hub of the revitalization of the Memphis Medical District, with our Executive Vice Chancellor and Chief Operations Officer Ken Brown serving as vice chair of the collaborative of academic, business and health care institutions bringing new energy and attention to this vital area. (page 6)

We continue to update and expand our campus with new construction, including our state-of-the-art Interdisciplinary Simulation and Patient Safety Center. When it opens in 2017, students from all six colleges on campus will train together in simulation settings to deliver team-based health care -- the model for quality care.

Played a key role in the Mid-South Mission of Mercy that brought free dental services to more than 2,000 people. (page 26)

Is serving patients with blood disorders, including hemophilia, through new a clinic launched in collaboration with the College of Medicine. (page 24)

Is working to expand its reach abroad by pursuing a new international exchange program for students. (page 10)

You'll also read how one instructor, anaplastologist Maddie Singer, is helping make patients whole through her artistic and realistic prostheses. (page 20)

The UTHSC administration is proud of what we have accomplished together and committed to progress in the future.

Many thanks for all you do to support UTHSC.



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and the UT Alumni Association

invite you to the following



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Memphis, Tennessee March 3-5, 2017

> UT Reunions: 1977, '87, '92, '97, '07

For more information, visit www.slagledentalmeeting.com



Reception in conjunction with the

Thomas P. Hinman Dental Meeting

Friday, March 24, 2017 5:30 p.m. - 7:00 p.m.

> Omni Hotel at CNN Center Atlanta, Georgia



Reception in conjunction with the

Arkansas State Dental Association

Friday, April 28, 2017 5:30 p.m. - 7:00 p.m.

Statchouse Convention Center Little Rock, Arkansas



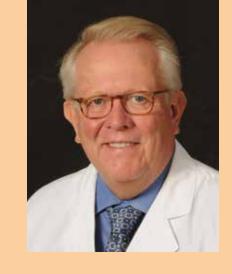
Reception in conjunction with the

Tennessee Dental Association Annual Session

> Thursday, May 18, 2017 5:00 p.m. - 6:30 p.m.

Gatlinburg Convention Center Gatlinburg, Tennessee

### Where would you be without UTHSC?



#### 7,416

Total number of active dentistry and dental hygiene alumni

> Female - 2,650 Male - 4.766

#### **Top 10 States** where our alumni live

Tennessee - 3,827

Arkansas - 951

Mississippi - 399

Florida - 311

Georgia - 303

Texas - 231

North Carolina - 130

Alabama - 127

Virginia - 115

South Carolina - 78

Fellow Alumni,

As I begin my role as Alumni Board president, I am proud to serve with this great group of alumni. The College of Dentistry has been our anchor since each of us began our dental career. Founded in 1878, we are proud that it is the oldest dental college in the South, and the third oldest public college of dentistry in the United States. Throughout our history, we have been fortunate to remain on the cutting edge in dentistry education, research and practice. Our history is indeed rich, and, as you will read on the following pages, the future of dentistry and the college is tremendously exciting.

page 11.

If you were not able to join us for the 2016 William F. Slagle Dental Meeting, I encourage you to make plans now to attend in 2017! This year's program was full of information and camaraderie. The events were well planned from start to finish.

If you are a graduate from the Class of 1966, join us in Memphis for the 2016 Golden Graduate Homecoming for all six UTHSC colleges. If you have not travelled back to visit UTHSC in some time, Memphis is a wonderful city with a rich history and much to offer. You will see many things that are familiar and a number of things that have changed.

As you read through this magazine, I ask you to think about how you can provide support to the college. As an alumnus you have secured your spot in our rich history. You can also ensure a rich future, whether it is through volunteering or giving - or both! We thank you for your support.

Sincerely,

Hene Jones, Jds

Walter Gene Jines, DDS '75

When I think about the upcoming plans for our college, and its dental students, I am proud to be an alumnus of UTHSC College of Dentistry. These plans start with the construction of a new building to be named in honor of Delta Dental of Tennessee. We are grateful to Dr. Phil Wenk and the support of Delta Dental and the Smile180 Foundation for helping to make this building a reality. Read about what lies ahead on

### UTHSC ready to anchor change in **Memphis Medical District**



As a result of intensive internal planning and strategic growth, the University of to serve as an anchor for change in the community that surrounds it, Executive Vice Chancellor and Chief Operations Officer Ken Brown, JD, MPA, PhD, FACHE, told an international conference of university, civic and government leaders.

Dr. Brown was a guest speaker at the

International Town & Gown Association

organization addressing challenges, issues

institutions and the communities in which

and opportunities of higher education

(ITGA) 2016 Annual Conference in

Chicago. The ITGA is the leading

Tennessee Health Science Center is primed

Above - Dr. Brown, standing near the new Translational Sciences Research Building

Invited to address the topic of "transforming neighborhoods," Dr. Brown

described his efforts to move the campus from "incidental to intentional," ensuring strategic development of buildings and grounds to meet the needs of the university as it progresses.

He highlighted our Campus Master Plan that serves as the roadmap for future growth, and discussed UTHSC's role as the anchor for partnerships and strategies that are transforming the Memphis Medical District, where the university is located. Unveiled in 2014, the plan is the first comprehensive blueprint for growth of the campus in more than two decades, and is designed to enhance UTHSC's stature as an urban academic medical center and driver of the medical district revitalization.

Dr. Brown was joined as a presenter by Krisan Osterby, planning practice leader for Perkins+Will, the architecture and design firm that worked with campus leaders to draft the master plan. Also on the presentation was Alex Feldman, a vice president at U3 Advisors, the real estate and economic development consulting firm helping to develop a strategy for revitalization of the medical district.

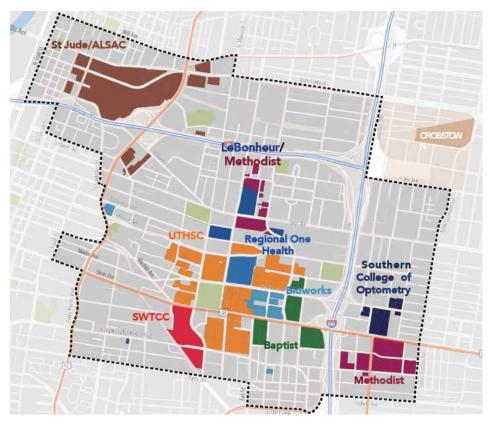
Dr. Brown has been recognized as a leader in moving our campus forward to meet the needs of internal and external stakeholders. In April, he was a panelist for a community forum led by The Memphis Daily News to talk about plans for the medical district and the key role UTHSC plays in the process. He is vice chair of the Memphis Medical District Collaborative, a nonprofit community development entity charged with making the area, which is between Downtown and Midtown and roughly bordered by Poplar Avenue, I-40, Vance Avenue and Danny Thomas Boulevard, economically prosperous, clean and safe.

In August 2015, Dr. Brown was invited by the Association of American Medical Colleges to serve as a leader of a webinar on campus planning. His presentation used the UTHSC master plan to discuss the use of data in master planning.

Input for planning the MMDC was gathered in early 2016 from the anchor institutions' faculty, staff, students, visitors.

#### **MMDC** Aspirations

Good schools Safe streets Amenities and services Job opportunities Public spaces Variety of housing Health care



#### About the new Memphis Medical District Collaborative

The leadership of some of Memphis' most significant health care and higher education institutions, as well as community leaders from the Edge District and Victorian Village, has launched a new organization to direct the future development of the Memphis medical district. The Memphis Medical District Collaborative (MMDC) will now be responsible for a series of strategic programs to make the district more vibrant, economically prosperous, clean and safe.

"The time is right for us to work together in a more focused way around a common vision for the area's future," says Gary Shorb, chairman of

The Medical District Collaborative Board

CEO of Methodist Le Bonheur Healthcare

President, Southern College of Optometry

**Executive Vice Chancellor, UTHSC** 

President

Garry Shorb

Vice-Chair

Treasurer

Secretary

Dr. Lewis Reich

Dr. Kennard Brown

Dr. Betty Sue McGarvey

Health Sciences

President, Baptist College of

Chair

Tommy Pacello

MMDC Board of Directors and CEO of Methodist Le Bonheur Healthcare. "There are some immediate steps we can take to improve the district's livability and safety, and some longer-term actions that will require sustained investment and focus. Our challenge ultimately is to connect to the development happening throughout Midtown and Downtown while improving the vibrancy within the larger Medical District." "There is good momentum in Midtown

#### **Board of Directors**

Richard Shadyac Jr. President and CEO, ALSAC Dr. Reginald Coopwood President and CEO, Regional One Health Dr. Tracy Hall President, Southwest Tennessee Community College Dr. Steve Bares, **Executive Director** Memphis Bioworks Foundation Pitt Hyde Trustee, Hyde Family Foundations Doug McGowen COO, City of Memphis

#### Memphis Medical District Collaborative

The member institutions:

UTHSC

they are located.

- Le Bonheur/Methodist University Hospitals
- Regional One Health
- Southwest Tennessee Community College
- Baptist Memorial Health Care
- Memphis Bioworks Foundation
- Southern College of Optometry
- Methodist University Hospital
- St. Jude Children's Research Hospital

Comprising:

- **16,000** employees
- **8,000** students
- \$2.7 billion collective operating budget
- **250+** acres of property

Source: University of Memphis Center for Partnership in GIS and Institutional Data

and Downtown right now, and the Medical District is the link between the two," says Tommy Pacello, MMDC president. "The district is one of the region's largest economic engines, and we're looking forward to focusing some of that energy

toward the redevelopment among the campuses."

In addition to coordinating many of the redevelopment efforts, the MMDC will also focus on four key areas: maintaining and improving the public realm, increasing safety and security, programming and marketing of the district, and community development. MMDC will also launch a series of programs - Live Local, Buy Local and Hire Local - aimed at increasing the number of employees and students living in the district, growing local purchasing of goods and services, and connecting community residents to job opportunities at the institutions.

"The Medical District employs more than 16,000 people and has more than 8,000 students, many of who commute into the district. The district is also responsible for more than \$1.2 billion dollars in purchasing and procurement, and we have lots of opportunities to keep those dollars recirculating within the district," said Pacello. "If we can work with the institutions to design strategies to buy local, live local, and hire local in a more intentional way, we can boost property values and create more opportunities for locally-owned businesses. That benefits the entire city."

The formation of MMDC comes at a critical time for the district, which will be the site of some \$3 billion in public and private investment in the coming years, thanks to ambitious new campus development plans by UTHSC, St. Jude Children's Research Hospital, Methodist Le Bonheur Healthcare and others.

Terence Patterson
President, Downtown
Memphis Commission
Scott Blake
President, Victorian Village Inc.
Community Development Corporation
Mike Todd
President, Edge Neighborhood
Association
Jim Boyd
Executive Director
Pyramid Peak Foundation

### Progress

Interprofessional Simulation and Patient Safety Center

When the new \$36.7 million, 45,000-square-foot Interprofessional Simulation and Patient Safety Center, going up in the footprint of the obsolete Feurt Pharmacy Research Building at 26 S. Dunlap Street, is finished in 2017, UTHSC will stand at the forefront of interprofessional education alongside other comprehensive academic health science centers of its size across the country and beyond.

The new building was designed by brg3s architects of Memphis, which has done new design and redesign work on a number of buildings on the campus. Oregon-based SimHealth Group, an internationally known and highly skilled consulting firm that has designed simulation centers all over the world, was engaged to guide the campus leadership team and steering committee on design, curriculum, implementation and faculty development to maximize the space and use of the building.

The first floor of the building will host



#### Meet the center's new executive director

Chad Epps, MD, was a high school teacher before he became a physician. As the new executive director of the Interprofessional Simulation and Patient Safety Center, Dr. Epps will combine his expertise as a physician and a teacher to improve education for future health care professionals and the quality of care their patients will receive. Dr. Epps, who trained in

anesthesiology at the Mount



The second floor will house specialized environments, including simulated hospital rooms, a neonatal intensive care unit, a birthing suite and an operating room all of which are designed to be flexible enough to be configured as needs dictate. The third floor will have a community

pharmacy and 24 outpatient clinical rooms.

All three floors have debriefing rooms where instructors can critique student performance, small group rooms and administrative space. The building also has lounge, training and prep space for standardized patients - actors trained to portray patients.

> Sinai School of Medicine in New York and completed a fellowship in Human Patient Simulation at Mount Sinai Human Emulation Education and Evaluation Lab for Patient Safety and Professionalism, began his new job at UTHSC on June 1.

> Most recently, Dr. Epps has served as the associate director for the Office of Interprofessional Simulation at the University of Alabama at Birmingham (UAB), and as an associate professor with academic appointments in four schools there - Medicine,

Health Professions, Nursing and Engineering. He received his medical degree from the Medical College of Georgia School of Medicine in Augusta.

High-fidelity manikins, computerized

student training, expanding the work being

replicas of patients, will be available for

done at the interprofessional education

center. The manikins represent patients

The facility is also being designed to

accommodate continuing education for

existing health professionals, to serve as

affiliated with the College of Medicine, and

for team training for physicians and staff

members at partner hospitals.

a resource for the residency programs

across the age spectrum.

Looking Ahead

"I think I've always had the heart of an educator," Dr. Epps said. "I was exposed to the powerful effects of simulation during my residency in anesthesiology. I was so drawn to it as an educational modality that I completed a fellowship in simulation, and have been working in health care simulation ever since."

### It's a family affair

Sponsored by Omega Ministries/Omega Healthy Practices and the Healthcare Organizations of Greater Memphis Coalition, the of Nursing, and 194 dental 28th annual Back-to-School Family Affair was hosted by UTHSC screenings were performed by on July 16 in the Student-Alumni Center. the College of Dentistry.

Originally started as an event that assisted 150 children from the Memphis area, it has grown to serve more than 1,000 from all over the Mid-South by offering free health screenings, physical exams, immunizations, along with dental, vision and blood pressure screenings. UTHSC has participated in the event for more than 20 years, and two years ago began doing a school supply drive several weeks before the event on campus to equip students for the new school year. Altogether, 13 drop-off locations were set up throughout campus several weeks before the event. UTHSC also donated 1,000 backpacks that were filled with school supplies and then given away to students.

The event, which is held each July, brings together health care professionals and student volunteers from organizations including the UTHSC Colleges of Dentistry, Nursing and Pharmacy, Hamilton Eye Institute, Baptist Memorial Hospital, Methodist Le Bonheur Healthcare, Regional One Health, Shelby County Health Department, Lifeblood and many more

#### UTHSC College of Health Professions dean named special advisor to UT system president



Noma Anderson, PhD, former dean of the College of Health Professions at UTHSC since 2010, has been named



and inclusion to UT System President Joe DiPietro. Dr. DiPietro announced the appointment to the Academic Affairs and Student Success Committee during the UT Board of Trustees meeting held June 23-24 in Knoxville. Dr. Anderson has served

special adviser on diversity

as chair of the president's Diversity Advisory Council (DAC) since 2012. This new responsibility effective July 1, pulled Dr. Anderson away from her duties as a dean at UTHSC. However, she will remain on the faculty of UTHSC's College

#### Graduation 2016

In May, UTHSC graduated 779 new health care professionals at separate ceremonies for each of its six colleges. The graduate count by college is:

Dentistry - 123

- Graduate Health Sciences - 77
- Health Professions 188
- Medicine 158
- Nursing 81
- Pharmacy 152



to provide health care to the children in attendance regardless of whether their families are insured or uninsured. Among the services provided, 161 physical exams were done by the College

"Many rendered their services on Saturday, and many gave liberally toward the school supply drive understanding the challenges in our community concerning poverty and education." said Pam Houston, UTHSC director of special events and coordinator for the event. "If we can do anything to minimize obstacles that so often hinder a successful school year for our youth, we are supporting a portion of our mission. This is our call and our responsibility."



Ethan Ake, D4, (left) and Alex Jones, D4. volunteered at the 28th Annual Back to School Family Affair.

of Health Professions in the Department of Audiology and Speech Pathology which is located in Knoxville.

At UTHSC, Dr. Anderson has presided over a period of growth in the College of Health Professions. Founded in 1972 as the College of Community and Allied Health Professions, it became the College of Allied Health Sciences in 1985.

"Dr. Anderson has been a major asset to our College of Health Professions and to UTHSC," Chancellor Steve J. Schwab said. "She has moved the college forward on

"We're proud of our graduates," said Lori Gonzalez, PhD. vice chancellor for Academic, Faculty and Student Affairs. "We know that these individuals will positively impact health care as they become practitioners or providers."

Dr. Gonzalez noted that this year's graduating class of 779 is a significant increase in number over last year's class of 698 graduates. "UTHSC is committed to improving the health of Tennesseans, as evidenced by the increased

all fronts. We are happy that she will continue to be part of our UTHSC family, and will have the opportunity to share her extensive talents with the entire UT System."

Dr. Anderson has a distinguished academic and clinical history. She served as the chair and a professor in the Department of Communication Sciences and Disorders at Florida International University (FIU) in Miami. She was also dean of the School of Health Sciences at FIU for five years.

number of graduates - an increase of roughly 10 percent

over last year." she said. "Our mission is to improve the health of the citizens of Tennessee, and these graduates are not only going to do that, they're going to become leaders in their communities."

Turn to page 14 for the College of Dentistry graduation photo gallery.

### **Dentistry**



#### **OSA at UTHSC**

Each month for the past year, Steve Olmos, assistant professor in Restorative Dentistry and founder of the TMJ & Sleep Therapy Centre International of California, has been traveling to Memphis to treat patients with obstructive sleep apnea (OSA). This practice will become the foundation for the planned clinic which will provide non-surgical treatment options for both adults and children who suffer from this condition.

Dr. Olmos has offered mini-residencies in the topic at UTHSC through the College of Dentistry Office of Continuing Education and was a key presenter at the Meeting of the Minds program.

Dr. Olmos is shown above presenting a pediatric sleep apnea case to medical colleagues from Le Bonheur.



During the week of March 7-11, the College of Dentistry celebrated National Dental Assistants Week. Shown above are dental assistants who work in the college's dental clinics.

#### **Foreign Affairs**

The College of Dentistry has been successful in expanding its reach across the state. It is now looking to broaden its reach internationally through a new study abroad program.

Representatives from the European Union (EU) recently presented a proposal to Chancellor Steve J. Schwab and Dean Timothy L. Hottel, for funding international exchange programs through the European Community Action Scheme for the Mobility of University Students (ERASMUS) program. If an agreement is finalized, UTHSC will be the first school in the United States to participate in the study abroad program, which is funded by the EU. Through the initiative, the College of Dentistry will have the opportunity to collaborate with ERASMUS on enhancing international student exchange in both academics and research. The program will allow the College of Dentistry to send students or staff to participating institutions or host them.

Since the 1980s, the ERASMUS exchange program has been providing students and higher education teaching staff in the EU the opportunity to go abroad while completing their degree. The program is currently offered in 33 countries.

Students who study abroad have shown better adaptability working in a multicultural environment, and the College of Dentistry has welcomed students from other countries. In the past, the College of Dentistry has hosted Bulgarian dental students through the Global Oral Health Institute, a network of dental schools across the globe offering predoctoral students the option of participating in a global dentistry clinic during their senior year. Neli Dilkova, a dental student from Bulgaria who participated in the program, said of her experiences at UTHSC, "We made wonderful friends, and we hope that it will be a lifetime friendship." The College of Dentistry will welcome new students from Bulgaria in September.

The College of Dentistry is committed to UTHSC's mission of public service, and currently has service opportunities for its students to go abroad. Trips to El Salvador and Haiti are just a few examples of past global outreach by the college.

"We want our students to go abroad, to take our dentistry practices, and go out and treat people who are underserved," said Dr. Hottel.



From left: John Seeberg, DMD, associate dean for Extramural Affairs; Franklin Garcia-Godoy, DDS, PhD, PhD, senior executive associate dean of Research; Edward J. DeSchepper, DDS, MAEd, MSD, associate dean of Academic Affairs; Timothy Hottel, DDS, MS, MBA, dean, all from the UTHSC College of Dentistry. Visitors from the EU pictured are: Stefan Kostianev, MD, PhD, DMS, director and professor; Marianna Murdjeva, MD, PhD, vice chancellor of international relations and professor: Bogomil Andonov. DDS. MSD. assistant professor operative dentistry and endodontics. Chris Ivanoff, DDS, associate professor in Bioscience Research and director in Global Outreach in the UTHSC College of Dentistry is at far right.

### From dream to reality

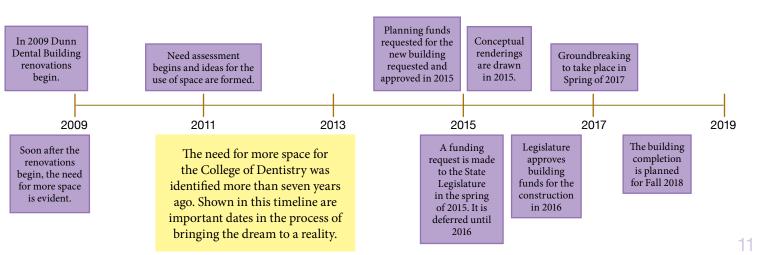
Feb. 1 was a landmark day in the life of the UTHSC College of Dentistry as Goy. Bill Haslam made his 2017 budget proposal. SB2653. It included \$39 million to build a new College of Dentistry annex and to renovate the college's existing facilities. On April 21, the governor signed the bill, making the funding for the long-awaited building a reality. Currently the plans for the building are being fine-tuned, and

preparations for the ground breaking are being made. The 80,000 square-foot, four-story building will house classrooms and laboratories, along with faculty and administrative offices. It will feature a special needs clinic to care for both children and adults who are not able to receive dental care in a traditional practice setting.

#### The Smile180 Foundation commits funding for new **Dunn Building Annex**

The College of Dentistry has also secured a pledge in support of the new building from the Smile180 Foundation. the philanthropic arm of Delta Dental of Tennessee. Earlier in the year Delta Dental President and CEO Phil Wenk, a 1977 graduate of UTCOD, signed the official agreement that will provide a naming opportunity for the building.

Shown signing the agreement from left to right are Dean Tim Hottel, Dr. Phil Wenk, UTHSC Chancellor Steve Schwab, UTHSC Executive Vice Chancellor and Chief Operations Officer Ken Brown.





News



Terryl Propper, DDS '82, was surprised by the Benco Family Foundation with a gift in her honor to support the special needs dental clinic that will be a part of the new dentistry annex. The presentation was made in front of the more than 800 in attendance at the 2016 Benco Sales Forum held in March.

If you would like to know more about the special needs clinic, or the Women's Initiative, please contact Will Whiting at (901) 448-5516.

Shown from left to right are: Julie L. Radzyminski, Benco vice president of Business Innovation; Kealy Akin, former Benco territory representative; Dr. Propper and Charles F. Cohen, Benco managing director.

### **Congratulations** 2015-2016 Faculty Enrichment Awards

Dean Tim Hottel presented the following faculty awards at the college's Bowyer Lecture in February 2016. These awards are funded annually through enrichment endowments established by alumni and friends of the UTHSC College of Dentistry. Thanks to our donors who have made these awards possible and congratulations to our recipients.

#### **Bowyer Clinical Sciences Faculty Enrichment Award**

Jay Ragain, DDS, MS, PhD (Restorative Dentistry)

#### Bowyer Basic Sciences Faculty Enrichment Randall Nelson, PhD (Anatomy and Neurobiology)

#### John S. Diggs Nelson Faculty Enrichment Award

Gary Rollins, DDS (General Practice, Restorative Dentistry) Darton Taylor, DDS (General Practice, Restorative Dentistry) Scott Hollis, DDS, MDS (Prosthodontics) Marty Green, DDS, MS (Periodontology)

#### John S. Diggs Nelson Graduate Faculty Enrichment Award

David Cagna, DMD, MS (Prosthodontics) Sidney Stein, DMD, MS, PhD (Periodontics)

#### Samuel H. Hardison Faculty Award

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David Tipton, DDS, PhD (Bioscience Research, Periodontology)

Carl Don and Glenda Mabry Faculty Award Jegdish Babu, MS, PhD (Bioscience Research)

#### **College of Dentistry Clinical Sciences Award**

Elaine Stegman, RDH, BS, MDH (Dental Hygiene) Mary Aubertin, DDS (Diagnostic Sciences & Oral Medicine) Beth Mobilian, RDH, BA, Med (Dental Hygiene) Jennifer Lou, DDS (Pediatric Dentistry and Community Oral Health) David Umsted, DDS (Prosthodontics) Shokoufeh Shahrabi Farahani, DDS, MS, DMSc (Diagnostic Sciences & Oral Medicine)
Daranee Versluis-Tantbirojn, DDS, PhD (Restorative Dentistry)
Constance West, DDS (General Practice, Restorative Dentistry)
James Kimmelman, DDS, MS (Periodontology)
Marjorie Woods, DDS (Diagnostic Sciences & Oral Medicine)

#### **College of Dentistry Junior Faculty Enrichment Award**

Mohammed Ghadri, DDS (Periodontology) Vickie Jones, RDH, BS (Periodontology)

College of Dentistry Dean's Appreciation Award Ashanti Braxton, DDS (Restorative Dentistry) Mustafa Dabbous, MS, PhD (Bioscience Research) Antheunis Verluis, PhD (Bioscience Research) Mark Scarbecz, PhD (Institutional Affairs) Yanhui Zhang, PhD (Bioscience Research) Melissa Marchesan, DDS, MS, PhD (Endodontics) David Redmond, DDS (Restorative Dentistry) Larry Dormois, DDS, MS (Pediatric Dentistry and Community Oral Health)

Mary Jefferson (Bioscience Research)

#### Kirby and Pat Walker Faculty Enrichment Award

Jim Simon, DDS, MEd (Restorative Dentistry)

#### Hinman Faculty Fellowship Awards

Jeffrey Brooks, DMD (Oral & Maxillofacial Surgery) Anastasias Karydis, DDS, MS, PhD (Periodontics) Jack Seeberg, DMD (Clinical Affairs) William Noyes, DDS, PA (General Practice, Restorative Dentistry)

**Distinguished Faculty Award** Barry Owens, DDS (Restorative Dentistry)

#### Saving smiles at 47 events

The numbers are in for the 2015-16 UTHSC College of Dentistry Oral Health Outreach Initiative, and they reflect the combined efforts of Tennessee Smiles: UT Grassroots Oral Health Outreach Initiative and Urban Smiles, an initiative of the Departments of Dental Hygiene and Graduate Peridontics. Altogether, the college took part in 47 community engagement efforts that reached across social and cultural borders in providing care. These included Memphis Interfaith Agency (MIFA) screenings for employees, "It's a Family Affair," the Westside Middle Ultimate Block Party, the Teen Appeal Camp and the Diabetes Health Fair, along with numerous back-to-school and community support events.

When teams of volunteers were not able to attend an event and dental products were available, dental items were given to a representative from the sponsoring organization for distribution. The dental oral health care products consisted of toothbrushes, toothpaste, floss, Polygrip denture adhesive, and mouth rinses when available. Dental and medical health care information was also provided during the events.

#### The University of Tennessee Health Science Center

#### Student Government Association Executive Council Awards

A total of 12 UTHSC faculty members were honored with one of the most prestigious awards that can be given from students to a faculty member, the SGAEC Excellence in Teaching Award. The honorees were recognized at this year's SGAEC Awards Banquet held at the Student Alumni Center on May 3.

The annual awards ceremony recognizes two faculty members from each college, with the award presented by each college's SGAEC representative. Requests for nominations go out during the spring with students nominating faculty they believe meet the following criteria — demonstration of outstanding teaching ability, presentation of materials in a way that sparks interest and independent thought, effective organization and communication of the subject, responsiveness to students inside and outside of classrooms, and genuine concern for students' learning.





**William Noyes, DDS**, was one of three recipients of the UT Alumni Association Outstanding Teacher Award. Dr. Noyes is an assistant professor in the UTHSC College of Dentistry and acting chair of the Department of General Dentistry.

In 2002, he and his wife, Nancy, founded the Noyes Brain Tumor Foundation, after their oldest son, Matthew, was diagnosed with a malignant brain tumor. The diagnosis led to the first of many trips to Memphis for Matthew's treatment at St. Jude Children's Research Hospital. The foundation has raised more than \$1 million for brain tumor treatment and research at St. Jude, chiefly by means of an annual fund raising dinner and auction, Dr. Noyes said. The foundation also helps children attend Camp Sunshine, a camp for children with life-threatening illnesses, in Casco, Maine.

In 2013, after his wife became the first bereavement coordinator at St. Jude, Dr. Noyes sold his private practice in Maine and moved to Memphis. He began his career at UTHSC as a clinical group leader, and has served in the Faculty Senate and numerous other College of Dentistry committees. In January 2016, he was named the acting chair of the Department of General Dentistry. I didn't expect it at all," Dr. Noyes said of the award. "I'm very appreciative."

Dentistry

#### Faculty

Vickie Jones, RDH, instructor in the department of Periodontology in the College of Dentistry; James C. Ragain, DDS, PhD, associate professor in the department of Restorative Dentistry were chosen to receive the award. The awards were presented by College of Dentistry SGA President John "Pug" Pate. Later that evening, the Imhotep Society inducted new members. The Imhotep Society is an invitational organization established by the UTHSC SGAEC to recognize students who have shown dedication in service, leadership and student life. At the time the society was established, the SGAEC members recognized that student leaders sacrificed high academic achievement and may not necessarily receive recognition through organizations that traditionally recognize academic and clinical performance. The SGAEC wanted to honor these student leaders and volunteers in a way that gave appreciation and encouragement in leadership and volunteerism as students and alumni and founded the society. They chose to name it after Imhotep, Egyptian

Each college SGA has its own classification and point system for nomination into the society. This year's College of Dentistry inductees are: Morgan E. Broussard Thomas Alexander Sara Lynn Bohanon Iones Hallie Boston Jack Kang Christian Cain **Emily Kymer-Davis** Camille Rose Jonathan F. Carrera Maira Paola McMurry Castaneda Jonathan Alexander Brent T. Danley McNair Iordan Elizabeth Sarah Mixon Dunn Ashton T. Monks Anna Claire Eaton Ashlev Breann Charly Nicole Neafus Edwards Kelsey M. Norton Samantha Ellis Carly Overmyer Taylor Elaine Enochs Hayley Parks Michael Fesmire John D. Pate **Jill Emily Gibson** Leena Mukesh Patel Kendal Graham Colton Rainier Popp Holly Green Stephen Raines Hannah Hanson Morgan T. Rebeck Kristen Suzanna Cozy X. Ruan Iulian Brandt Smith Hayes Anna Elizabeth Jacob Sparks Hill-Moses Ellie Spencer Michelle Carolyn Sam Hutton Thomas D. Jenkins Wieczvnski Wes Joseph Johnson Matthew J. Woods Xandria L. Johnson Iahon T. Zehtaban Gary Jones

College of Dentistry SGA President John "Pug" Pate presented awards to Vickie Jones, MDH, RDH (left) and James Ragain, DDS, PhD (right) at the annual SGAEC awards banquet.



### 2016 Graduation

Graduation was a great event for the College of Dentistry students and their families. There were some particularly unique moments during this year's ceremony. Not included in the listing below, but participating, was Palmer Louise Seelinger, the daughter of Chelsea and Payton Seelinger. Considered an honorary member of the graduating class, she was born during her parents' D3 year. She was carried across stage by her father while her mother, who had just received her hood, watched.

Other family highlights included Assistant Professor Anne Hill stepping up and hooding her son, Tristan. The sense of pride showed from Tennessee Dentistry Association President and graduation speaker Rick Guthrie as his son, Frederick Vanhuss Guthrie, received his diploma.

On Friday, May 20, 122 students received their degrees from the College of Dentistry at a ceremony held at the Cook Convention Center in Memphis. After Dean Timothy Hottel presented the candidates for graduation, UTHSC Chancellor Steve Schwab conferred the degrees.

#### **Doctorate of Dental Surgery**

	Doctorate of Dental Surgery	
	Chad S. Adams	Jefferson City, Tennessee
	Luke W. Adlong	Conway, Arkansas
	Michael Imad Alharir	Cordova, Tennessee
	Kendall Payne Allen	Knoxville
	Mahmoud M. Amine	Johnson City, Tennessee
	LaRhonda L. Apata	Conway, Arkansas
	Amy R. Balestrino.	
	Kyle Nathaniel Berrong	
	Mohammed Ahmad Bleibel	
	Mckenzie L. Boling.	,
	Kulwinder K. Braich	
	Brett Burana	
14	Matthew C. Camp	-
	Diane R. Chavis	
	Cody L. Clark	0
	Michelle M. Fernandez.	
	Daniel Glenn Fields	,
	Zachary D. Fields	
	Michael Anthony French	
	Francisco N. Gari	
	Sujata Sanjay Gawande	•
	Andrew T. Glassell	<i>,</i>
	Morgan Warner Gonder	<i>,</i>
	Jessica L. Gursakal	
	Frederick Vanhuss Guthrie	
	Amanda H. Hall	,
	Evan J. Hamilton.	
	Corey J. Haughey	•
	Jonathan D. Herberich	
	Lyle Robert Higgins	
	Tristan A. Hill	Collierville, Tennessee

Rick Guthrie, DDS '87, president of the Tennessee Dental Association, presented the alumni pledge to the class of 2016. He spoke about his personal interaction with the dental students who participated in the first Bristol clinical rotation. His remarks to the class focused on the importance of continuing the strong bonds



and connections forged in dental school with fellow students and clinical instructors.

Frank Stockdale Carney, JD, who is a member of the dentistry class of 2019, not only served as organist for the ceremony, but also sang the national anthem.

Kimberly E. Pollard. Colton R. Popp. James A. Pritchard. Katherine L. Ramsey Abigail B. Roach. Christopher Rodriguez. John C. Scott . Leah Ladelle Scruggs Chelsea Jolynn Seelinger Payton Mathew Seelinger Chad M. Slaven Shane M. Smith Loren Benjy Stringfellow Christopher D. Thomas Hung C. Truong Kinjal S. Vora Dustin Guy Wallace . Nathan D. Waloshin Allen Riddick Williams	Hixson, Tennessee Bell Buckle, Tennessee Wichita, Kansas Forrest City, Arkansas LEI Dorado, Arkansas North Little Rock, Arkansas North Little Rock, Arkansas North Little Rock, Arkansas Rerogate, Tennessee Brookland, Arkansas Fort Smith, Arkansas Norville McDonough, Georgia El Dorado, Arkansas Pine Bluff, Arkansas Memphis
Adam Wohl	Knoxville
David T. Young	Dyersburg, Tennessee
Thomas D. Yun	,
Scott T. Zimmerebner	Fayetteville, Arkansas
Maatan of Saian as in Dantal Uraiana	

#### Master of Science in Dental Hygiene

Leslie L. Barkley	. Englewood, Tenness
Patricia Marie Gainey	Chatsworth, Georg
Michelle Ann Hart.	Highland Village, Tex
Vickie English Jones	.Booneville, Mississip
Christy Lanise Lewis	
Denise Wood Stokes	Okeechobee, Florid







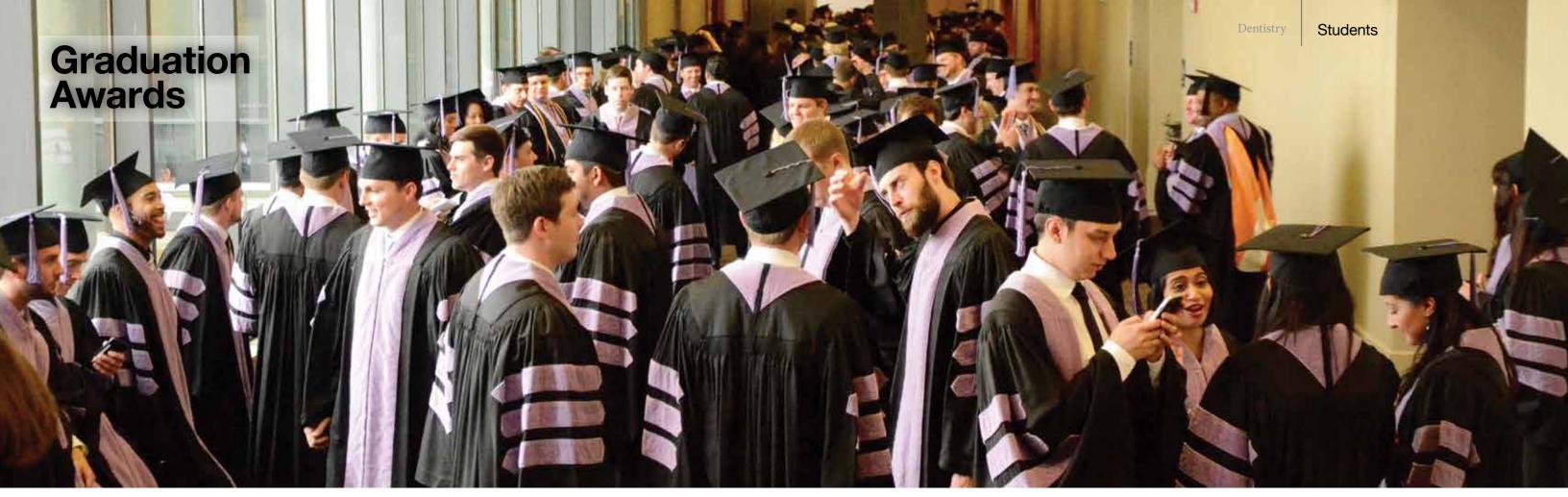


After the graduation exercises, a commissioning ceremony took place for the five members of the class who will be fulfilling military obligations. They were sworn in by Professor James Ragain, captain in the U.S. Naval Reserve.

#### **Bachelor of Science in Dental Hygiene**

see	Catherine Barganier	Millington, Tennessee
see	Hallie Elisabeth Boston	Lawrenceburg, Tennessee
sas	Jerrie Carrington	Union City, Tennessee
ville	Lyndsey Crump	Newark, Arkansas
sas	Jasmine Latoria Daily	Memphis
sas	Tara Ashley Elliott	Collierville, Tennessee
ville	Tonya Nicole Foster	Byhalia, Mississippi
sas		Memphis
sas	Ashley Nicole Gwaltney	Union City, Tennessee
see		Memphis
sas	Elana Danielle Headden	Hilton Head Island, South Carolina
sas	Kristen Herring	Collierville, Tennessee
ville	Laura Renee Hill	Collierville, Tennessee
gia	Denita Juilet Kneeland	Cordova, Tennessee
sas	Camille Rose Mcmurry	Olive Branch, Mississippi
sas		Wynne, Arkansas
sas	Allison Anne Owen	Old Hickory, Tennessee
his	Sharline Patterson	Memphis
sas	Ellina L. Peters	Bartlett, Tennessee
ville	Candace Claire Pugh	Rossville, Tennessee
see		Memphis
sas	Kaitlin Ann Schofield	Oak Ridge, Tennessee
sas		Collierville, Tennessee
	Kalyn Amanda Taylor	Jonesboro, Arkansas
	Quyen C. Vo	San Leandro, California
see	Alison Nicole Walters	Columbia, Tennessee
gia	Brooke Lauren West	Munford, Tennessee
kas	Karrington Elizabeth Wisdom	Lawrenceburg, Tennessee
ppi	Christina Marie Yearwood	Cordova, Tennessee

ida



#### **Doctor of Dental Surgery Awards**

Academy of Dental Materials Award Amv Balestrino

Academy of Operative Dentistry Award Amy Balestrino

Academy of General Dentistry Award Michael Alharie

Academy of Osseointegration Outstanding Student Award Grant King

American Academy of Oral Medicine Award Francisco Gari

American Academy of Pediatric Dentistry **Certificate of Merit** Chad Slaven

American Academy of Periodontology for Achievement in Periodontology Eric Linkous

**American Association of Endodontists** Achievement Award Michael French

American Association of Oral and Maxillofacial Surgery Award Payton Seelinger

American Association of Oral Biology "Oral Biology Award" Chad Slaven

American Association of **Orthodontists Award** Eric Linkous The University of Tennessee Health Science Center

American Association of Public Health **Dentistry Award** Jonathan McNair

American Association of Women **Dentists Award** Emily Kymer-Davis

American College of Prosthodontics Award Christopher D. Thomas

Dentsply Removable Prosthodontics Award Kendall Payne Allen

American Academy of Oral and Maxillofacial Pathology Award

Ashley Hutchinson American Academy of Oral and Maxillofacial

**Radiology** Award Justin McKinlay

Pediatric Dentistry Alumni Award Brian Platt

**Sidney Freidman Award in Periodontics** Amy Balestrino

Southeastern Academy of **Prosthodontics Award** Adam Wohl

Tennessee Society of Pediatric **Dentistry Award** Ashley Hutchison

WhipMix /Hanau Prosthodontic Award William Wilson

American College of Dentists Outstanding Leader Award Colton Popp

Jack Wells Dedication to Dentistry Award Eric Linkous

Dean's Leadership Award Amy Balesterino

Dean's Award for Clinical Excellence Iames Newman

**International College of Dentists Student** Leadership Award Brian Platt

**Pierre Fauchard Academy Award** Kendall Payne Allen

Dr. Malcolm Overbey Student Leadership Award Chad Slaven

Dr. Wisdom F. Coleman, Jr. Student Leadership Award Jonathan McNair

Academy of Dentistry International "Student Servant" Ashley Hutcheson

Student Service SGAEC COD President Amy Balestrino

**Imhotep Society** Amy Balestrino

Matthew Camp Ashley Hutchinson Samuel Hutton

Emily Kymer-Davis Latoya Legrand Eric Linkous Ionathan McNair

Colton Popp Kendall Payne Allen Brian Platt Chad Slaven

**Student National Dental Association Graduating Senior Award** Latoya Legrand

**American Student Dental Association** Award of Excellence Brian Platt

Ashley Hutchinson

Emily Kymer-Davis

Kate Kirkpatrick

Eric Linkous

James Newman

Kendall Payne

Chelsea Seelinger

Payton Seelinger

Brian Platt

Chad Slaven

Grant Thomas

David Young

#### **Dean's Society**

Mahmoud Amine Amy Balestrino Kyle Berrong Mohammed Bleibel Matthew Camp Michelle Fernandez Michael French Morgan Gonder Jessica Gursakal Amanda Hall Evan Hamilton Corey Haughey Lyle Higgins

#### **Omicron Kappa Upsilon**

Amy Balestrino Kate Kirpatrick Michael French Eric Linkous Morgan Gonder James Newman Lyle Higgins Brian Platt Ashley Hutchinson David Young

Faculty Medal for Highest Grade **Point Average** Eric Linkous

Certificate of Merit Graduating with Highest Honors GPA greater than 3.85 Eric Linkous

Certificate of Merit Graduating with High Honors GPA greater than 3.75 Morgan Gonder

Certificate of Merit Graduating with Honors GPA greater than 3.50

Lyle Higgins Certificate of Merit Graduating with Honors *GPA greater than 3.25* Michael French

Amy Balestrino James Newman Brian Platt David Young Kate Kirkpatrick

**Point Average** Lauren Raines

**Clinical Achievement Awards** Jasmine Daily Ashley Gwaltney Lauren Raines

**Professional Leadership Award** Kalyn Taylor

**Bachelor of Dental Hygiene Awards** Faculty Medal for Highest Grade

**Colgate Star Award** Candace Pugh

**Community Service Award** Allison Owen

**Golden Scaler Award** Kaitlin Schofield

**Urban Smiles Award** Ashley Gwaltney

**Tennessee Dental Hygiene Association Outstanding Student** Tonya Foster

Faculty Development Award Tara Elliott

Scholarly Research Awards **Catherine Barganier** Lyndsey Crump Camille McMurry Sharline Patterson Brooke West

**Imhotep Society** Hallie Boston Hannah Hanson Camille McMurry Lauren Raines

Kalvn Taylor Quyen Vo Karrington Wisdom 17

#### Masters of Dental Hygiene

**Outstanding Graduate Student Award** Vickie Jones

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College of Dentistry students accepting military commissions, from left to right:

- Hung C. Troung U.S. Army
- Loren Stringfellow commissioning officer representing the U.S. Army Reserve
- Kyle D. Lee U.S. Navy
- Jay Ragain, DDS Captain, Dental Corps, U.S. Navy, retired
- Guy Wallace U.S. Army Reserve
- Latoya Legrand-Lewis U.S. Army Reserve
- Richard McConnell U.S. Army National Guard



### White Coat 2016

In what has become one of the highlights in the dental education course of study, proud parents and friends gathered on July 15 in the Cannon Center for the Performing Arts in Memphis to watch the 89 members of the Class of 2018 take part in the College of Dentistry Commencement to Clinical Practice, or as commonly called, the White Coat Ceremony. Held at the beginning of the D3 year, students receive their white coats, clinical business cards and professionalism certificates. They also take the Oath of Ethical Practice.

This year, Jeannie Beauchamp DDS '91, secretary of the Tennessee Dental Association and past president of the UT Alumni Association was the keynote speaker. The event was sponsored by the American College of Dentists, the International College of Dentists and the UT College of Dentistry Alumni Association.

Sarah Atkins Kathryn Beil Bryan Benbow Cheryl Bird Dana Bodenner **Brian Brodine** Jennifer Brown Brooklin Byrd Christian Cain Amy Campbell Jerold Campbell Samuel Cason **Christopher Chandler** Tapuwa Chikowore Cody Christian Auddie Cousins Brent Danley Benjamin Davis John Philip Davis Gregory Digby Casey Dominguez Charly Edwards





Dentistry

#### Students

#### Members of the Class of 2018

Abdullah Elassouli Robert Ellison Michael Estivo Shelly Gareiss Jill Gibson Bradley Gill Bryan Goodman Ty Grabovich Caitlin Graham Holly Green Jessie Gregg Kenneth Groshart Robert Hannah Sarah Hardin Alayna Hattenhauer Corev Hill Fred Hollingsworth Stefan Hottel **Devin Hueston** Thomas Jackson Austin Johnson Lacy Jones

Logan Jones Sydney Katras Thomas Kiefer Andrew Kinzler Mary Kirkpatrick Daniel Knighton Riddhi Kshatriva **Richard Law** Nick Le Junsup Lee Soojin Lee Amelia Lindsey Alan Liu Ernest Lunsford James Magee Adam Major Alaina Marinello Jeffrey McKnight Ashley Metcalfe Allison Miles Brittany Mitchell Emily Muller Nadareh Naseri

Brooke Overbey Hayley Parks Binal Patel Phillip Platt Isaac Quilhot Dylan Reed Shelley Sanford Sheshaben Shah Haley Sharp Hayden Smith Daniel Stegall Loi Ta Samuel Teague Hong Tran Totrinh Tran David Travis Ryan Tuto Jessica Wang Mark Whitlock John Wilson Jennifer Young Asma Zuberi

#### By the numbers

<i>Information about the new D1 class</i>
Size
Diversity
African-American2
Asian 19
Hispanic2
Native-American1
>30 years of age5
Women42%
Men58%
First generation college10
Armed forces veteran1

### Why is anaplastology a part of the College of Dentistry?

With the start of World War II, European sources for the glass used to make artificial glass eyes were no longer available. Because many injured U.S. soldiers returning from war needed artificial eyes, the U.S. government began a search for new materials to use in producing them. Medical grade plastics were being used in the dental field, and the Department of the Navy successfully applied this material to the production of artificial eyes.



Now, most artificial eyes are made of acrylic. Other extraoral prosthetics, such as ears and noses, are made of pliable, paintable silicone.

Throughout the years, the materials and how prosthetics attach to the body have improved. Singer has helped advance the field with the invention of 3rd Degree, a technically advanced silicone molding compound and Dermaflage, a topical dermal filler.





The unfinished, unpainted silicone model is compared to the existing ear, and the final sculpting and finishing is done. "I'm pretty fast when it comes to sculpting. I take a color sample of the patient's base skin tone and then I'll finish the sculpture, make molds and cast the silicone. The patient comes in and I make sure it fits right and retention is going to work. When it's correct, I paint it with the patient present."

By Jon W. Sparks

#### About the process

Taking a careful assessment of the patient when he or she comes in for the initial appointment is a critical first step. Singer said that the candidate for a prosthesis must be able to take care of it, have the dexterity to put it on, and be responsible in coming to appointments.



Making impressions that are used in producing the prosthesis is the next step. In this patient's case, impressions of the both the remaining ear and the defect site were done. A wax sculpture with a dental base plate wax was then made. After this, the mold is packed with silicone.

#### Art + science Anaplastology and the creation of custom prostheses

Anaplastology is a clinical profession that provides reconstructive and custom prostheses to restore the normal appearance of patients who have malformed, disfigured or missing parts of the face. Here, art and science must combine to produce lifelike eyes, noses and ears that are functional, comfortable and, most importantly, believable. The goal is that the prosthesis is undetected when worn. Within the College of Dentistry, Anaplastology is a specialty service housed in the Department of Prosthodontics and provides training for residents who hope to work in this field.

And through this service, anaplastologist Maddie Singer, creates remarkably realistic prosthetics that are astounding to behold. Singer said people are surprised at how realistic her work looks. "Think about how many variables are required to have a nose seamlessly fit on your face. It's the center of focus." It takes considerable skill to hide the edges so they blend in naturally. "And if you look at the paint jobs you'll notice mottling, a spatter technique," she said. "I'll use toothbrushes or airbrushes to make it look real. I'll purposely put in a dark spot to make it imperfect, so it looks more real. When I do an orbital, I hand-punch each hair in and will even do eye makeup, like an eyeliner, and add freckles and veins. That really brings it to life."

Singer's intricate work is an evolution from her days in Hollywood, when her work involved turning actors into monsters and space aliens. Her creative background working on "The X-Files" and "Buffy the Vampire Slayer," among numerous other television and film productions, opened the way for her to become a prosthetics innovator and inventor. In 2003, she stared working in the College of Dentistry's postgraduate program in prosthodontics.

Her view of the prosthetic is that it is a totem. "It represents what they [the patients] think they need in order to feel whole again," she said. "I'm taking the power away



Finally, Singer teaches the patient how to wear the prosthesis and that can be a challenge. "It's sometimes difficult for them to have dexterity needed to place the prosthesis, and I have follow ups to make sure they're using it correctly. I also tell people to keep out of the sun, not only for their health, but because skin changes," said Singer.

from this totem in the construction of this prosthesis. It takes away its power of necessity, and that's why patients tell everybody that they have a prosthetic."

Thank the original "Planet of the Apes" movie for getting Singer into her calling. "I was fascinated by how they could make people look like apes, and I devoted my entire teenage life to learning special effects makeup," she said. "I took out every book in the library and taught myself to do prosthetic makeup."

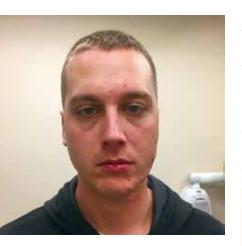
To achieve this career goal, she studied film at New York University, doing makeup for student films. While at NYU, she went to a veterans hospital to see what was being done with prosthetics. "They were awesome and let me check it out," she said. "That was the first time I'd seen silicone prosthetics. The prosthetics made for film and television were made out of foam rubber, but it's opaque and doesn't really emulate the qualities of skin. Silicone had an aesthetic that could replicate the quality of skin better than anything I'd ever seen."

Later after moving to California, Singer took advantage of Dow Corning's interest in getting silicone into the film industry by learning all she could about it and pioneering one of the first silicone prosthetic systems in Hollywood. "I invented a product called 3rd Degree, which made me some money," she said, "and I decided I wanted to learn anaplastology."

When she came to Memphis in 2003 to begin her work at the College of Dentistry, she taught sculpture at the Memphis College of Art for a time, and has been refining her research and work. She developed a silicone artificial eye and has spoken at anaplastology conferences around the world. "I've been really fortunate," she said. "I've been involved with the university for 13 years, and I've been full-time here going on two years."

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Recently, Singer was showing visitors display boxes with examples of her handiwork of orbital, nose and ear prostheses. "Most subjects I work with have skin cancer," she said. "I do quite a few nasal and auricular prosthetics." She also works with patients who have other diseases or have suffered trauma.



#### **Dustin's story**

The 29-year-old former Marine Michael Dustin Hale was in an automobile accident and lost his left external ear. While he was getting treatment at the Veterans Affairs Hospital in Memphis, someone recommended he see Singer. Together, they first tried an adhesive ear, but that proved impractical, so Hale chose to have magnetic retention implants placed behind his ear. Singer created a prosthetic ear that clicks effortlessly into place and looks as real as it can be. "When I got the ear I felt like I got a piece of me back," Hale said. "It gave me a positive outlook."

For several months after the accident, Hale was very low. "I didn't want to go outside and do anything, partly because I was wrapped up like a mummy. I got in this groove of staying home, until one day I snapped out of it. I told myself that I'm the best-looking person on the planet and nobody can tell me any different."

The moment Hale decided he wouldn't let the wreck change who he was, he committed to the process. And now he loves the result.

Sitting in an examining room, Singer was checking how the ear was holding out after three months of use and asked her patient, "You show it off a lot?" Hale grinned and admitted he has fun with it. "Since it's magnetized, I'll put it in different places, like sticking it on people's car door handles. My girlfriend will say, 'please don't do that, we're going into this restaurant."

"Maddie has helped me tremendously inside and out, and I'm getting back to the same Dustin," he said. "It has been therapeutic, and I wouldn't change it for the world."

There's an easy back-and-forth between Singer and Hale, something the anaplastologist feels is an important part of what she does. "Every patient is someone I'll know for many years," she said.

For Singer, blending art and science has a huge payoff. "My patients are proud of the art that makes them whole again," she said. "They wear my art proudly and that makes me happy.





Top left: A full face photo of Hale during his first visit with Singer taken to document the progress.

Center: Magnetic implants were imbedded to secure the prosthetic.

Bottom: Hale with his new prosthetic ear snapped into place.

To see a short video of Hale attaching his prosthetic ear, go to https://www.youtube. com/watch?v=zWrC\_89a3w0.

To learn more about anaplastology or to make an appointment with Singer, please call (901) 517-8198 or email msinger1@ uthsc.edu.





Singer's talents as a sculptor are now on display in the College of Dentistry Building on campus for all to see. She noticed that there was no sculpture of former governor Dr. Winfield C. Dunn in the building, although he has contributed significantly to it over the years, so much so that the building at 875 Union Avenue is named for him. She proposed doing a bust of Gov. Dunn and received permission to create the work. It is now on prominent display in the lobby of the building.

Shown at left: Singer poses with the sculpture from which the bronze bust of Gov. Dunn was cast. To see the finished product, check the back cover.

"It takes an average of a month to do one." she said. "There are a lot of measurements and using scale references. I want people to marvel at the likeness."

She has also prepared shadow boxes that showcase a variety of different prosthesis that are now on display in Dean Hottel's office.

### Consequences

#### Caring for patients with hemophilia

#### By Erinn Figg

Che end goal is to give our patients

comprehensive care,

not just for their

disease, but also so

they can maintain

function in society..."

their teeth and

C C

For most people, having a cavity filled, or even just an annual dental exam, is a typical procedure which, at most, can be uncomfortable. However, for a patient with hemophilia – a rare bleeding disorder that prevents the blood from clotting normally – a trip to the dentist could have far more serious consequences.

"Anything that has to do with oral infection, tooth extraction or even filling a cavity is a much bigger issue for a hemophiliac than it would be for someone without hemophilia," said College of Dentistry Dean Tim Hottel. "People like you and me usually heal up after a dentist appointment before we get home, but for someone with a blood disorder, that's not the case."

With the goal of providing safe and extensive oral health care for hemophilia patients, the College of Dentistry soon will offer dental services at UTHSC's Hematology Clinic that opened in March and has further expansions in the works.

"At the Hematology Clinic, we provide comprehensive care to patients with bleeding and thrombotic disorders and other rare blood disorders. We have skill sets, an onsite lab and infusion services to diagnose, manage and treat these disorders, including hemophilia," said Dr. Sandeep Rajan, medical director for the clinic. "Our clinic is built to provide holistic care, hence we are expanding to include primary care, physical therapy, dentistry and rheumatology and other consultative services to patients with such disorders."

Dean Hottel said architectural plans for the clinic's dental offices are underway and services are expected to be in full swing by early next year. "Most likely when we resume classes in January, we'll be sending in a resident - either a periodontal resident or an Advanced Education in General Dentistry (AEDG) resident – who is trained in more complicated medical cases, along with a senior dental student," he said. "That way, there's also an educational component, and our students will graduate with at least some practical knowledge of how to manage a patient with clotting disorder. And there are a lot of those patients out there."

Dean Hottel continued by saying that he's not aware of any other dental school in the country with a focus on treating patients with blood disorders. As a result, many dentists have limited options in such circumstances.

"Most general dentists will either call the patient's physician to adjust certain medications in advance, which will hopefully allow them to clot," Dean Hottel said. "Or sometimes they'll just say, 'l can't treat you' and send that patient to the emergency room, where they can't do much except extract teeth."

According to Dean Hottel, the dentistry practice at the UTHSC Hematology Clinic should change that scenario, at least in this region. The clinic's dental staff will be able to work hand-in-hand with hematologists and other blood disorder specialists to address each patient's individual needs.

"Not only will it allow the on-staff resident and students to treat patients in a clinic with a full medical staff next door if something goes wrong, but it also will enable them to do much more than just extractions, such as regular cleanings and fillings," Dean Hottel said. "The end goal is to give our patients comprehensive care, not just for their disease, but also so they can maintain their teeth and function in society. For example, if you want to go out and get a job, it can be difficult to do when you're missing your front teeth."

Dean Hottel said the dental clinic initially will operate two days a week with a staff of two and equipped with one dental chair. He estimates they'll be seeing a minimum of 150 patients who are already receiving other types of care at the hematology clinic, but he expects this number to increase.

According to the Centers for Disease Control and Prevention, approximately 20,000 people in the United States are living with hemophilia. For this reason, Dean Hottel hopes the work the College of Dentistry students will be doing at UT Hematology Clinic will ultimately have farreaching effects.

"The long-term goal is to develop a protocol that could be disseminated to all dental schools and possibly integrated into their curriculums," he said. "Let's say we treat 300 patients next year, then we anticipate that we're going to have about 1,500 patient visits a year for these folks. With the practical knowledge we gain, we should be able to develop some type of a protocol that could hopefully be published everywhere." The dentistry hemophiliac clinic has been funded by a grant from Delta Dental.



#### FACTS ABOUT HEMOPHILIA

- Hemophilia is usually an inherited bleeding disorder, caused by gene mutation, that prevents the blood from clotting properly, resulting in spontaneous bleeding and excessive bleeding after injuries or surgery.
- Hemophilia affects one in 5,000 males. Females also can have hemophilia, although these cases are rare.
- Currently about 20,000 American males are living with hemophilia. About 400 babies are born with hemophilia each year in the United States.
- In about two-thirds of hemophilia cases, there is a family history of hemophilia.
- Hemophilia can cause bleeding in the joints that can lead to chronic joint pain or joint disease; bleeding in the head or brain, which can case seizures or paralysis; and fatalities if bleeding can't be stopped or occurs in vital organs.

- About 70 percent of Americans with hemophilia receive comprehensive, multidisciplinary care in hemophilia treatment centers (HTCs).
- Mortality and hospitalization rates for hemophilia-related bleeding complications were 40 percent lower among people who received care in HTCs than among those who did not receive this care. Source: Centers for Disease Control and Prevention

#### **RESOURCES FOR HEMOPHILIA PATIENTS**

- National Hemophilia Foundation: hemophilia.org
- Tennessee Hemophilia and Bleeding Disorders Foundation: thbdf.org





20,000 people in the **United States are living** with hemophilia.



#### CONTACT:

The UTHSC Hematology Clinic is located at 6401 Poplar Ave., Suite 195, in Memphis. It houses the West Tennessee Hemophilia and Thrombosis Treatment Center.

For more information, contact the clinic's medical director, Dr. Sandeep Rajan, at (901) 448-2338 or srajan2@ uthsc.edu or Dr. Tim Hottel at (901) 448-1770 or thottel@uthsc.edu.

### A new mission Written by Jane Pate, MA

MID-SOUTH MISSION OF MERCY

n Thursday, Feb. 26, at 7:30 p.m., Brian received his wristband and became the first person in line outside the east entrance doors of Bellevue Baptist Church. The line grew behind him until it stretched around the building as people, young and old, many wrapped in blankets to keep warm, gathered in hopes that they would be admitted to the Mid-South Mission of Mercy (MidMOM) and receive free dental care being offered.

This free dental clinic was sponsored by the Memphis Dental Society for underserved people living in Memphis and the surrounding Mid-South area. For two days, Feb. 27 and 28, MidMOM was the largest temporary dental clinic in the world and provided dental care to 2,131 Mid-Southerners, many of whom were from working families who do not have access to dental care or cannot afford dental insurance.

While other Mission of Mercy events have been held throughout the U.S. since the initial one was held in Virginia in 2000, this was the first for the Memphis area. All services were provided free of charge by members of the Tennessee, Mississippi and Arkansas Dental Associations who were assisted by a host of volunteers.

The idea of holding MidMOM began almost two years ago as Mitch Godat, DDS '97 was preparing to serve as president of the Memphis Dental Society. "I wanted to help serve a greater purpose," Dr. Godat said. Soon after, he, Scott Edwards, DDS '82, and Greg Kemp, DDS '91, along with several other members of the Memphis Dental Society, began working with Chuck Woods, DDS '81, an Arkansas dentist. Dr. Woods had

Color-coded shirts for all volunteers

Public Service



The University of Tennessee Health Science Center

Hygienists packaging instruments



been involved with the Arkansas Mission of Mercy and is a board member of the America's Dentists Care Foundation, the organization that provides equipment, instruments and guidance for Mission of Mercy clinics.

Monthly planning meetings began in September of 2014. Recruiting the huge number of volunteers needed to staff and manage such an event began in October 2015. Altogether, more than 1,900 dentists, dental hygienists, physicians, nurses, interpreters, pharmacists and general volunteers took part. This number included a multitude of College of Dentistry dental and dental hygiene students and faculty members.

Finding an easily accessible site that could accommodate the parking, staging, waiting, triage, treatment, food preparation (meals were served to patients and volunteers) and laboratory needs was a second major challenge. Bellevue Baptist Church, located just off I-40, rose to the occassion and provided

Teeth produced in the on-site lab



PENTAL

its campus, along with generous support. On the two days of MidMOM, the doors opened at 6 a.m. to admit hopeful patients who had formed the long lines that had grown overnight. Upon entering, patients first registered. Next, they passed through medical and dental triage stations that included X-rays and other imaging. Afterwards, they were seen for dental treatment. Long rows of dental chairs filled two gymnasiums where teeth were cleaned, extracted, repaired and filled. Impressions were taken, then partials were created in a temporary lab housed in the Bellevue kitchen. Prescriptions were written and filled at the on-site pharmacy. To keep children occupied during the wait times,

To keep children occupied during the wait times, a special activity area was set up and hosted by the Tooth Fairy. Throughout the two days, the Bellevue orchestra and other area musical groups played on site.

Stop one after registration - Dental Triage



The Tooth Fairy helping out



# 

of dental services provided over the two-day period



Managing the volunteers, the patients, the equipment, the instruments and the treatments was a logistical wonder. Upon arrival, volunteers received T-shirts that were color coded to show the type of service they were providing. Patients were escorted to and from different service areas. Colored cards held up by care providers signaled when the next patient could be seen.

The view from the track located above the gym showed how many people needed help, how many people were helping and the organizational intricacies involved in coordinating the caregiving.

To provide these services, MidMOM received donations from 15 major groups. Fundraising to pay for the rental of the portable dental clinic equipment and instruments was key to the success of the project. For Dr. Godat, this was nerve racking as two weeks before the event, the funding goal had not been met. When faced with whether to call off or hold the event, he "decided to go on faith that the money would come." And the final bit of funding did come in the following week. While the event was a huge success by all measures, it showed the great, ongoing need for dental care of the under served in our region.

Plans are now in the works for next year's MidMOM, and it is scheduled for Feb. 10-11, 2017. Updates are being posted on the event's Facebook page, https://www.facebook.com/ MidSouthMOM. The website is http:// www.midsouthmissionofmercy.org/. Chuck Woods from the Arkansas MOM



Partials in production



A student dentist finishes with a patient



Dentistry - Fall 2016

### **Research Day 2016**



Dr. John O. Burgess, professor and director of the Division of Biomaterials and assistant dean for Clinical Research at the University of Alabama at Birmingham was the featured speaker at the 2016 Student Research Day and Table Clinic Competition was held on Feb. 16. His presentation, "Current Trends in Ceramics

and Composites," highlighted newly developed dental materials and the laboratory and clinical evidence-based analysis of the best methods to utilize these materials in dental practice.

Altogether 22 students and four residents presented results of their studies in 25 posters and table clinics. Brooklin Byrd, D2, was selected as winner of the Student Clinician Award for the most outstanding clinical presentation. Her project was titled "Light Flux and Color Differences between Ceramic Dental Materials." She was assisted by Brian Morrow and Dr. Constance West, Dr. García-Godoy and Dean Timothy L. Hottel. The award was sponsored by the Dentsply Corporation and was presented by Dr. García-Godov and Leslie du Ploov, representing Dentsply. In October, Byrd will represent UT at the student poster competition of the American Dental Association Annual Session being held in Denver, Colorado.

Thomas A. Jones received the Harold Cloogman Award. Brooklin Byrd, Simon Chanin, Angela Frantz and Shelly Gareiss were named winners of American Association for Dental Research (AADR) Memphis Section Awards for Student Research while Nicole Hennis, Daniel Stegall, Loi Q. Ta, and Lydia Watson were winners of James C. Ragain Jr. Awards for Excellence in Student Research. Student dentists Brooklin Byrd, Simon Chanin, Angela Frantz, Daniel Stegall, and Loi Q. Ta will present their projects at the March 2016 AADR national meeting.

esearch

Dr. Vahe Nakashyan received the Stacy A. Garner Graduate Program Research Award, sponsored by the Tennessee Dental Association Foundation, for his presentation, "Vitamin D

Attenuation of Inflammatory Cytokine Production by Gingival Fibroblasts." He was assisted in his research by Drs. David Tipton and Sidney Stein.

The Summer Student Research Training Program and Dr. Nakashyan's Master's thesis research were supported by grants from the UTHSC College of Dentistry Alumni Endowment Fund and the Tennessee Dental Association Foundation.

Faculty member and alumnus Dr. John C. Ragain, Jr., was presented a plaque for his outstanding support of student research.

#### **TDA Foundation supports** Summer Student Research

The Tennessee Dental Association Foundation (TDAF) has a wonderful history of supporting the College of Dentistry, particularly student research. At the TDA's Music City Dental Conference held in May, new TDAF President Robert Hopper, DDS, along with TDAF President Emeritus Steve Sawrie and board member Dr. Bill Powell, presented a check for \$10,000 to Dr. Franklin Garcia-Godoy, senior executive associate dean for research, for the college's summer student research program.

"During my time as TDAF president, student research at the College of Dentistry has been a major priority," explains Dr. Sawrie. "Dr. Hopper has made it clear that he wants to continue to support this research as it is vital to the dental profession, and we want to help educate and equip the next generation of researchers."

The TDAF funding provides stipends for dental students involved in summer research projects. Students who participate in the program presented their findings at the UT student research day. In addition, selected students will make oral presentations and submit posters during the Hinman Student Research Symposium in October. These students are also asked to submit an abstract and poster to the AADR.

"We are extremely grateful to the TDA Foundation for their generosity to our dental student research program," explains Dr. Garcia-Godoy. "Their continued generosity is very important to the college as more and more dental students become involved in research."



Shown from left to right are Dr. James C. Ragain, Jr., Dr. Franklin García-Godoy, Daniel Stegall, Thomas Jones and Simon Chanin, Angela Frantz, Nicole Hennis, Dr. Vahe Nakashyan, Loi Q. Ta, Shelly Gareiss, Lydia Watson, Brooklin Byrd, Leslie Du Plooy, and Dr. Mustafa Dabbous.



Dr. Robert Hopper (far left), Dr. Steve Sawrie (second from left), and Dr. Bill Powell (far right), present a \$10,000 check for student research to Dr. Franklin Garcia-Godoy (second from right).

## **AMAZING OUTCOMES ず CARING COUPLED WITH CURIOSITY 述 INQUIRY**

Dentist, associate professor, mother, mentor and advocate all describe Mojeh Dehghan, DDS. Each of these roles informed her path to becoming a researcher that began when she was 26 years old. During her second year of dental practice, a psychologist whose office was located a few doors down from her group dental practice referred a patient to her for dental treatment. This patient was a young, intelligent, articulate woman. She was a teacher who was very active in the community who had secretly suffered from an eating disorder that almost took her life. The patient had recovered from bulimia, but during the six years she had suffered from the disorder, her teeth had eroded from repeated exposure to

This patient struck a chord deep within Dr. Dehghan. "It was hard for me to imagine someone in their early 20s having such severe dental erosion of her teeth; someone who could have easily been my best friend."

stomach acid and required her to have a

full mouth rehabilitation.



#### Dehghan in her first year of practice

Treating this first case led to more referrals, and soon Dr. Dehghan was treating more and more patients with bulimia. In caring for this patient population, she noticed that some patients who had engaged in purging for only a short time had their teeth enamel completely washed off by gastric acid while others who had suffered far longer presented with less destruction. She also learned that this same type of dental erosion is seen in patients suffering from acid reflux, pregnant women with morning

# **GOTTEN STARTED."**

sickness, and cancer patients receiving chemotherapy, According to Dr. Dehghan "Dental erosion is a multifactorial condition with biological, chemical, psychological and behavioral factors that effect the rate of dental erosion in an individual." That is why early detection of the pattern of erosion by dentists and dental hygienist can be instrumental in minimizing the extent of erosion in these patients. Unfortunately, because of the negative stigma and secrecy surrounding bulimia, many patients are reluctant to disclose their condition with their dental care providers. Also, many dentists are uncomfortable in asking their patients questions regarding their condition. As a result, a large number of these patient are underdiagnosed and undertreated. She was also frustrated that there was no concrete and coherent treatment protocol for treating this patient population. This motivated her to find a way to better care for her patients. She wondered: What are the common agents? What makes this happen faster

#### According to the National Eating Disorders Association More than 30,000,000 Americans suffer with eating disorders.

Dr. Dehghan hopes that her study, and other similar studies, will serve to bring awareness to the damaging effects of tooth erosion and improve the quality of life for this under diagnosed and undertreated population. Dentists and dental hygienists can play an important role in early detection of acid erosion and referring these patients to the appropriate health care providers. At right: The mouth of 27-year-old patient who was receiving treatment for bulimia.

Story and illustration by Jane Pate, MA

**"WITHOUT THAT INITIAL RESEARCH GRANT FROM THE COLLEGE OF DENTISTRY ALUMNI ASSOCIATION,** THIS PROJECT WOULD HAVE NEVER **DR. MOJDEH DEHGHAN** 

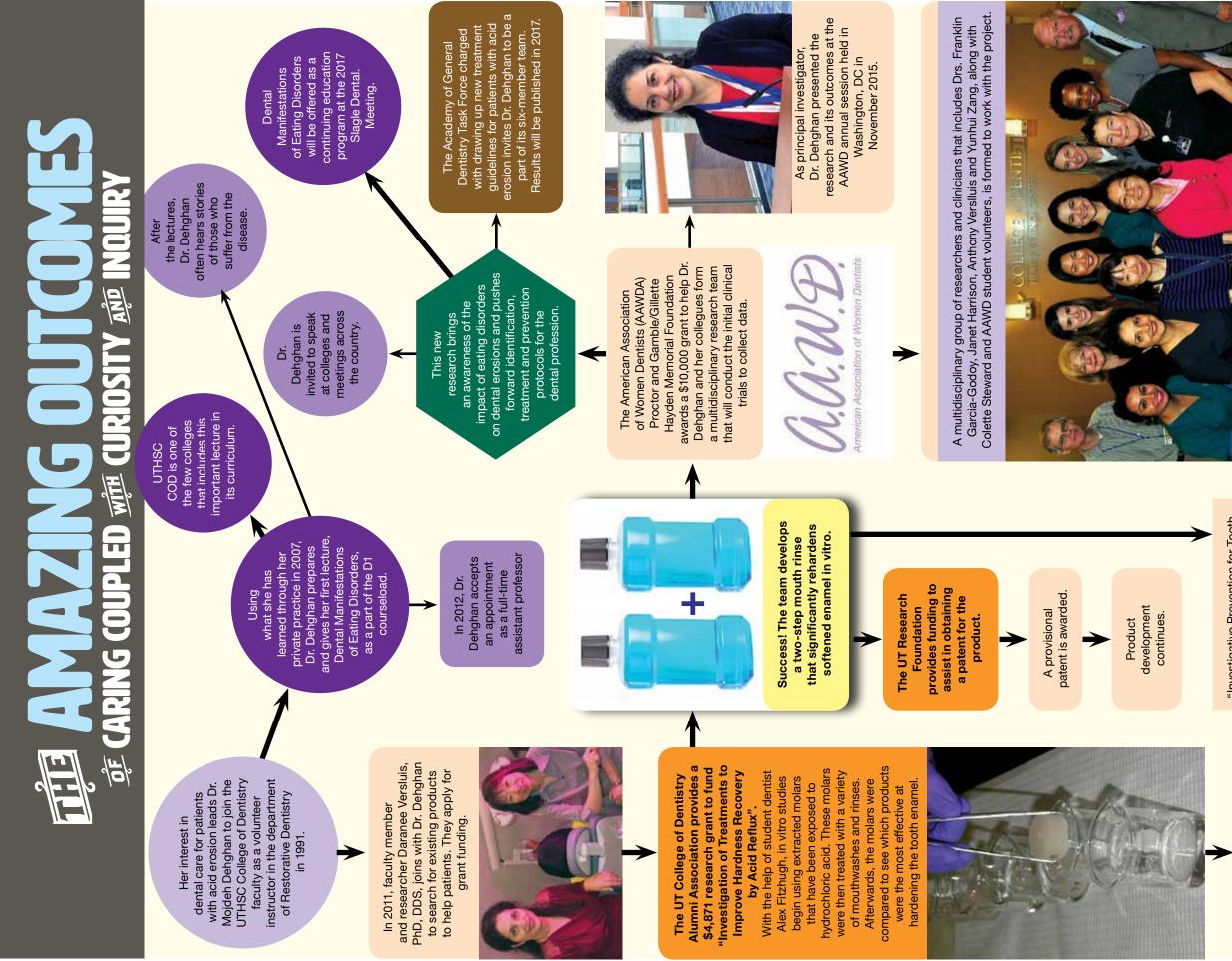
in some and not others? Are there products my patients could use to prevent this?

These questions became the bases of her research. In the quest to find answers to her research questions, Dr. Dehghan, with the quidance and assistance of the College of Dentistry administration, assembled a multidisciplinary, multiinstitutional group of experts including practicing dentists, biomaterial scientists, a salivary research biologist, a clinical psychologist, a biostatistician, and an epidemiologist. This group of researchers and clinicians includes Drs. Franklin Garcia-Godoy; Nancy Johnson, clinical director of the Transformation Center; Janet Harrison; Anthony Versluis; Yunhui Zhang; Elizabeth Tolley along with Colette Steward; and the tireless efforts of the AAWD volunteer students. "Through the help of Dr. Daranee Versluis, who has the scientific knowledge and research expertise, the generous grant from the Alumni Association, and the support of Dean Hottel and Dr. Garcia-Godoy this project came to life," she said.

The goal of the research team is to continue the phase 2 of the clinical study in the Fall of 2016 and to conduct in-vitro studies on effectiveness of anti-erosive tooth pastes currently available.

On the next two pages, follow Dr. Dehghan's journey and see just how the initial investments in her research have produced many unexpected outcomes.





"Investigating enamel loss when brushing with an anti-erosive toothpaste after an acidic episode will be published in the Journal of General Dentistry, 2016. The research results

ygiene protocol fo bulimic patients outcomes om the in vitro tudies, an oral lapse is Using  $\rightarrow$ who rel de∖

"Investigative Prevention for Tooth Erosion" published in the Journal of Cosmetic Dentistry in 2015

A second UT College of Dentistry Alumni Association research grant is awarded to fund "Investigation of Different Mouth Washes to Improve Oral Ph".

Clinical pilot study takes place.

Education Clinical Care Public Service Research UT Investments

 $\rightarrow$ 

Clinical psychologists, psychiatrists and nutritionists work with the dental research team and exchange information to develop a holistic treatment protocol.

A collab

ation is estab

The study results, "Neutralizing Saliva Ph" by Mouthwashes After an Acidic Challenge," are published in the Journal of Investigative and Clinical Dentistry, May 2015

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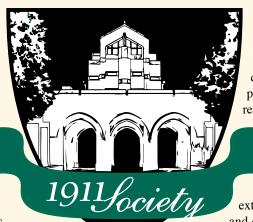
Dentistry - FALL 2016

### Thank You for Your Membership in the 1911 Society

he UT Health Science Center Office of Development and Alumni Affairs is pleased to record a successful year for the 1911 Society. The society recognizes annual supporters of the College of Dentistry, who are critical to our mission of educating some of the best minds, conducting innovative research, and improving health. The listing is available through the 1911 Society Members link at uthscalumni.com/1911.

"The gifts we receive go a long way toward helping our students, faculty, programs, and facilities. To each of you who has given, thank you," said Randy Farmer, vice chancellor for Development and Alumni Affairs.

"From recent graduates to alumni, friends, faculty, and staff, we are honored to extend 1911 Society membership to our annual donors," Farmer added. Named for the year of the Health Science Center's founding, the 1911 Society recognizes and



celebrates total giving by donors who make their gifts between July 1 and June 30 each year.

Membership levels are based on total contributions during the year to any college, program or fund at UTHSC. Gifts can be renewed annually to retain membership.

> "Private donors to our campus are the leaders of our past, present and future," Farmer said. "Members of the 1911 Society demonstrate an

extraordinary level of interest, involvement, and dedication through their generous financial support."

Your loyalty matters to us, to our students, and to you. For more information on how to make a gift and become a member of the 1911 Society, please contact the Office of Development and Alumni Affairs at (901) 448-5516 or visit online at *uthscalumni.com*/1911.

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**1911** Milestone Member \$100 - \$249 **1911 Visionary Member** 1911 Dean's Alliance Member 1911 Chancellor's Circle Member **1911 Patron Member** 1911 Hyman Associate Member

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1011 Cosisty Doposite	Milestone	Visionary	Dean's Alliance	Chancellor's Circle	Patron	Hyman Associate
1911 Society Benefits	\$100 - \$249	\$250 - \$499	\$500 - \$999	\$1,000 - \$2,499	\$2,500 -\$4,999	\$5,000 +
1911 Society Decal						
FY13 and FY14 members are identified as Charter Members	•	•	•	•	•	•
Recognition in annual Roll of Honor	•	•	•	•	•	•
Collegiate and campus publications		•	•		•	
Communication from UTHSC Students	•	•	•	•	•	•
Email, letter and/or postcard contacts		•	•		•	
<b>Communication from UTHSC Dean</b> New year correspondence, update after board meetings		•	•	•	•	•
Special Invitations to Campus Events			•	•	•	•
1911 Society Lapel Pin				•	•	•
Annual VIP Communication from the Chancellor				•	•	•



#### It feels like someone is looking out for you."

Reed King, scholarship recipient

You can make a difference through membership in the 1911 Society.

UTHSC honors its loyal donors who make gifts of at least \$100 every year. In the College of Dentistry, these gifts are used to support student recruitment, for the enrichment of our students, to provide faculty development that will enhance knowledge and skills, and to purchase equipment that keeps our labs and classrooms on the cutting edge. Did you know...

- Tuition covers only about 48 percent of the cost to educate a student.
- UTHSC COD annually awards more than \$22.7 million in scholarships and financial aid.
- 89 percent of students receive some form of financial assistance.

Join the 1911 Society today to support our growth and provide greater opportunities for our students.

**Give now**-uthscalumni.com/give Learn more-uthscalumni. com/1911





As the UTHSC College of Dentistry continues to expand across the state, so does the travel required for dentistry students on clinical rotations. To participate in the twoweek rotations at Healing Hands Health Center in Bristol, Tennessee, students must drive almost eight hours from Memphis to the eight-room dental clinic. To take part in the newly established Chattanooga clinic, they must drive nearly five hours. Thanks to a recent donation of two Nissan Rogue crossover vehicles from Delta Dental of Tennessee, students can now carpool together when traveling back and forth to these clinical sites.

The donation came about when UTHSC alumnus Rick Guthrie, DDS '87, and instructor at the Healing Hands Health Center, was approached by a dentistry student about possibly donating gas gift cards to the students who were participating in the two-week clinical rotations. Philip Wenk, DDS '77, CEO and president of Delta Dental of Tennessee, heard about the request and decided there must be more they could do to assist.

"After we helped establish the student externships with Healing Hands, we became aware that transportation could sometimes be an issue for the student doctors traveling to and from the clinic in upper East Tennessee," said Dr. Wenk. "We wanted to make sure there was always reliable transportation available to them to get to Bristol, as well as to get around the area once they are there. Nissan is a great client of ours, and we were delighted to provide the two new Rogues for the students. We wanted to ensure the sustainability of the externship program so that the patients at Healing Hands would have greater access to dental care and so that the dental students continue to have this tremendous learning opportunity."

The new cars, which can fit up to four dentistry students, are driven to Bristol by the students and stay there until the students are done with their rotations. One car stays at UTHSC until the first group returns, and the next group leaves. This allows students on rotations at the Bristol clinic to always have access to one of the cars. They became available for use mid-spring of this year.



or call (901) 448-5516

Dentistry

Alumni

### Down the road



### College of Dentistry celebrates **15th Annual Scholarship Banquet**

The College of Dentistry held its 15th Annual Scholarship Banquet at the Memphis Hilton on March 5, 2016. The banquet is sponsored each year by Delta Dental of Tennessee.

Thanks to our generous alumni and friends, the college presented 105 awards totaling more than \$240,000. UTHSC COD now has 41 scholarship endowments that provide annual awards, and several more that are in the funding process. In addition, a number of organizations make annual awards to dental students.

"The Scholarship Banquet provides us with a wonderful setting in which to recognize and reward our outstanding students, while honoring the donors who have made these scholarships possible," explains Dean Tim Hottel. "As the cost of dental education continues to rise, scholarships are more important now than ever before. And we are so fortunate to have Delta Dental of Tennessee sponsor this event. Obviously, we could not do it without them."

Endowed scholarships help deserving students and create lasting legacies. They can be funded through a gift or pledge of \$25,000 or more and may be named in 36 honor or memory of an individual, family or organization. The principal of the endowment is invested and never touched. Only the earned income is expended, ensuring annual awards in perpetuity.

> To establish an endowment for scholarships or other purposes, please contact Will Whiting, director of Development, at (800) 733-0482 or wwhiting@uthsc.edu.

Thanks to all our dedicated supporters!



American Family Dentistry Scholarship\* Dr. Kurt Holmes; Emily Kymer-Davis, D4; and Dean Tim Hottel



Dr. Clifton Chunn and Mrs. Cheryl Chunn Scholarship\* Dr. Cliff Chunn; Cheryl Chunn; Michelle Fernandez, D4; Dean Tim Hottel



**Delta Dental of Tennessee Scholarships** Dean Tim Hottel; Charly Edwards, D2; Jill Gibson, D2; Cameron Baker, D3; Sarah Mixon, D3; Amy Balestrino, D4; Eric Linkous, D4; Dr. Jim Sexton; Dr. Phil Wenk



Dentistry SGA Scholarship Dean Tim Hottel; Austin Collazo, D3; Pug Pate, SGA President



**Guthrie Family Scholarship** Dean Tim Hottel; Grant King, D4; Cindy Guthrie; Dr. Rick Guthrie



Helen Flanagan Fry Scholarship Dean Tim Hottel; Georgiana Fry Vines; Mariko Crocker, D3; Dr. Doug Fry



Dr. Earl O. Henry Scholarship Dean Tim Hottel; Shelly Gareiss, D2; Dr. Nadim Jubran



Delta Dental of Arkansas Scholarships Dean Tim Hottel;Brent Danley, D2; Thomas Jones, D3; Ashley Hutchison, D4; Sheri Collazo; Dr. Mel Collazo



**Dental Scholarship Endowment Awards** Dean Tim Hottel; Ryan Roberts, D3; Travis Russell, D3; Corey Haughey, D4; Dr. John Sullivan



Dr. Joseph W. Graham, Sr. Scholarships Dean Tim Hottel; Billie Jean Graham; Austin Collazo, D3; Angela Frantz, D3; Sam Graham



Josephine Circle Scholarship\* Dean Tim Hottel; Anna Giles, D3; Allison Miles, D2; Pat McCaleb; Dr. Becky Barton

Legacy Scholar

Forrest R. Driver



UT Alumni Association Legacy Scholarship Dean Tim Hottel; Forrest Driver, D1; and Alan Ledger, UTAA President

"This scholarship is a surprise and a blessing. Any money I receive goes a long way towards reducing the amount of debt I may have when I graduate," said Forrest Driver, a first-year student at UTHSC COD and recipient of this year's Legacy Scholarship. Driver's father, Jerry, attended UTHSC and graduated from the College of Dentistry in 1982.

As a biochemistry major at the University of Tennessee, Knoxville, Driver knew he wanted a career in the health sciences and considered studying medicine. "I shadowed several doctors and did not like it as much as I thought I would. My dad arranged several shadow opportunities with dental colleagues, and that I really enjoyed."

What excites Driver most about the field of dentistry? "It is definitely the technology. Going forward it is going to play a big role in our practice of dentistry. But I also like the business aspect of running a practice."

Driver grew up in Gainesboro, Tennessee, a small town of approximately 1,000 in the Upper Cumberland area of Tennessee. When speaking of his future career, he said, "Not sure where I'll settle. I'd like to be close to home, but maybe somewhere with a little more population."

The Legacy Scholarship is an initiative of the UT Alumni Association and provides scholarship awards to students who are children or grandchildren of UT alumni. To learn more about this and other scholarships offered by the UTAA, visit utaaconnect.com/scholarships.

#### **15th Annual Scholarship Banquet**



Dr. W. C. Lady Scholarships Dean Tim Hottel; Reed King, D3; Dr. W. C. Lady; and Grant King, D4



Dr. and Mrs. David Libby Scholarship Dean Tim Hottel; Laura Clark, D3; Donna Libby; Sheri Collazo; and Dr. Mel Collazo



Shannon Slagle Scholarships Dean Tim Hottel; Jennifer Brown, D2; Phillip Platt, D2; Brooklin Byrd, D2; and Dr. Bill Slagle



**Dr. and Mrs. Buford Suffridge Scholarship** Dean Tim Hottel; Luke Adlong, D4; Lynda Suffridge; and Dr. Buford Suffridge



**Beverly and Tom Nash Scholarship** Dean Tim Hottel; Gary Jones, D3; and Dr. Tom Nash



**Dr. Maurice E. Petrovsky Scholarship** Dean Tim Hottel; Suzanne Baum, William Wilson, D4; and Teri Graber



Second District Dental Society Scholarships Dean Tim Hottel; Chad Adams, D4; and Dr. Nadim Jubran Not pictured: Adam Wohl, D4



Cecily W. Tipton Scholarships Dean Tim Hottel; Jerold Campbell, D2; Benjamin Davis, D2; Binal Patel, D2; James Owen, D2; and Dr. David Tipton

Additional Scholarship Awards Recipients Not Pictured

**Dr. James T. Andrews Scholarships** LaRhonda Apata, D4 James Newman, D4 Chris Thomas, D4 William Wilson, D4

Dr. and Mrs. Lowell Dale Blevins G Scholarship Award G

**Doris Costello Bowyer Leadership Award** Brian Platt, D4

Haley Sharp, D2

Dr. and Mrs. N. David Britton III Scholarship Matthew Woods, D3

Dr. Jack Camp Scholarships Abtin Iranmanesh, D1 Bryan Benbow, D2 Matthew Reed, D3 Lyle Higgins, D4 Allen Williams, D4

#### **Dr. Harold Cloogman Scholarships** Charly Edwards, D2 Robert Hannah, D2 Sydney Katras, D2 Haley Sharp, D2 Michelle Wieczynski, D2

Adam Parker, D3

Benjamin Thomas, D3 Mahmoud Amine, D4 Kyle Berrong, D4 Chad Slaven, D4

**Dr. William Lee and Bonita R. Crabtree Scholarship\*** Shane Smith, D2

vins Gov. Winfield C. Dunn Scholarships Gavin Fox, D3 Colton Popp, D4

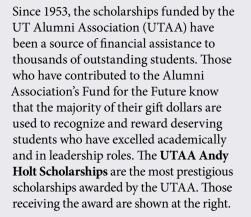
> **Dr. and Mrs. Mac Edington Scholarship** Zachary Fields, D4

**Dr. William J. Eells Scholarships** Amelia Lindsey, D2 Mohammed Bleibel, D4

**Elizabeth Club Scholarship** Michelle Wiecynski, D2

Dr. R. O. and Fannie B. Ford Scholarship Sydney Collette, D1 Ashton Monks, D1

Dr. Kenneth Frame and Sara Jo Frame-Mazur Scholarships Matthew Camp, D4 Michael French, D4 Kate Kirkpatrick, D4





**UT Alumni Association Andy Holt Scholarships** Dean Tim Hottel; Ashton Monks, D1; David Young, D4; Richard Law, D2; David Fesmire, D3; and Alan Ledger, UTAA President



Dentistry

Alumni



Xi Psi Phi Scholarship Dean Tim Hottel; Morgan Gonder, D4; and Dr. Stan Covington

**Dean James T. Ginn Scholarship** Cameron Baker, D3

**Dr. and Mrs. F. Payne Hardison and Dr. Mark Hardison Scholarship** Lydia Watson, D3

Thomas P. Hinman Dental Meeting Scholarships Thomas Jones, D3 Taylor Wilson, D3

Dr. and Mrs. Norris Howell Scholarship Hayley Parks, D2

Dr. Gerald R. Karr Family Scholarships Michelle Wiecynski, D2 Kendall Allen, D4

**O. D. and Ruth McKee Scholarship** Jill Gibson, D2

Drs. Joe and Chris Miller Scholarship Michael Estivo, D2

**Dr. and Mrs. Joe Mosier Scholarship** James Raines, D3

Dr. and Mrs. Thomas Onstott Scholarship Christopher Adkins, D3 **Dr. Malcolm Overbey Student Leadership Awards** Mary Kirkpatrick, D2 Savannah Hughes, D3

**Redwine-Mitchell Scholarship** Naderah Naseri, D2 Hayley Parks, D2

Sinquefield Family Scholarship\* Molly Bell, D3

**Dr. Roy M. Smith Scholarship** Kara Holifield, D4

Dr. and Mrs. Thomas N. Weems Scholarships Samuel Cason, D2 Adam Majoy, D2 James Magee, D2 Simon Chanin, D3 David Glover, D3 Spencer White, D3 Jahon Zehtaban, D3 Evan Hamilton, D4

**Dr. Robert N. Wilson Scholarships** Jessica Gursakal, D4 Chelsea Seelinger, D4 Payton Seelinger, D4

\*Newly established scholarships



### **Drs. Wenk and Towner named Outstanding Alumni**

The UT College of Dentistry Alumni Association presented its Outstanding Alumnus Awards, the association's highest honor, to the chief operating officer of Tennessee's largest dental insurance company and to a longtime Memphis periodontist who helped found the association.

Philip Wenk, DDS '77, president and CEO of Delta Dental of Tennessee, and Justin D. Towner III, DDS '45, received the prestigious awards at the Awards and Reunion Luncheon during the William F. Slagle Dental Meeting held on Friday, March 4. The presentation was made in front of the nearly 200 alumni, peers and friends in attendance.

#### **Dr. Philip Wenk**

Even as a student, Dr. Wenk showed an interest in leadership by serving as vice president and president of the UT Student Association and as a member of the Student Government Association Executive Council.

After his graduation from the College of Dentistry, Dr. Wenk transitioned from a well-honored student leader to small-town dentist practicing in Clinton, Tennessee. His community involvement there included civic organizations, local government and athletics. These roles provided the perfect training grounds for his current position, where he places strong emphasis on corporate citizenship.

Dr. Wenk served in private practice until 1997, when he accepted the role of chief operating officer at Delta Dental of Tennessee, eventually moving into the chief executive officer role in 2000. His many accomplishments with the company include enhancing the partnership between Delta Dental and his alma mater through engagement and charitable support.

Under his leadership at Delta Dental, the company has increased revenues nearly fourfold. As a result of its success, Dr. Wenk has ensured that the company maintains a focus on giving back to the communities it serves. Delta Dental has become the single largest donor to the College of Dentistry, with more than \$14.2 million given for capital and scholarships since 1998 by Delta Dental and its new philanthropic arm, the Smile180 Foundation, created in 2014.

The Smile180 Foundation, named for the transformative power of a healthy smile to change lives, is dedicated to providing resources for free and reduced cost clinics, children's hospitals, and the state's dental colleges. The program builds upon a 2014 initiative that provided more than \$5 million to these and other community organizations. Over the past five years, the company has provided more than \$12.7 million in statewide grants and community support.

In addition to directing support from Delta Dental, Dr. Wenk co-chaired the Campaign for Tennessee with former Governor Winfield Dunn, which concluded in 2011. The campaign exceeded its \$15 million goal, generating \$19.7 million for the College of Dentistry.

Dr. Wenk's professional memberships include the International College of Dentists, the American College of Dentists, the Academy of General Dentistry, and the American and Tennessee dental associations. He is the board chair for the Franklin American Music City Bowl and the Brentwood Country Club. In addition, he currently serves on boards for Monroe Carell Jr. Children's Hospital at Vanderbilt, Tennessee Performing Arts Center, and Civic Bank. He is also on a committee for the American Red Cross, Middle Tennessee Division.

"There are so many really good people they could have chosen, it's very humbling," Dr. Wenk said of receiving the award. "To me, it's nice to get the award, but I also know that the success that Delta Dental has had, and the people of Tennessee and the dentists that support us, have probably really made that award possible for me."

Dr. Wenk lives in Brentwood, Tennessee, with his wife, Brenda. They have two children and three grandchildren.

#### **Dr. Justin Towner**

Dr. Towner was one of four dentists who initiated the formation of the UT Dental Alumni Association in the early 1960s and served as its president from 1965 to 1966. He was also instrumental in establishing an annual alumni meeting, which would evolve into the Mid-South Dental Congress, now known as the William F. Slagle Dental Meeting.

A lifelong Memphian, Dr. Towner attended Memphis City Schools, Washington and Lee University, and then graduated from the University of Tennessee College of Dentistry in 1954. Shortly thereafter, he served in the U.S. Air Force for two years. After returning to Memphis, he practiced periodontics for 44 years and taught in the Department of Periodontics at the UTHSC College of Dentistry for 15 years.

As author and co-author, he published several articles on clinical periodontics and occlusion, and contributed continuing education courses and programs. His professional memberships include Memphis Dental Society, where he served as president and received its Humanitarian Award. He also served in the Tennessee Dental Association, American Dental Association, Southern Academy of Periodontology, and American Academy of Periodontology.

A member of Second Presbyterian Church, Dr. Towner has served as elder and clerk of the session. He has enjoyed teaching Sunday School and has served on numerous committees, most notably the World Missions committee, and made several trips to Haiti and Belize as a dental missionary.

For Dr. Towner, the most rewarding aspect of his career is the opportunity to teach students and young dentists the importance of including the treatment of periodontal disease into their practices. He says the most rewarding aspects of his life are his wife of 61 years, Ginny, his three children and their spouses, and his seven grandchildren. When speaking of the award, Dr. Towner said, "I feel so honored and humbled to receive it. I know others who have received it, and I feel like I should carry their bags, rather than walk beside them. I owe where I am today to the College of Dentistry, and I

hope I have given back to it.

"I learned the most from my students," he continued. "Buck Penell, the Periodontic Department chair, both were good examples and teachers for me."

"Both Dr. Towner and Dr. Wenk are true ambassadors for UTHSC and the College of Dentistry," said Tim Lanier, assistant vice chancellor for Alumni Affairs. "Their impact on the college and the dental profession as a whole is hard to measure. We are fortunate to be able to call them our own."

Top - Family and friends gather with Dr. Towner before the presentation. At right - Dr. Towner receives his award from UT College of Dentistry Alumni Association President Gene Jines.

The mission of the William F. Slagle Dental Meeting is to advance the delivery of quality dental care by providing dental teams with a premier educational opportunity. In accordance with this mission, the Slagle Dental Meeting is committed to offering extensive continuing education courses, commercial exhibits, and additional educational programs that advance the growth and development of the dental profession.

The Slagle Dental Meeting is sponsored by the UT College of Dentistry Alumni Association. All profits from the Slagle Dental Meeting are used to support dental education programs at the University of Tennessee.

Look for more information in the coming weeks about the 2017 Slagle Dental Meeting being held March 3 – 5, 2017. Please see page 45 for photos and a summary of the 2016 meetina.





UT College of Dentistry Alumni Association President Gene Jines. Above - Dr. Wenk is shown with his family and friends before the presentation.







### On the move

Two members of the UTHSC Alumni and Development transition to new positions

Tim Lanier, assistant vice chancellor for Alumni Affairs



After 19 successful years as director of Development for the College of Dentistry, Tim Lanier has been appointed assistant vice chancellor for Alumni Affairs at UTHSC. In his new position, Lanier manages the Office of Alumni Affairs, which coordinates alumni engagement efforts for all six colleges at UTHSC. "I am excited to join a great team in the

Office of Alumni Affairs," says Lanier. "Our dental alumni have been so supportive of me over the years. In my new position, I am pleased to continue working with dentistry and also getting to know our alumni in the other colleges."

Lanier came to UTHSC from the University of Tennessee at Martin, where he served as assistant director of Development from 1994 to 1997.

He received a Bachelor of Arts in Communications from Lambuth University and a Master of Science in Communications from the University of Tennessee, Knoxville. He and his wife, Blair, have two daughters, Mallory and Grace.

Will Whiting, senior director of Development College of Dentistry and Regional Programs

On June 1, Will Whiting, a member of the UTHSC Alumni and Development team, was named senior director of Development

You are Invited

#### for the College of Dentistry. Prior to this appointment, Whiting served as director of Regional Development and worked with all six colleges at UTHSC. In his new role, Whiting will focus his time and efforts on expanding the fundraising program in the College of Dentistry, while also managing the regional fundraising team that works to support the other colleges and programs that are part of UTHSC's four campuses.



"I'm thrilled to move into this new position and continue working with our incredible alumni and friends in the College of Dentistry,' says Whiting. "Tim Lanier did an outstanding job in the college prior to his promotion. I have big shoes to fill, but I'm looking forward to continuing to advance the mission of the College of Dentistry and the Health Science

Center overall. This is an exciting time in the life of our institution, and it is an honor and privilege to get to work with all of our generous benefactors."

Before joining UTHSC, Whiting worked for the University of Arkansas in the Division of University Advancement. At Arkansas, Whiting held positions in both Corporate and Foundation Relations and the Office of University Initiatives where he raised funds to support major campus priorities. Whiting has also held other positions in fundraising and governmental affairs with the Little Rock Regional Chamber of Commerce, Arkansas Children's Hospital, and the President William J. Clinton Foundation.

Whiting holds undergraduate degrees in Communication and Journalism and a master's degree in Organizational and Crisis Communication. He was appointed recently to serve on the Advisory Committee for the 2017 AAMC Group on Institutional Advancement's national conference.

#### We are planning the following events just for you:

- Dinner at the Rendezvous
- College Open Houses
- Breakfast with Chancellor Schwab
- Golden Graduate Ceremony and Dinner

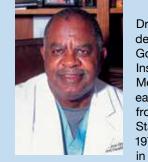
All class years prior to 1966 are invited to attend. Once a Golden Graduate, always a Golden Graduate.

> Call (901) 448-5516 or visit uthscalumni.com for more information.

THE UNIVERSITY OF TENNESSEE ALUMN HEALTH SCIENCE CENTER

# Joe Greer, DDS '73

Where indeed! The only thing I know for certain is that without UTHSC, I would not be the dentist that I am today. I may have gone to another school, but I never would have met my former dental school roommate, nor been befriended by the dean--two individuals who have had a profound impact on my life.



Dr. Greer practices dentistry at The Good Health Institute in Memphis. He earned a bachelor's from Austin Peay State University in 1970, his doctorate in dental surgerv

from UTHSC in 1973 and a master's in Health Promotions from the University of Memphis in 1990.

#### Hometown: Memphis

Family Members: Married to Estella Mayhue-Greer, president and CEO of Mid-South Food Bank. He has three children and six grandchildren.

#### Why did you select UTHSC **College of Dentistry?**

I attended undergraduate school at Austin Peay State University, and during that time, any pre-med or pre-dental student was encouraged to apply to UTHSC, first and foremost. I was no exception. I applied and was accepted at age 20, but decided to postpone my entrance for a year until I was 21.

#### What are your career highlights?

It is difficult to choose just one highlight. In a career that I love, there have been many: serving on the Legislative Affairs Committee of the Tennessee Dental Association; serving as the American Dental Association liaison for the ninth Congressional District; being appointed

by the governor to the Tennessee Board of Dentistry; being honored with the Outstanding Alumnus Award from Austin Peay State University; being a member of the American Dental Association's People to People Delegation to South Africa; founding The Good Health Institute, a comprehensive health care facility where dentistry is a major component; and meeting my beautiful wife while working in a colleague's dental office.

#### How have you been involved with UTHSC?

I was an instructor in the College of Dentistry for two and a half years and also worked as a recruiter for UTHSC for two years. I worked out of the former Office of Minority Affairs, and I have continued to be an advocate for UTHSC. I served on the Alumni Board of the College of Dentistry for six years and just recently rolled off. And, I have continuously supported the College of Dentistry throughout the years since graduation.

#### Why do you give back?

The College of Dentistry cannot offer the outstanding education it does without the support and generous giving of its alumni. It is extremely important to give back so that others may have the opportunity that was afforded to us. Being African-American, it is even more important for me to also give back by being visible and offering encouragement to those who would be inspired by me. This is why I continue to practice in a disadvantaged community and mentor in as many ways as opportunity permits.



### to the 2016 Golden Graduate Homecoming

**OCTOBER 19-21, 2016 MEMPHIS, TENNESSEE** 

**HONORING GRADUATES OF 1966** FROM ALL SIX UTHSC COLLEGES

Dentistry Alumni Where would you be without UTHSC?

#### What is your advice to other alumni about getting involved?

I think we all know that UTHSC and the College of Dentistry can put all the financial gifts we can give to good use. So, I encourage all alumni to give and give often. I am also passionate about giving of one's time, so in addition, I encourage all alumni to also offer their time to the College of Dentistry by serving as mentors, sponsors, or volunteer faculty.

#### What are your notable memories from your time spent at UTHSC?

One of two of my most notable memories from UTHSC is meeting my former dental school roommate. Dr. Charles Burton. Jr., the guy who had the most positive influence on my adult life. UTHSC put us together, we are still the best of friends, and he still treats me like his little brother. A second most notable memory was when I was going to be late in submitting a finished denture case. It was a Sunday evening and the school was closed. The case was due Monday morning, and I needed to pack and cure my denture overnight, but the only person I knew who had a key was Dean Wells. I contacted him, and he agreed to open the lab so I could finish the project. He stayed in the lab while I set, waxed, packed and invested the denture. It cured overnight, and I finished it the following morning.

Although Dean Wells had no direct input, my case became known, jokingly, to a few as the denture the dean cured!



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#### Dewayne B. McCamish DDS '70, MS '73 elected president of The American Association of Orthodontists

DeWayne B. McCamish, DDS, MS, an orthodontist with offices in Chattanooga, Signal Mountain, and Ooltewah, Tennessee, has been elected the 2016-17 president of the American Association

of Orthodontists (AAO), the world's oldest and largest dental specialty organization with more than 18,000 members. The election was held during the AAO's 116th Annual Session in Orlando, Florida.

"It is both a privilege and an honor to serve orthodontic patients and the orthodontists who provide their treatment the world over through the AAO," said Dr. McCamish. "Each year the AAO helps members deliver the best possible care to their patients by providing them and their staff with educational opportunities, ongoing research, advocacy work and professional services. As the AAO continues to serve an increasingly diverse range of members and patients, I am humbly honored to represent and to be part of an organization that has a lifelong positive impact on the health and well-being of children, teenagers and adults. Orthodontists throughout the world affect the lives of those we treat by giving smiles that change lives."

In 2009, the Southern Association of Orthodontists (SAO) elected Dr. McCamish to be its representative on the AAO Board of Trustees. The SAO is one of eight constituent organizations of the AAO and serves orthodontists practicing in Alabama, Florida, Georgia, Kentucky, the portion of Louisiana that lies east of the Mississippi River, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia.

Dr. McCamish earned his doctor of Dental Surgery degree from the UTHSC College of Dentistry in 1970 and a master's degree in orthodontics in 1973 from its Graduate School of Orthodontics. While a dental student, he was awarded the Faculty Medal, the Oral Medicine Award, the Oral Roentgenography Award, the Psi Omega Scholastic Achievement Award, membership of the Dean's Society and membership in Omicron Kappa Upsilon. Dr. McCamish served both as class president and president of his

In 2008, Dr. McCamish received the UT COD Alumni Association Outstanding Alumnus Award. He and his wife, Marilyn, are residents of Signal Mountain, Tennessee, and have three children and five grandchildren.

#### We want to hear from you! Tell us your own story at uthscalumni.com/yourstory

professional fraternity, Psi Omega.



The University of Tennessee Health Science Center **College of Dentistry** 

#### 2016-2017 Alumni Association **Board of Trustees**

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Vice President Rob Lewis, DDS '76

Secretary C.L. "Leeby" Greenblatt, DDS '67

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Arkansas Terry Fiddler, DDS '73 Drew Toole, DDS '78

Georgia William Couch, DDS '72

Mississippi Hugh "Monty" Monteith, DDS '72 Walker Swaney, DDS '75

**Tennessee (East)** Rick Guthrie, DDS '87 Nadim Jubran, DDS '87 Bill Powell, DDS '67

Tennessee (Middle) Matt Gorham III, DDS '87 Kathy Hall, DDS '91 Terryl Propper, DDS '82

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**Emeritus Members** Stacey A. Garner, DDS '47\* H. Vernon Reed, DDS '42\* Charles L. Rogers, DDS '51

**Honorary Members** Joseph E. Johnson, EdD Barbara S. McAdams, JD

\*deceased







Dentistry

Alumni



2016 Slagle Dental Meeting a success

Numerous continuing education credits were awarded to participants and several notable speakers were all a part of making the 2016 William F. Slagle Dental Meeting, held at the Hilton in Memphis, a huge success.

At the luncheon on March 5, the 2016 Outstanding Alumnus Awards were presented to Justin Towner, DDS '45. of Memphis and Phil Wenk, DDS '77, of Brentwood, Tennessee. The Welcome Reception, sponsored by Henry Schein, was held at the Big Cypress Lodge located within the new Bass Pro Shops in downtown Memphis. The reception, with double the traditional attendance, provided time for alumni, friends, and staff members to network, enjoy delicious food and beverages, and explore the new, fascinating Bass Pro facility.

The many exhibitors, exciting networking events and, of course, many generous sponsors all contributed to the success of the event. This annual conference, presented by the UTHSC College of Dentistry and the University of Tennessee Alumni Association would not be possible without Delta Dental of Tennessee, Delta Dental of Arkansas, Nashville Dental, Patterson Dental, Ocoee Oral Surgery, the Tennessee Dental Association, WaterPik, Kuraray, and Henry Schein, all of which provided financial support to the 2016 meeting.

#### 2017 meeting in the works

The meeting's program chairman, Dr. Jay Ragain, reports that planning for the 2017 event has already begun. Popular hands-on courses, as well as presentations on restorative dentistry, oral surgery, nutrition, oral pathology, removable prosthetics, sleep apnea, and practice management will be offered. Nationally renowned speakers, Drs. Harald and Gavin Heyman, the Madow Brothers, Dr. Joseph Massad, Dr. David Bonner, Dr. Kyle Ash, and several others have signed on for the event.

The 2017 meeting will also include a new element – specific programs for recent graduates. Scheduled in conjunction with the annual Alumni Weekend, and comprising continuing education offerings, alumni reunions, and networking events, the 2017 William F. Slagle Dental Meeting will be held March 3 – 5, 2017. Make arrangements now to join fellow alumni in Memphis for this important, enriching event!

## In Memoriam

1946

Patrick Edward Harrison, DDS Brinkley, Arkansas

#### 1949

David E. Pruitt, DDS Como, Mississippi

1950 Edward B. Warren, DDS Senatobia, Mississippi

### 1952

Jim Wyatt, DDS Memphis

#### 1953

James R. Reddick, DDS Hillsborough, North Carolina

#### 1954

Edward H. Hamilton, Jr., DDS Leesburg, Florida

#### 1955

Lawrence Tennyson Kennedy, Jr., DDS Knoxville

#### 1955

Edward M. Campbell, DDS Louisville, Kentucky

#### 1957

James K. Wolverton, DDS Jackson, Mississippi

#### 1960

Dillard C. Dycus, Jr., DDS Cookeville, Tennessee

Robert E. Marks, DDS Lake City, Florida

John L. Thompson, Jr., DDS Shelby, North Carolina

1961 Billy C. Criswell, DDS Van Buren, Arkansas

Milton G. Waldrop, DDS Columbus, Mississippi

George E. Gillian, DDS Little Rock, Arkansas

1962 Frank H. Morgan, DDS Ivy, Virginia

#### James R. "Jim" Wyatt, DDS '52 of Memphis

UTHSC College of Dentistry graduate and retired faculty member, James K. "Jim" Wyatt, DDS, passed away March 16. Dr. Wyatt graduated from Ripley High School in Ripley, Tennessee, attended The Citadel in Charleston, South Carolina, and graduated from University of Tennessee College of Dentistry in 1952. He practiced general dentistry for 20 years before returning to the College of Dentistry in 1972 to earn his certification in Oral Surgery. Dr. Wyatt served as chief of Maxillofacial Surgery at the Veteran's Administration Health Center in Memphis, retiring in 1995 to return to UTHSC as an associate professor of Oral Surgery. He was a member of the faculty until 2004. During the Korean Conflict, Dr. Wyatt served in the U.S. Air Force Dental Corp. He also served at Fort Rucker, Alabama in the U.S. Army Dental Corp during Operation Desert Storm and retired from the Army with the rank of colonel. Dr. Wyatt was a member of the American Dental Association, Tennessee Dental Association, Memphis Dental Society, the Society of Oral Surgeons, Memphis Society of

Oral Surgeons (past president),

Veteran's Association of Oral and

Maxillofacial Surgeons and Delta

Sigma Delta dental fraternity. He

University of Tennessee football

program and held season tickets

was an avid supporter of the

for more than 40 years.

1962

Richard J. Oglesby, Jr., DDS Bernardsville, New Jersey

#### 1966

Robert S. Kline, DDS San Antonio. Texas

Thomas Elmore Webb, DDS El Paso, Texas

Fallon A. Davis, DDS Little Rock. Arkansas

#### 1969

Gary D. Denny, DDS Sapulpa, Oklahoma

#### 1970

Don C. Maddox, DDS Knoxville

Dennis Martin Swain, DDS Hopkinsville, Kentucky

#### 1972

Roscoe Rhea, DDS Selmer. Tennessee

#### 1977

Michael L. Cowan, DDS Hixson, Tennessee

#### 1982

Robert F. Wright Jr., DDS Chapel Hill, North Carolina

#### 1983

Paul O. Austin, Jr., DDS. Pensacola, Florida

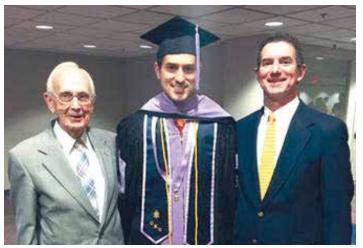
#### 1992

Robert E. Maddux, II, DDS Hernando, Mississippi

Please note: The College of Dentistry and the Office of Alumni Affairs have worked to provide *an inclusive and accurate listing. This listing is* current through August 17, 2016. Please inform the UTHSC Office of Alumni Affairs of any errors or omissions at (901) 448-5516, (800) 733-0482 or utalumni@uthsc.edu.

*If you would like to make a donation in* memory or honor of a classmate or friend, please contact Will Whiting, senior director of Development, using the contact information above or at wwhiting@uthsc.edu.

### Legacies in practice



From left - Dr. John Talley, Dr. David Young and Dr. Stan Young at the 2016 College of Dentistry graduation

David Young, DDS '16, is now the third generation from his family to attend the UTHSC College Dentistry and to work in the family-owned dental practice located in Dyersburg, Tennessee. He was proceeded by his grandfather John Talley, DDS '15, and father Stanley Young, DDS '84.

"We are excited to have David join the practice and continue the family tradition of dentistry," said Dr. Stanley Young. "We have a love for people and community. Over the years, we have served generations of families. I know that David will take good care of the patients, and will always do right by them."

### Reach new clients with an effective digital strategy.

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With a true passion for helping people, 26-year-old David has invested time helping his father to treat patients at Reelfoot Rural Ministry, as well as serving time on mission trips to Honduras, where he provided dental services for the underprivileged.

"I was drawn to dentistry after seeing my father's and grandfather's dedication to their patients, and the wonderful relationships that they established," said David. Established in 1955, the family-owned practice, started by David's grandfather, has thrived in the Dyer County community by providing compassionate care to its patients.

Dr. Talley was born and raised in Halls, Tennessee. During his younger years, Dr. Talley, now 92, enlisted to serve in the Navy during World War II. Afterwards he attended dental school at UT. "I liked working with my hands and the decision to open my own practice was a great choice. I loved it, and now I miss it," laughed Talley. "I grew up in Halls, so I decided to open my business in Dyer County. Back then, Dyersburg seemed like a pretty big city to someone raised in Halls."

In June of 1984, Stan Young, sharing his father-in-law's passion for people as well as dentistry, joined the family practice. Stan continues the legacy of service established by Dr. Talley and is active in the community. Currently, he is a member of the UT College of Dentistry Alumni Board and the UT Board of Governors. In 1992, Dr. Talley retired and turned the practice over to Stan. He expressed great joy in knowing that his life's work will now be carried on by both his son-in-law and grandson.

Story courtesy of the Dyersburg State Gazette, written by Rachel Townsend. Photo provided by Lynn Talley Young, BSN '81, MSN '88.

#### UTHSC alum Dr. Kyle Fagala drives business success through digital marketing.

"I came to Speak for my website design and search engine optimization before opening my practice, and they have been an integral part of our online success. I have continued to increase in rankings and over 70% of my site traffic comes from being found through organic search. Speak leading our SEO efforts has made a huge impact on our business and is the backbone of our marketing efforts. We are so thankful."



# Leave your legacy



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Have you thought about the legacy you will leave behind? Planned giving can fulfill your wishes, simplify your estate for your family, and reduce the tax burden applied to your assets, all while benefiting causes you hold dear. The special nature of these gifts deserves a special honor, and UTHSC offers membership in its Hershel P. "Pat" Wall Legacy Society.

Arguably the most recognizable figure in UTHSC's history, Hershel P. "Pat" Wall, MD '60, has dedicated more than 50 years to the University of Tennessee as a student, and then a pediatrician, faculty member and administrator. He currently advises UTHSC leaders as special assistant to the chancellor. His passion for the missions at UTHSC is unsurpassed, and it is the inspiration for our recognition society to honor our donors who make planned gifts. Planned gifts provide a piece of their donors' lives, just as Dr. Wall has done for many decades. His legacy will live forever, as will the impact made by our donors.

For more information about making a planned gift to UTHSC and Legacy Society membership, contact Bethany Goolsby at (901) 448-8212 or bgoolsby@uthsc.edu.

### **Choose UTHSC COD for 2016 CE!**

SEPTEMBER         Sept. 15-18Implant Continuum Externship, session 1 of 3         Oct. 15-16, session 2 of 3         Nov. 19-20, session 3 of 3         Sept. 9-16Pearls of the Adriatic Cruise         Sept. 23-24         Combination Therapy OAT & PAP         Advanced hands-on course covering therapy of oral appliances and various types of positive airway pressure therapies         Sept. 23-Oct. 1         Sept. 30-Oct. 1         Sleep-Related Breathing Disorders and Craniofacial Pain for Adults and Children	
OCTOBER Beginning October Mastership in Laser Dentistry Schedule A continuing Oct. 6-9 Schedule B continuing Oct. 13-16 Check website for list of complete dates for each track. Oct. 7	
NOVEMBER         Nov. 5-6.       American Academy for Facial Esthetics         Botulinum Toxin Level 1 Dermal         Filler Training, Level 1         Frontline TMJ, Headaches and Facial Pain Therapy for Every Practice         Nov. 11-12.         Pediatric Obstructive Sleep Apnea Symposium: 3rd Annual Meeting of the Minds, Bridging the Gap between Dentistry and Medicine         Nov. 18-19       Administering Nitrous Oxide-Oxygen for the Dental Hygienist         Nov. 19       Monitoring Nitrous Oxide-Oxygen for the Dental Assistant With video conferencing to Kingsport, Tennessee         Nov. 20-21       Motor Nerve Reflex Therapy: A Hands-On Program for Finding Structural Injury         Nov. 20-21       Administration of Local Anesthesia	
DECEMBER Dec. 2OSHA Dec. 3-4Coronal Polishing in Nashville Dec. 9-10Administration of Local Anesthesia for the Dental Hygienist Dec. 13Certification in Sealant Application for the Dental Assistant	

#### Register now for 2016 continuing education opportunities.

For registration and additional information, please call (901) 448-5386. All courses are offered in Memphis, unless noted otherwise. Courses, dates and locations are subject to change.

We are always adding to our CE schedule! Visit www.uthsc.edu/dentistry/CE frequently for new listings and important updates.

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CHANGE SERVICE REQUESTED

Former governor and College of Dentisty alumnus Winfield C. Dunn snaps a photo of his bronze bust that is now on display in the lobby of the Dunn Dental Building. The piece, created by Director of Anaplastology Maddie Singer, was unveiled in a ceremony held on Aug. 15. Read more about how art and science join together through anaplastology starting on page 20.



Register now for Golden Graduate Homecoming being held October 19-21! See page 42 for details.