Who will treat Alexandra?

Page 22

Cutting z-z-z-s, page 20 • On a mission, page 26 • Posters, page 32
The travel diary of a dental student’s trip to volunteer in El Salvador
Even though the outside temperature is on the rise, the Dunn is buzzing with activity. The postgraduate (PG) programs are starting up, and I see many new faces. Under the leadership of Dave Cagna, DDS, associate dean charged with the oversight, all our PG programs are flourishing. He has developed a core curriculum that all residents now take. This allows each resident the opportunity to interact and identify with others, resulting in a better outcome for the patients that we treat.

As education and training demands increase, and the cost of dental education escalates, we are hard at work keeping this fall’s class of 94 students intact – not an easy task for Stansill Covington, DDS, associate dean in charge of Admissions and Student Affairs. Each of you who visits the campus will see new lobbies, bathrooms and the long-awaited Oral Surgery Department’s new digs as the last of the Dunn Dental building renovations have started. Larry Weeda, DDS, professor and chair of Oral Surgery, has spent countless hours making sure that the renovations are appropriate. In the meantime while the renovations are ongoing, we continue to make sure no clinical program will be interrupted!

And while these renovations come to completion, the Slagle Oral-Facial Pain Clinic has received final approval, so the hammering for this project will start very soon. Additionally, we received a multi-million dollar pledge from Delta Dental of Tennessee Foundation. This generous gift has enabled us to move the 60,000 square foot expansion building project ahead. Because of this donation, Executive Vice Chancellor Kennard Brown is securing an architectural firm to develop the building plans, and we hope for a mid-2016 groundbreaking. This is super news, and this building will provide us with much-needed space to grow our programs. Also, two exciting events will be happening this fall – the openings of our Union City and Nashville . Founded in 1911, 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 of education, research, clinical care, and public service. Offering a broad range of postgraduate and selected baccalaureate training opportunities, the main UTHSC campus is located in Memphis and includes six colleges: Dentistry, Graduate Health Sciences, Health Professions, Medicine, Nursing and Pharmacy. UTHSC also educates and trains cohorts of medical, 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: facebook.com/uthsc, on Twitter: twitter.com/ uthsc and on Instagram: Instagram.com/ uthsc.

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 of education, research, clinical care, and public service. Offering a broad range of postgraduate and selected baccalaureate training opportunities, the main UTHSC campus is located in Memphis and includes six colleges: Dentistry, Graduate Health Sciences, Health Professions, Medicine, Nursing and Pharmacy. UTHSC also educates and trains cohorts of medical, 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: facebook.com/uthsc, on Twitter: twitter.com/ uthsc and on Instagram: Instagram.com/ uthsc.

As you discuss how you’ll spend your fall season, we invite you to join us from Oct. 14-16 for Golden Graduate Homecoming. It will be our pleasure to welcome you back to campus. Many thanks for all you do to support UTHSC.

Steve J. Schwab, MD

From the UTHSC Chancellor

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 downtown Memphis in the Winfield C. Dunn Building, named for the college’s distinguished alumnus and former Tennessee governor. The college maintains a four-year 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.
Fellow Alumni,

This year, the few days leading up to the first William F. Slagle Dental Meeting were harrowing because of the hazardous conditions brought about by winter storm Thor. Up to the last minute, alumni and board members were deciding whether to travel, and organizers were scrambling to make arrangements with the facilities. In spite of the complications, our resilient college and alumni affairs staff members provided opportunities for collegiality and continuing education at a great value. When all was said and done, the events were no less productive or enjoyable because of the treacherous and unpredictable Tennessee weather.

It was heartening to celebrate the 20th anniversary of the Mid-South Dental Congress by naming it in honor of a true dentistry legend, Dr. Bill Slagle. Spending time with colleagues, learning and being together in Memphis again — I know of no better way to show gratitude for former Dean Slagle’s remarkable career.

As I step into the role of Alumni Board President, I reflect on the reason I’m here serving with this great group. Collectively, you, my colleagues across the state of Tennessee and around the globe, are that reason. I think of our impact, and it makes me proud to be an alumnus. I think of the effects of future generations of dentists who will be educated right here, and I am even more proud.

If you don’t come back to Memphis and our college regularly, I encourage you to make plans to do so — and soon. It’s easy to postpone the trips “until next year,” but we all know how that goes. Life is short, and you’ll be glad you visited. Once you do, you will want to return again and again.

When you come, you will find that there have been tremendous changes in both the city and the campus. You will see that students are exposed to technology and training that we never could have imagined. You will learn how the practice of dentistry is changing to accommodate new health care challenges.

You will read about many of these changes in this issue of our magazine. In addition, this issue carries information about special events. You can also check out uthalumni.com for information on special events. And when you visit our website, take the time to update your contact information and drop a line. The alumni office wants to hear from you. As your president, I ask you to think about providing support to the college, whether it is through volunteering or giving. Either way is a truly rewarding experience.

Sincerely,

Paul T. McCord, DDS ’78
Welcome Drs. Gonzalez and Goodman

After extensive nationwide searches, UTHSC Chancellor Steve J. Schwab named Lori S. Gonzalez, PhD, vice chancellor of Academic, Faculty and Student Affairs and Steven R. Goodman, PhD, vice chancellor for Research. Both positions report directly to Chancellor Schwab.

Dr. Gonzalez joins UTHSC from the University of North Carolina General Administration, the North Carolina higher education authority, where she served as special advisor to the chief academic officer. She began her work at UTHSC on July 1.

"With more than 27 years of experience in higher education at the university-wide, division, department and college levels, Dr. Gonzalez brings a wealth of experience and insight to this position," said Dr. Schwab. "We look forward to the many contributions she is sure to make to our university community." The vice chancellor of Academic, Faculty and Student Affairs is responsible for setting policy and procedure for all academic programs as well as for the development and execution of strategic initiatives to promote these programs. Her office will be responsible for the vision, leadership, policy, and monitoring of academic, faculty and student affairs for UTHSC. Vigorous advocacy for the academic programs and the intellectual life of the university community is essential.

To accomplish this, Dr. Gonzalez will work closely with the deans and other vice chancellors to set academic priorities and to allocate funds to move those priorities forward. She will collaborate with the deans and lead academic planning, policy, curriculum and program development efforts; provide for meaningful faculty and academic staff development activities; and establish academic budgeting priorities. In this role, Dr. Gonzalez will also serve as the primary academic officer for the interface with the Faculty Senate and academic officers in all colleges.

Prior to joining the University of North Carolina in October 2014, Dr. Gonzalez served for three years as provost and executive vice chancellor at Appalachian State University in North Carolina. Before that she spent 20 years at the University of Kentucky, taking on roles that grew in both levels of responsibility and leadership including assistant professor, associate professor, associate dean for Academic Affairs, and then dean and professor for the College of Health Sciences. Her first 11 years in academia included varied teaching, research and clinical roles that laid the foundation for her successful forays into her expanded teaching and administration positions.

Dr. Goodman began his work at UTHSC on Aug. 1, coming to UTHSC from the SUNY (State University of New York) Upstate Medical University where he was the vice president for Research, dean of the College of Graduate Studies, and professor in the Department of Biochemistry and Molecular Biology, and the Department of Pediatrics.

"We are pleased to welcome Dr. Goodman to our campus. He will play a central role in managing, maximizing and expanding our institution’s research portfolio,” said Chancellor Schwab.

"Each year our faculty and staff receive, on average, nearly $100 million in research funding from federal institutions and private foundations. Through vision, collaboration and innovation, we anticipate Dr. Goodman will increase that funding to significantly higher levels."

The vice chancellor for Research is charged with building strong teams of scientists who will accelerate the growth of research in all UTHSC colleges and at all major locations. Dr. Goodman will direct the development and implementation of UTHSC’s comprehensive research strategy; in keeping with its mission to move into the ranks of the top biomedical research institutions. This includes responsibility for creating innovative research opportunities and a cutting-edge infrastructure to meet the needs of our researchers while positioning them to compete successfully for extramural funding.

Dr. Goodman will represent UTHSC to external funding organizations, government agencies and partner institutions; will advocate for research and related activities to lay audiences; and will administer all facets of our growing research program. He will be responsible for the research infrastructure, ensuring the operation and maintenance of the centrally-funded support units; for developing and implementing strategies to continuously improve the infrastructure and services provided by central administration, and for leading, managing and holding institutional responsibility for the research infrastructure and services. Plus, Dr. Goodman will advise the chancellor on matters of university research policy, vision, strategic planning and long-range budgeting. He will work closely and collaboratively with the university’s deans to integrate the research and educational missions of UTHSC.

He will also work closely with the University of Tennessee Research Foundation (UTRF) to facilitate the discovery, protection and commercialization of intellectual property.

Prior to his work at SUNY, Dr. Goodman spent seven years with the University of Texas at Dallas, serving as the C. L. and Amelia A. Lundell Professor of Life Sciences; professor and head of the Department of Molecular and Cell Biology; director of the Institute of Biomedical Sciences and Technology; and director of the Sickle Cell Disease Research Center.

As a prolific author, speaker, presenter and industry contributor, Dr. Goodman has received national and international honors. He has served as principal investigator or co-investigator on approximately $20 million in extramural grant funding.

UTHSC receives independent university accreditation

During its meeting on June 11, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Board of Trustees approved the accreditation of UTHSC as a separate, independent university. UTHSC is now independent from the “Big Orange” conglomerate, which had previously included UTHSC. SACSCOC is the regional body charged with accreditation of degree-granting higher education institutions in the southern states. “Big Orange” still consists of UTK (Knoxville), UTIA (Institute of Agriculture), UTES (Space Institute) and UTIPS (Institute for Public Service), and is itself accredited by SACSCOC. Several years ago, in examining the governance structure, resources available, annual budget, geographic location, and relative autonomy from UTK, SACSCOC leadership determined that UTHSC should be a separately accredited institution within the UT System.

"For several years, UTHSC has been working toward independent accreditation as a stand-alone university, and we are extremely pleased that the extensive SACS peer review process resulted in no adverse findings or recommendations," Chancellor Schwab said. "The completion of this process to independent university status in a rapid and efficient manner is both a remarkable and laudable achievement."

As an independent university, UTHSC will be required to complete its first reaccreditation compliance certification in five years. Thereafter, the university’s accreditation will be evaluated and reaffirmed every 10 years. "We remain an integral component of the UT System of universities overseen by President DiPietro and governed by the Board of Trustees of the University of Tennessee," the Chancellor said, noting, "I want to thank the leadership of the institution and all those who contributed both directly and indirectly to this strategic effort. The independent institutional accreditation of UTHSC reflects the ongoing high level of activity and myriad contributions of UTHSC faculty, students and staff.”

With some 3,000 students enrolled annually, 1,200 residents and fellows in training across Tennessee, more than $200 million in sponsored program revenue (all-source external grants, contracts and awards) and nearly 4,000 faculty and staff on four major campuses (Memphis, Knoxville, Chattanooga and Nashville), UTHSC has a statewide economic impact of more than $2.7 billion each year. UTHSC is also responsible for contributing more than 26,700 jobs across the state of Tennessee.

UT + Methodist Le Bonheur Healthcare System

In recognition of the successful and growing partnership between UTHSC and the Methodist Le Bonheur Healthcare System, the bright orange UT icon was added to new exterior signage at Methodist University Hospital. The hospital is now referred to as UT Methodist Hospital.

Methodist UT Hospital, the largest and most comprehensive hospital in the Methodist Le Bonheur Healthcare system, is a core teaching hospital for UTHSC. Faculty members from UTHSC make up a significant complement of the physicians and health care professionals providing care at the hospital while teaching the next generation of health care professionals in the clinical and hospital setting. The hospital is also home to UT Methodist Physicians, an academic physician practice group created in 2013 as an outgrowth of the partnership between the university and the hospital.

The partnership was announced, and the new signage unveiled, during the UT Trustees meeting held at UTHSC in February.

At separate ceremonies hosted by the deans of the six UTHSC colleges on May 15, 22 and 29, UTHSC graduated a total of 698 health care professionals. During each of the ceremonies, UTHSC Chancellor Steve J. Schwab, MD, conferred the degrees and gave the charge to the graduates.

This year’s graduating class includes 68 African-Americans, 12 Latino-Americans, and 145 graduates who came out of state to study at UTHSC. In addition, this graduating class comprises 410 women and 288 men. The breakdown by college is:
- Dentistry - 116
- Graduate Health Sciences - 38
- Health Professions (formerly Allied Health Sciences) - 142
- Medicine - 149
- Nursing - 78
- Pharmacy - 175

Turn to page 15 for the College of Dentistry graduation gallery.
Sleep apnea therapy effects on children

Kristen Archbold, RN, PhD, has spent 17 years researching connections between sleep and the behavior and thinking patterns of school-aged children. In particular, she is working with children ages 6 to 12 who have obstructive sleep apnea, a condition that affects children and adults causing them to stop breathing many times during a night’s sleep. Her latest research explores whether treatment with a continuous positive airway pressure (CPAP) machine impacts sleep patterns, cognition and behavior for children with this condition.

Dr. Archbold, associate professor in the College of Nursing has received a grant totaling $248,460 from the National Heart, Lung, and Blood Institute, a subsidiary of the National Institutes of Health. The one-year grant will be used to support a study titled, “Neurobehavioral Effects of RIAP Therapy in Children with Obstructive Sleep Apnea.”

In the study, children will get either a placebo machine or a CPAP machine for three months. Dr. Archbold said, after three months, the placebo will be replaced with a CPAP machine, and all the children will be on a CPAP machine at that point.

“We can then determine the extent to which use of the machine contributes to any behavioral and cognitive improvements noticed among the children,” she said. With the study, we hope to determine if CPAP therapy treatment for obstructive sleep apnea ultimately helps to improve sleep patterns, cognition and behavior for our children.”

Dr. Archbold and her team are among the first researchers to use a placebo machine with children in an attempt to determine if treatment with a CPAP machine will improve school performance, thinking patterns and behavior in children with apnea. “Our team was instrumental in developing the placebo machine in order to be able to run a randomized clinical trial-type study, the industry gold standard for studies trying to identify effective treatments for patients,” she said.

This research is critical to understanding how healthy sleep patterns can help children maximize their learning, and physical and cognitive development. Ultimately, this research may help children with unhealthy sleep patterns improve their learning and development.

Teddy bears and toothbrushes

As a part of National Public Health Week, the Colleges of Pharmacy, Medicine, Dentistry and Nursing at UTHSC collaborated to bring Teddy Bear Checkups to students at Cornerstone Preparatory School in Memphis on April 10. Roughly 100 kindergarten students were given stuffed bears, dragons or dolls to take to different stations where they learned about taking care of themselves using the toys as examples. The effort allows students to learn about basic health topics in a fun and engaging way. UTHSC students manned multiple stations distributing information to the children on nutrition, stretching and exercise, dental hygiene, tobacco use, kidney health and drug abuse.

Shown with kindergartners is Chad Slaven, D4.

The 2015 University of Tennessee Alumni Association Public Service Award Winner

Waleatha Wasson, DDS

Associate Professor
Department of Restorative Dentistry

The UTA Public Service Award is presented each year at the SGAC Award Banquet. The award recognizes a full-time faculty or professional/exempt staff member who has made a significant contribution beyond his or her usual responsibilities to the university’s public service role, and the winner is voted on by peers serving on the Public Service Award Committee.

In 2003, Dr. Wasson founded Tennessee Smiles, a volunteer oral health outreach initiative based at the UT College of Dentistry. Since its inception, nearly 10,000 individuals who do not have adequate access to dental care have received dental screenings at health fairs and other community service activities. To learn more about Tennessee Smiles, see the Winter 2014 issue of Dentistry magazine, page 24.

Shown at left: Dr. Wasson accepts the UTA A Public Service Award from UTHSC Chancellor Steve Swab.
Earlier this spring, the renovation of the office space that is now the new dental clinic in Union City, Tennessee, was well underway. "These clinics are being established to give back to the communities, to serve those who can't afford dental care at all," said UTHSC COD Dean Timothy Hottel.

Under the supervision of a clinic director employed by the UTHSC COD, four students will work in the clinics on two-week rotations. They will see patients Monday through Friday from 8 a.m. to 5 p.m. "We will first manage those in dire need of treatment, those with infection, decay and broken teeth. The things that are health risks will come first. Later, we can focus on a comprehensive care plan," Jack Seeberg, associate dean of Extramural Affairs, said.

In Union City, the Bill and Carol Latimer Charitable Foundation is paying for renovations to an existing facility that now houses the clinic. It also purchased the equipment that will be used and is providing a two-bedroom apartment for students to live in during their rotation.

In Bristol, the clinic was established in partnership with the Healing Hands Health Center. Housed in a totally new facility funded by Delta Dental, students will work alongside local dentists who donate their time to care for patients.

For more details about the clinic's 2016 activities, see page 39.

**College of Dentistry receives Patriot Award**

The UTHSC College of Dentistry received the Employer Support of the Guard and Reserve (ESGR) Patriot Award for its close to 30 years of support for U.S. Naval Reserve Commander and Assistant Professor Bryan Schmidt, DDS. "People don't always understand the commitment it takes to support those who are a part of the Guard," said Dr. Schmidt, who teaches in the Department of Periodontology. "I often have to be away for week-long exercises or for work in the post-graduate clinic at Walter Reed Hospital. These assignments sometimes come during March through April, which are critical months in our UT clinic. This creates a shortage when I am out. Others, particularly Dr. Bland, have to cover for me at these times," he continued.

On July 1, Lynn Russell, RDH, MEd, assistant professor and interim director of the Masters in Dental Hygiene Program, became chair of the UTHSC COD Dental Hygiene Program. Russell joined the UTHSC COD faculty in 2014. Prior to this, she was director of Teaching and Professional Development at Concord College.

**More to the story**

For the past year, Cassandra Holder-Ballard, RDH, MPA, EdD, has served as the interim chair for Dental Hygiene. She will return to the dental hygiene faculty and supporting the department with her expertise in clinical and didactic programs.

**More to the story follow-ups from the last issue**

**Education feature, page 18, Winter 2015**

In spite of the inclement weather and icy roads delivered by winter storm Thor, the William F. Slagle Dental Meeting was held as scheduled at the Memphis Hilton. As is the custom, scholarships were awarded at the dinner meeting. Please see the photo gallery from the event that starts on page 40.

**Public Service feature, page 22, Winter 2015**

The figures are now in for 2014-2015, the first year of the pediatric residency outreach program. Altogether more than 1,600 oral screenings were provided to children in Memphis area Head Start pre-kindergarten programs.

**Picture perfect**

Today, College of Dentistry students are training on digital imaging equipment and systems that are at the forefront of technology. "As far as we know, the UT College of Dentistry is the only dental school in the United States that has five cone beam scanners," said Associate Professor of Oral and Maxillofacial Surgery Jeffrey H. Brooks, DMD. The Department of Oral and Maxillofacial Surgery houses two scanners; the Departments of Oral Diagnostics, Orthodontics, and Prosthodontics and Periodontology each have one scanner.

"This technology, along with 3-D imaging systems, allows UTHSC College of Dentistry students to learn on cutting-edge equipment that optimizes their diagnostic potential. All image files include metadata, or information about the file’s content. Pertinent information about a patient, for example name and chart number, as well as data about the image itself – when the image was taken and on what machine or system – is digitally embedded. Every image captured, whether by CT or by digital scan, is sent to the UTHSC photo archiving and communications system (PACS) and then uploaded into the globally recognized Digital Imaging and Communications in Medicine (DICOM) system. Dental students are trained to work with the images through the DICOM interface, which is Health Insurance Portability and Accountability (HIPAA) compliant and meets International Organization for Standardization (ISO) 12052 for medical images and related information. ISO 12052 addresses the exchange of digital images and the information related to the production and management of images. Once in the DICOM system, an image may be easily exchanged or shared with other health care providers. "Our College of Dentistry is setting the standard for students and graduates," said Dr. Brooks.

**TDATA Foundation continues support for student research and scholarships**

The Tennessee Dental Association Foundation (TDATA) is a great supporter of the UTHSC College of Dentistry, particularly in student research and scholarships. At the TDATA Music City Dental Conference in May, Steve Sawrie, DDS, TDATA president, and Dr. Robert Hopper, TDATA board member, presented a check for $10,000 to the College. The funds are specifically designated for the summer student research program. In addition, the foundation presented a check for $5,000 toward the TDATA scholarship endowment in the college.

"The TDATA Foundation is excited to play a major role in student research at the College of Dentistry," explains Dr. Sawrie. "We recognize the importance of research to our profession and want to help foster interest among our future practitioners. We also want to help address the need for student scholarships. Once fully funded, our endowment will provide annual scholarships for Tennessee residents attending UTHSC COD." The TDATA funding for student research provides stipends for dental students involved in summer research projects. Students who participate in the program will present 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 pleased to have the TDATA Foundation as a partner in dental student research, as well as scholarships," explains Franklin Garcia-Godoy, DDS, PhD, PhD, MS, senior executive associate dean for Research. "Their continued support is vital to our efforts as more and more students become involved in research and the need for scholarships increases. Dr. Sawrie, TDATA president, and Thomas Powell, DDS, present the check for student research to Dr. Garcia-Godoy.

**The Colleges of Dentistry and Health Professions celebrated Dr. Nancy Williams’ 34 plus years of service to the University of Tennessee Health Science Center with a reception on Friday, May 15 at which she was named professor emerita. Dr. Williams, herself a graduate of the UTHSC Dental Hygiene Program, served as director for the Masters of Dental Hygiene Program. She retired from the College of Dentistry on June 30.**
George Huang named the 2015 IADR Distinguished Scientist in Pulp Biology

Dr. George Huang is a professor and director for stem cells and regenerative therapies in the Department of Bioskience Research. He obtained his dental degree from Taipei Medical College, Taiwan (now Taipei Medical University) and received clinical specialty training at Boston University, Massachusetts. Subsequently, he acquired basic science training in oral biology for his Doctor of Science degree at Boston University and completed his postdoctoral studies in a mucosal immunology laboratory at University of California-San Diego, School of Medicine. Huang is the first to bring in the concept of preserving stem cells in pulp and apical papilla for potential pulp/dentin regeneration to the endodontic community. He is a leader in the clinical revitalization treatment of endodontically compromised immature permanent teeth, and he has collaborated with various investigators to examine the nature of the revitalized tissues in canal space after revitalization treatment using large animal models or in human clinical cases. His team and collaborators have found that revitalization treatment as a cell-free pulp regeneration approach does not produce pulp regeneration but periodontal tissue in-growth into root canal space. This important finding makes an important point to direct how researchers in this field should plan their research design to reach the goal of pulp/dentin regeneration.

The IADR Pulp Biology and Regeneration Award is supported by L.D. Caulk DENTSPLY International and consists of a monetary prize and plaque. This award recognizes, encourages, and stimulates outstanding research contributions in the field of pulp biology and is one of the 17 IADR Distinguished Scientist Awards. This award is one of the highest honors bestowed by IADR. The International Association for Dental Research (IADR) is a nonprofit organization comprising nearly 11,000 individual members worldwide.

2014-2015 Faculty Enrichment Awards

Dr. Dehghan will present her research at the AAWD National Meeting’s award ceremony being held on Nov. 6, 2015, in Washington, D.C.

Project title: A Neutralizing Mouthwash to Minimize and Prevent Tooth Erosion in Patients with Eating Disorders

Co-Investigator: Darante Versluis, DDS, PhD, and Janet Harrison, DDS

Consultants: Nancy Johnson, EdD, LPC/MHSP, Antheunis Versluis, PhD, and Franklin Garcia-Godoy, DDS, MS, PhD, PhD Transformation Center and Associates: Rehabilitation Center for Patients with Eating Disorders, Cordova, Tennessee

Appointments

Dr. Franklin Garcia-Godoy
- Member, Consensus Panel, Støjøgen’s Syndrome Foundation and Oral Working Group

Dr. Vinay Jain
- Editorial Board, Austin Journal of Dentistry

Dr. Catherine Stamatacos
- Editorial Board, Journal of Dentistry and Clinical Research

Dr. Jay Ragain
- Member, American Dental Association Standards Committee for Dental Products (ADA SCPD)
- Member, International Organizations for Standardization (ISO) Technical Committee 106 Dentistry, Technical Advisory Group (TAG), American National Standards Institute

The University of Tennessee Health Science Center

Dr. Dehghan receives AAWD award

Dr. Dehghan will present her research at the AAWD National Meeting’s award ceremony being held on Nov. 6, 2015, in Washington, D.C.

Mojeh Dehghan receives AAWD Award

The president of the American Association of Women Dentists (AAWD) has notified Mojeh Dehghan, DDS, that she is the recipient of the 2014 AAWD Proctor and Gamble/Gillette Hayden Memorial Foundation Research Award.

This research award is given to support innovative research that will advance new concepts in Women’s Oral Health Research and encourage the study of gender differences in oral healthcare delivery and its practice.

Dr. Dehghan will present her research at the AAWD National Meeting’s award ceremony being held on Nov. 6, 2015, in Washington, D.C.

Project title: A Neutralizing Mouthwash to Minimize and Prevent Tooth Erosion in Patients with Eating Disorders

Co-Investigator: Darante Versluis, DDS, PhD, and Janet Harrison, DDS

Consultants: Nancy Johnson, EdD, LPC/MHSP, Antheunis Versluis, PhD, and Franklin Garcia-Godoy, DDS, MS, PhD, PhD Transformation Center and Associates: Rehabilitation Center for Patients with Eating Disorders, Cordova, Tennessee

Appointments

Dr. Franklin Garcia-Godoy
- Member, Consensus Panel, Støjøgen’s Syndrome Foundation and Oral Working Group

Dr. Vinay Jain
- Editorial Board, Austin Journal of Dentistry

Dr. Catherine Stamatacos
- Editorial Board, Journal of Dentistry and Clinical Research

Dr. Jay Ragain
- Member, American Dental Association Standards Committee for Dental Products (ADA SCPD)
- Member, International Organizations for Standardization (ISO) Technical Committee 106 Dentistry, Technical Advisory Group (TAG), American National Standards Institute

SGAEC Excellence in Teaching Awards

At the 2015 Student Government Association Executive Council Awards Banquet held on April 29, College of Dentistry SGA President Amy Ballestino presented awards to Tom Korioth, DDS, PhD, (shown in photo on left) and Jeffrey G. Phebus, DDS (shown in photo on right) to acknowledge their outstanding teaching and genuine concern for students.
T his year, 116 students received their degrees from the College of Dentistry at a ceremony held on Friday, May 22 at Mississippi Boulevard Christian Church. For the first time since 1972, candidates for the Bachelor and Master of Science in Dental Hygiene joined those receiving their Doctorate of Dental Surgery. James "Jay" R. Hight, Jr., DDS, president of the Tennessee Dental Association and UTHSC College of Dentistry alumnus, was the commencement speaker. His remarks focused on the importance of making ethical decisions in the practice of dentistry. UT COD Alumni Association Representative Les Binkley, DDS, also made remarks.

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

Binkley, DDS, also made remarks.

**Doctorate of Dental Surgery**

Ammaan Hasan Abuli .................................. Lakeland, Tennessee
Wiggo Ahmad .............................................. Nashville
Richard Nelson Anderson ............................... Tuxedo, Georgia
Caleb Jordan Bauer  ...................................... Gallatin, Tennessee
Taylor Ann Beasley ....................................... Portland, Oregon
Virginia Kate Beasley ..................................... Gallatin, Tennessee
Sarah Emily Beers ........................................ Roger, Arkansas
Amy Renee Bell ............................................. Lowell, Arkansas
Emilet B. Bent ............................................. Brentwood, Tennessee
Zachary Evan Berry ...................................... Dyersburg, Tennessee
Shelby Dome Byars ........................................ Germantown, Tennessee
Justin Bruce Bodeker .................................... Wein, Arkansas
Ray Gabriel Brahmbhatt .................................. Chattanooga
Jared Wilson Bratton ..................................... Maryville, Tennessee
Nicholas C. Brooks ...................................... Memphis
Michael Clifford Caple .................................. Memphis
Robert Ian Campbell ..................................... Hixson, Tennessee
Cayce Allison Connolly .................................. Eads, Tennessee
Jonathan Dovid Cook ..................................... Jonesboro, Arkansas
Katie Elizabeth Crow ...................................... Nashville
Brittany Elizabeth Crompton ............................. Knoxville
Brian Patrick Dalton ....................................... Nashville
Grant Coleman Dasher ................................... Memphis
Grant Adam Davidson ..................................... Jonesboro, Arkansas
Amchi Okwuchukwu Echetteh ........................... Spring Hill, Tennessee
Paul C. Farboarts .......................................... Memphis
Charles Baker Felts ........................................ Chattanooga
Alex Fitnigh .................................................. Fort Smith, Arkansas
Amy Victor Francis ...................................... Jonesboro, Arkansas
Nanangit Gidwalkar ....................................... Jacksonville, Florida
Katie Gaudus Gibson ..................................... Jonesboro, Arkansas
Nathan Lynn Hamilton ................................... Morristown, Tennessee
Conor Daniel Hayter ..................................... Fayetteville, Arkansas
Nathanial Gray Henshaw .................................. Maryville, Tennessee
Miliana Anne Hintze ...................................... Collierville, Tennessee
Samantha Jo Highey ....................................... Gallatin, Tennessee
Andrey Veling John ........................................ Cookeville, Tennessee
Abby Sydel Johnson ...................................... White House, Tennessee
Jessica Michelle Jordan .................................. Memphis
Vaseman Kama ............................................. Memphis
Jeffrey Robert Knittel ..................................... Memphis
Mandy C. Knis ............................................. Bartlett, Tennessee
Jeffrey Scott Lee ........................................... Knoxville
Quan Liu ..................................................... Zionsville, Indiana
Hafiz Lodi .................................................... Rawalpindi, Punjab
William Rasei Lamford, Jr ................................... Terre Haute, Indiana
Joshua Shane Manaul ..................................... Corryton, Tennessee
Wilson Moore Mann ...................................... Lawrenceburg, Tennessee
Justin Doue McGearty ..................................... Marion, Arkansas
Joshua Alex McKeeley ................................... Cleveland, Tennessee
Kyle R. Make .............................................. Dumas, Arkansas
Jessica Lauren Melpham .................................. Memphis
Leidy Ann Milton ......................................... Wynne, Arkansas
Soren Jeffrey Mitchell ..................................... Memphis
Afral J. Mohammed ....................................... Martinez, Tennessee
Krynhqee Nam ............................................. Antioch, Tennessee
Sara Hyun Seung Oh ...................................... Antioch, Tennessee
Amber Renee Owens Robertson ......................... Memphis
Ameza T Osuobodo ........................................ Nashville
Ahmad Salwaner Rahman .................................. Nashville
Matthew Robert Reith .................................... Fort Smith, Arkansas
Nicholas John Richards ................................... Cordova, Tennessee
Christopher Lee Robertson ............................. Memphis
Christopher Everet Rossen ................................ Knoxville
Alex Jay Sharp .............................................. Greenbrier, Arkansas
Stuart Burre ............................................. Mount Vernon, Arkansas
Kathryn Deeraw-Smith ................................... Milan, Tennessee
Kyle Robert Smith ......................................... Powell, Tennessee
Richard Tyler Smith ...................................... South Little Rock, Arkansas
Stephan Thomas ............................................. Stanford, Mississippi
Gina Ann Stromsky ....................................... Antioch, Tennessee
Richard Hugh Sullivan .................................. Forest, Tennessee
Stephen Kyle Taylor ...................................... Seve, Arkansas
Emily Lynn Toole ......................................... Pine Bluff, Arkansas
Ethan Plo Traum ........................................... Stockbridge, Georgia
Jenna Leigh Tucker ....................................... Lakeland, Tennessee
Gannon Thomas Van Allen ................................ Knoxville
Ryan Edward Visk ......................................... Ashland City, Florida
Stephen Wahl .............................................. Marion, Arkansas
Christina E. Walls ......................................... Paragould, Arkansas
Brandon Morgan West .................................... Paragould, Arkansas
Geoffrey Brodie West ..................................... Cordova, Tennessee
Christopher W. Wilson .................................... Martin, Tennessee
Robert Daniel Wingo .................................... Goodlettsville, Tennessee
Kiaradi Yosogoy ............................................ Southaven, Mississippi

**Master of Science in Dental Hygiene**

Melody Lakehun Martin .................................. Dougla, Georgia
Nadine R. Ishon ........................................... Mount Ida, Tennessee
Pamela Kay Lindsey ...................................... The Woodlands, Texas
Rachel Elizabeth Hamilton................................. Jackson, Tennessee
Frank Anthony Lloyd ..................................... Antioch, Tennessee

**Bachelor of Science in Dental Hygiene**

Candace Elaine Barnett .................................. Hernando, Mississippi
Paige Nicole Caskey ...................................... Columbus, Tennessee
Lauren Easter Conley ..................................... Memphis
Hassan Widdi Dagbash ..................................... Collierville, Tennessee
Ara Nguyen Dung ......................................... Germantown, Tennessee
Courtney Lynn Foreman .................................. Germantown, Tennessee
Ashley Paige Guercio ..................................... Natchez, Mississippi
Mary Martha Hasbrood .................................. Bolivar, Tennessee
Emily R. Jones ............................................. Collierville, Tennessee
Madeley Rame King ....................................... Collierville, Tennessee
Katie Michelle Land ....................................... Ripon, Tennessee
Brittany Lease ............................................. Oakland, Tennessee
Elizabeth Koel Mackey ................................... Franksville, Tennessee
Alison Paige Morris ....................................... Memphis
Jonna Kay Nolan ........................................... Collierville, Tennessee
Marquitta Latahah Nelsen ................................ Somerville, Tennessee
Samantha Ashley Oliver .................................. Memphis
Chandler Christine Parr .................................. Savannah, Tennessee
Lillian Travis Saut .......................................... Memphis
Barbara Bautzick Scharbock .............................. Cordova, Tennessee
Morgan Michelle Sherald .................................. Atoka, Tennessee
Jada Blanton Turrent ...................................... Gadsden, Tennessee
Mary Elizabeth Vowell ..................................... Franklin, Tennessee

---

The University of Tennessee Health Science Center

Dentistry - Summer 2015

**Dentistry  -  Summer 2015**

**Graduation 2015 Gallery**

---

**Students**
On Feb. 15 for the fourth consecutive year, the UTHSC College of Dentistry participated in National Give Kids A Smile Day. Faculty, students and staff provided more than 80 students at Memphis Academy of Health Sciences Middle School with free dental screenings, teeth cleaning and a range of other oral health services. As in years past the participating middle school students were provided T-shirts to wear on their trip to the college.

The Outstanding Master of Dental Hygiene Scholarship Award

Melody Martin

The Student National Dental Association’s Leadership Award

Jessica Leigh Tucker

American Student Dental Association’s Award for Excellence

Lesley Milton

The UTHSC Service Award

Dean Timothy Hottel

The University of Tennessee Health Science Center
Making the grade

The hours required to master dental courses are long, and the clinical work requires a huge amount of time. Yet, even with these commitments, third-year dentistry students Layta Legrand and Diane Chavis are certified academic tutors in UTHSC’s Student Academic Support Services and Inclusion (SASSI). This office provides tutoring services free of charge, along with counseling and academic coaching, for students from all six UTHSC colleges. Both Legrand and Chavis invest hours helping their fellow UTHSC students make the grade.

When asked about being a SASSI tutor, Legrand who is certified in the areas of gross anatomy, physiology, operative lecture and lab and microbiology and Chavis, who is certified in physiology, had this to share:

“A typical day as an active tutor requires going to a class before a session takes place,” said Legrand. “Making sure that I know an upcoming session’s material is very important before tutoring. I want the students to get the most out of my tutoring sessions. I also like to make worksheets for the students so that it is interactive while I teach.”

Chavis made similar comments, adding that she helps students make outlines, create fun games or questions that could be used as study guides. “My goal as a SASSI tutor is to present the material in a way for students to easily understand and learn,” Chavis explained. “At the end of the day, I want the students to do well in their classes.”

“I enjoy being able to share what I have learned to the incoming students,” Legrand continued. “Taking a short break in between school required me to re-learn what study habits worked best. Once I learned my study habits, I felt like I was in control of learning material. As a tutor, I share all of my study habits with the students and give them advice as to what works for me.”

“I like encouraging students to keep the faith when they are struggling because things will get better,” Chavis explained.

“Students get an opportunity to ask questions that they were not able to ask their professors in class, or may have been afraid, or too embarrassed to ask. It is important for students to know that there are other students who care about them and who are willing to help them whenever needed. I strive to create an environment of teamwork and trust so students can feel comfortable to express their concerns or weaknesses about the material.”

John S. Covington, DDS, MS, FRSM, associate dean of Admissions and Student Affairs for the College of Dentistry, spoke highly of Legrand and Chavis. “Both students are actively engaged in the life of the college and of the campus,” he shared. They are splendid role models for aspiring professionals. By being SASSI-certified tutors in several subjects, it demonstrates they have two completely different skill sets — knowledge about the subject and the ability to transmit that knowledge through effective teaching. As they enter their senior year, it will be fun to see where life takes them. Each will likely have many practice and/or residency opportunities before them.”

Legrand, who graduated from Tennessee State University, states that the most fascinating thing about dentistry is that it is an exciting field where she can use her love of science and art all in one. “I love interacting with people and changing lives through their smile,” she said.

Chavis calls Lafayette, Louisiana home. She chose the field of dentistry because she really enjoys making patients happy, especially when she is able to restore their smile. “I remember the excitement I felt when I completed my first denture case,” Chavis said. “I had the pleasure of working with a patient who had not had teeth for the past two years. When I delivered his denture to him, literally could not stop smiling. He was like a completely different person.”

For incoming students, Legrand has some key advice. “Get involved in student activities, seeking help when needed and building relationships and friendships with classmates and faculty,” she recommended. Chavis added, “Stay encouraged and don’t give up. Sometimes a simple conversation can lead to an exchange of valuable advice that may significantly improve your performance in school.”

White Coat 2015

On the morning of July 10, the peons of Mississippi Boulevard Christian Church were filled with proud parents and friends gathered to watch the 88 members of the class of 2017 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 to Ethical Practice.

This year, Thomas C. Patterson, DDS, trustee of the Tennessee Dental Association and past president of the Memphis Dental Society 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.

Saharran Fanarhi
Jonathan Cosgrov
Marko Crivit
Robert D. Dailey
Justin Ryan Ellis
David M. Feemstr
Daniel J. Fisch
Flawnst Horner
Galen C. Fox
Angela M. Frantz
Jaelyn Flemman
Skyler Hooner Garner
Ann C. Giles
David Glover
Matthew A. Hacker
Logan B. Hall
Kaelie E. Harp
David C. Harris
John Mark Harris
Scott T. Harris
Nicole Henson
Bradley Hiltzman
Thomas Andrew
Hamronay
Liang Hong

Members of the Class of 2017

Christopher M. Adkins
Elleth Alen
Anat A. Amedy
Jordyn K. Andrews
Carla W. Allebrew
Cameron R. Baker
Kyle W. Barton
Macky A. Bell
Adam M. Bennett
Jared S. Britt
Jacqueline A. Biren
Christopher G. Bryant
Nicholas J. Byars
Nalaya D. Cleaver
Jay J. Castille
Shelby J. Chinn
Dana Y. Cruz
Lacee M. Clark
Kyle B. Coghill
Austin Colliato
Gloria M. Corredor-Mendez

A UTHSC tradition carries on

Dental students attended the annual end-of-year Student Appreciation picnic April 27. They had a free meal and could take part in activities aimed at relieving end-of-term stress, like the inflatable slide shown below.

Imhotep induction

Altogether, 25 dental and four dental hygiene students were inducted into the Imhotep Society at the SIGAE Awards Banquet held on April 29. Established in 1979, the invitational organization recognizes those students who, through their service and leadership, have significantly contributed to student life at UTHSC. Jane Pate, Communications and Marketing specialist who serves as editor for Dentistry magazine and staff advisor for the UTHSC yearbook, was given the Imhotep award for her dedication and service to the students.
The University of Tennessee Health Science Center

Education

Cutting z-z-z-s

She was a small child, her head covered in gold ringlets that bounced as her face bobbed down while she napped in her car seat. When she was born, she measured in the 110th percentile for height and weight, but now, at five years old, she had slipped down into the 50th percentile. Her mother was concerned that her child was not growing. Earlier in the year at the child’s annual check-up, the mother told the pediatrician that her daughter was often lethargic and that the child snored so loudly at night that she could be heard all over the home. And now, as her mother watched, the little girl snored and then stopped breathing. The child awoke for just a moment when her head hit her chest, and then the whole sleeping, snoring, no-breathing, waking process started again. Later in the year at the child’s pre-school physical, she was diagnosed with obstructive sleep apnea (OSA). Her retarded growth and her lethargy were directly related to this condition. OSA, the cessation of breathing while sleeping, usually occurs because there is a blockage in the airway. According to the American Academy of Pediatrics recommendation that all children and adolescents be screened for snoring, recognizing that there are significant and exceptional medical resources available at UTHSC, the College of Dentistry focused on Pediatric OSA in April at its annual symposium called The Meeting of the Minds, a conference intended to bridge the gap between the practices of medicine and dentistry. This year’s overall goal was to enable medical professionals to diagnose and treat Pediatric OSA in the most effective ways possible.

Because of the nature of the practice, dentists are in a unique position to identify this medical condition in children. Since they regularly examine the mouth, they can look for an altered palate created by chronic mouth breathing (a symptom of OSA), and for points of airway obstruction, including enlarged adenoids and tonsils. Once diagnosed, OSA can most often be remedied with the removal of the adenoids and tonsils. In cases where surgery is not the solution, other treatments, such as positive airway pressure therapy or oral appliances, are prescribed. Research conducted by Associate Professor Chris Ivanoff, DDS, Dean Timothy L. Hottel, DDS, MS, MBA, and Information Technology Administrator Frank Pancratz concluded that more must be done to prepare dental students to identify OSA and treat patients with this condition. This goes hand in hand with the American Academy of Pediatrics recommendation that all children and adolescents be screened for snoring. Recognizing that there are significant and exceptional medical resources available at UTHSC, the College of Dentistry focused on Pediatric OSA in April at its annual symposium called The Meeting of the Minds, a conference intended to bridge the gap between the practices of medicine and dentistry. This year’s overall goal was to enable medical professionals to diagnose and treat Pediatric OSA in the most effective ways possible.

Because of the nature of the practice, dentists are in a unique position to identify this medical condition in children. Since they regularly examine the mouth, they can look for an altered palate created by chronic mouth breathing (a symptom of OSA), and for points of airway obstruction, including enlarged adenoids and tonsils. Once diagnosed, OSA can most often be remedied with the removal of the adenoids and tonsils. In cases where surgery is not the solution, other treatments, such as positive airway pressure therapy or oral appliances, are prescribed. Research conducted by Associate Professor Chris Ivanoff, DDS, Dean Timothy L. Hottel, DDS, MS, MBA, and Information Technology Administrator Frank Pancratz concluded that more must be done to prepare dental students to identify OSA and treat patients with this condition. This goes hand in hand with the American Academy of Pediatrics recommendation that all children and adolescents be screened for snoring. Recognizing that there are significant and exceptional medical resources available at UTHSC, the College of Dentistry focused on Pediatric OSA in April at its annual symposium called The Meeting of the Minds, a conference intended to bridge the gap between the practices of medicine and dentistry. This year’s overall goal was to enable medical professionals to diagnose and treat Pediatric OSA in the most effective ways possible.

Because of the nature of the practice, dentists are in a unique position to identify this medical condition in children. Since they regularly examine the mouth, they can look for an altered palate created by chronic mouth breathing (a symptom of OSA), and for points of airway obstruction, including enlarged adenoids and tonsils. Once diagnosed, OSA can most often be remedied with the removal of the adenoids and tonsils. In cases where surgery is not the solution, other treatments, such as positive airway pressure therapy or oral appliances, are prescribed. Research conducted by Associate Professor Chris Ivanoff, DDS, Dean Timothy L. Hottel, DDS, MS, MBA, and Information Technology Administrator Frank Pancratz concluded that more must be done to prepare dental students to identify OSA and treat patients with this condition. This goes hand in hand with the American Academy of Pediatrics recommendation that all children and adolescents be screened for snoring. Recognizing that there are significant and exceptional medical resources available at UTHSC, the College of Dentistry focused on Pediatric OSA in April at its annual symposium called The Meeting of the Minds, a conference intended to bridge the gap between the practices of medicine and dentistry. This year’s overall goal was to enable medical professionals to diagnose and treat Pediatric OSA in the most effective ways possible. Because of the condition can impact so many areas, among them the endocrine, cardiovascular and neurological systems, the COD Office of Continuing Education brought together nine experts to present research findings and treatment options for the extremely important, yet often overlooked condition. Models showing how dentistry and medical practices can work together for the optimal treatment of pediatric OSA were also introduced. Session topics included:

- Not Just Short Adults: Diagnosis and Treatment of OSA
- Pediatric Obesity
- Controversies and Nuances in Pediatric Sleep Studies
- Pediatric Dentofacial Orthopedics: Airway-Friendly Options
- Systemic Inflammation and Vascular Dysfunction in Children with OSA
- Pediatric CPAP: The Good, The Bad and The Ugly
- Guiding Craniofacial Growth and Development and Improving Breathing in Children
- Craniofacial Epigenetics: Biomimetic Oral Appliance Therapy

Participants earned 14 hours of continuing education credits. Of more importance, they received up-to-date information on how to work in a collaborative manner to provide diagnosis and treatment of this pervasive and life-altering condition. The UTHSC COD will be offering additional training in this area. A mini-residency will be presented through Continuing Education in September, October and November. In November, a course in Motor Nerve Reflex Testing is scheduled. Additionally, plans are in the works to offer a continuation of this topic at the 2016 Meeting of the Minds. For registration and additional information, please call (901) 448-5386.
Alex is one example of a large and growing population of adult patients who have trouble finding dental practices to serve their special needs. “While there are dentists in the area who will treat the disabled in their private practices, there are no clinics dedicated to treating the disabled in Memphis. Most often, special needs patients are seen by pediatric dentists, if there is no dentist with disability training available,” said UTHSC College of Dentistry Dean Tim Hottel, DDS, MS, MBA.

Some pediatric dentists will continue to see disabled patients once they become adults; however, the patients must cope with being an adult in an environment designed for children. Other patients will age out of a pediatric practice and are then compelled to find a new special needs caregiver. According to Social Security data for 2013, there are approximately 31,622 blind and disabled Memphis-area residents who potentially need this type of specialized dental care.

What are the accommodations?

A patient with special needs requires a qualified and experienced dentist. Other requirements will be specific to the individual and the particular illness, condition or disability. Most typically, patients may require

- An efficient and systematic approach to the examination and treatment so that appointments are short, when necessary.
- Knowledge of the medical, physical, mental or behavioral condition in order to better manage the appointment and oral health needs.
- More assistants during examinations and treatment procedures to better control and monitor the patient and the appointment.
- Sedation dentistry to promote patient comfort if longer appointments are required.
- Flexible appointment scheduling.
- Caregiver or case manager involvement in treatment planning, providing instructions and information, and while performing dental procedures.

For most patients, regular dental care is a routine event. In most areas, there are many dental practices from which to choose, access to the clinic is easy, and procedures are completed with minimal accommodations for care.

But, for 21-year-old Alexandra Russell, going to the dentist is not so easy. She has dental insurance, and payment for procedures is not a problem. However, finding a properly trained, properly equipped dental care provider, whether in Memphis or in any of the other cities she has lived in her young life, has always been challenging because Alex, as she is called by her family and friends, is autistic. While she is able to understand speech, she herself has limited language skills. Because of her autism, she is in constant motion, and she is terrified of needles. This means that she must be sedated to undergo most routine oral exams, teeth cleanings and other procedures.

Who will treat Alexandra?

Alex is one example of a large and growing population of adult patients who have trouble finding dental practices to serve their special needs. "While there are dentists in the area who will treat the disabled in their private practices, there are no clinics dedicated to treating the disabled in Memphis. Most often, special needs patients are seen by pediatric dentists, if there is no dentist with disability training available," said UTHSC College of Dentistry Dean Tim Hottel, DDS, MS, MBA.

Some pediatric dentists will continue to see disabled patients once they become adults; however, the patients must cope with being an adult in an environment designed for children. Other patients will age out of a pediatric practice and are then compelled to find a new special needs caregiver. According to Social Security data for 2013, there are approximately 31,622 blind and disabled Memphis-area residents who potentially need this type of specialized dental care.

What are the accommodations?

A patient with special needs requires a qualified and experienced dentist. Other requirements will be specific to the individual and the particular illness, condition or disability. Most typically, patients may require

- An efficient and systematic approach to the examination and treatment so that appointments are short, when necessary.
- Knowledge of the medical, physical, mental or behavioral condition in order to better manage the appointment and oral health needs.
- More assistants during examinations and treatment procedures to better control and monitor the patient and the appointment.
- Sedation dentistry to promote patient comfort if longer appointments are required.
- Flexible appointment scheduling.
- Caregiver or case manager involvement in treatment planning, providing instructions and information, and while performing dental procedures.

For most patients, regular dental care is a routine event. In most areas, there are many dental practices from which to choose, access to the clinic is easy, and procedures are completed with minimal accommodations for care.

But, for 21-year-old Alexandra Russell, going to the dentist is not so easy. She has dental insurance, and payment for procedures is not a problem. However, finding a properly trained, properly equipped dental care provider, whether in Memphis or in any of the other cities she has lived in her young life, has always been challenging because Alex, as she is called by her family and friends, is autistic. While she is able to understand speech, she herself has limited language skills. Because of her autism, she is in constant motion, and she is terrified of needles. This means that she must be sedated to undergo most routine oral exams, teeth cleanings and other procedures.

Who will treat Alexandra?

Christina Russell with her daughter Alex
To provide for these patients, the UTHSC College of Dentistry has included a special needs clinic in the plans for its proposed new annex. “Once the clinic is established, we anticipate a large number of referrals,” said Dean Hottel. Because special needs patients have less access to dental care, they often have higher rates of poor dental hygiene.

The addition of this clinic, and the training and service opportunities it offers, has been one of Dean Hottel’s hopes since he came to the college six years ago. Now that planning money has been approved for the new dental building annex, the special needs clinic is one step closer to being a reality. “In the next few months, we will be visiting peer institutions that have this type of clinic set up, learning what works best according to their experience,” Dean Hottel remarked.

**Specialized design and equipment**

Setting up a special needs practice requires additional equipment and a different use of space.

The accommodations for patients will begin before you reach the entrance as a first-floor location with ample amounts of handicapped parking is planned. Upon entering, waiting rooms will take patient comfort and privacy needs into account. Inside the clinic, the hallways will be wider so that wheelchairs and scooters may pass with ease.

The operatory will be set up in separate rooms to provide more privacy. This is particularly important when the patient is under sedation. As patients are confined to wheelchairs may need to have their chairs raised or tilted so that they can be treated, wheelchair lifts will be installed. To maximize floor space, sedation equipment will be installed in the walls.

**Specialized training and certifications**

If a patient has Parkinson’s, he or she may need special sedation to control the tremors during a dental procedure. Patients with autism require dentists with training in behavior management. Because different types of sedation may be needed for treatment, a nurse anesthetist will be a part of the auxiliary staff.

Dental training for the care of those with disabilities will be provided through the Departments of Oral Diagnostic Sciences and Pediatric and Community Dentistry. “I anticipate hiring a faculty member with the credentials to oversee pre-doctoral students and to teach in this area,” said Dean Hottel.

**Short- and long-term goals**

Not only will the clinic fill an important gap in dental care offered in our community; it will also give dental students exposure to a different type of patient population and the opportunity to learn how to best care for them. “If our students don’t see it here, they may not see it at all,” said Dean Hottel, speaking of the need to bring disability care to the clinical rotation. “At present, caring for disabled patients is not a part of our curriculum. Pediatric residents are exposed to some patients with special needs during their hospital rotations; our D4s may see some too. But because disabled patients are rarely seen in private practice, our students may not have this experience.”

Once the clinic is established, it will be incorporated as one of the students’ clinical rotations. “This is part of our intent to produce well-rounded doctors. Some of our students may choose to make this their graduate specialty. Others will know how to better assess a disabled patient’s needs and make an appropriate referral,” Dean Hottel observed.

A long-term goal is to develop a graduate program in special needs care. “Students would be able to earn this credential. Traditionally, this is done through oral medicine/oral diagnosis departments,” said Dean Hottel.

The rest of Alex’s story

This spring, Alex’s parents contacted the College of Dentistry to ask for help in finding dental care for their daughter. Pediatric Department Post Graduate Director Martha Wells, DDS, arranged for Alex to have a dental exam to assess her dental care needs in the College of Dentistry clinic. With her parents sitting next to her explaining every step and helping her be still, Alex laid back in the dental chair while Dr. Jennifer Fernandez quickly checked her teeth, gums and mouth. The exam was completed in about five minutes, and no instruments were used.

From this quick exam, a treatment plan was prepared, and insurance coverages for the proposed care are now being checked. Even though she is an adult, Alex’s planned procedures will take place at Le Bonheur Children’s Hospital where the needed equipment and staff are available.

Moving forward

Equipping a dental office for the general population is expensive; equipping a special needs clinic is even more so. To serve as a springboard for funding the estimated construction and set up of $500,000 for this unique and extremely important clinic, a group of three alumni have joined together to form The Women’s Initiative.

To learn more about this initiative, see page 39.

“Alex grew into her teens, it became more and more difficult for her father and me to find care for her. In Florida, we had a team of doctors who worked with us. I am so glad you are doing this. Not just for Alex, but for all those who need this type of help.”

Christina Russell
Alex’s mother, interpreter, caregiver and constant companion

For the past two years, Delta Dental has focused on helping to provide Tennessee children’s hospitals with specially equipped surgical suites and clinics designed to care for children’s unique oral health needs. Le Bonheur’s dental operatory includes intraoral X-ray technology, digital radiography and monitoring systems to allow for safe anesthesia administration. Plans are also underway to develop a fully integrated dental outpatient clinic at Le Bonheur. “Children who experience dental trauma or other oral issues requiring surgery at Le Bonheur now have access to state-of-the-art equipment and technology,” said Trey Eubanks, MD, medical director of Trauma Services at Le Bonheur. “We know the importance of pediatric oral health and appreciate Delta Dental’s continued support.”

All of the UTHSC College of Dentistry Pediatric faculty members have surgical privileges at the hospital, and a number of pediatric residents are on rotation there.

A new facility for children with special needs

Shown cutting the ribbon from left to right are Steve Schwab, MD, UTHSC Chancellor; Trey Eubanks, MD, medical director of Trauma Services at Le Bonheur; Phil Wenk, DDS, president and CEO of Delta Dental of Tennessee; Chris Parrish, Delta Denta West Tennessee account manager; and Missy Acosta, Delta Dental vice president for marketing.

UTHSC medical partner Le Bonheur Children’s Hospital recently opened its specially equipped dental surgical suite, thanks to a more than $500,000 donation from Delta Dental of Tennessee.

“For children with health complications or compromised immune systems, receiving safe oral care or surgery is especially important,” said Phil Wenk, DDS, president and CEO of Delta Dental of Tennessee. “We want to ensure that dentists always have a safe place to provide oral health care.”

For the past two years, Delta Dental has focused on helping to provide Tennessee children’s hospitals with specially equipped surgical suites and clinics designed to care for children’s unique oral health needs. Le Bonheur’s dental operatory includes intraoral X-ray technology, digital radiography and monitoring systems to allow for safe anesthesia administration. Plans are also underway to develop a fully integrated dental outpatient clinic at Le Bonheur. “Children who experience dental trauma or other oral issues requiring surgery at Le Bonheur now have access to state-of-the-art equipment and technology,” said Trey Eubanks, MD, medical director of Trauma Services at Le Bonheur. “We know the importance of pediatric oral health and appreciate Delta Dental’s continued support.”

All of the UTHSC College of Dentistry Pediatric faculty members have surgical privileges at the hospital, and a number of pediatric residents are on rotation there.
On a mission

During the academic year, students, faculty and staff members from the College of Dentistry participate in hundreds of outreach activities across the state. However, the college’s philanthropic endeavors reach far beyond Tennessee. Through a collaborative effort with faith-based organization Global Health Outreach (GHO), students and faculty members from the UTHSC Colleges of Dentistry, Medicine and Pharmacy, along with other health professionals and students from around the United States, volunteered to take part in a mission trip to El Salvador from June 20 through 28. With the help of local representatives, they set up clinics in different cities.

The following are excerpts from the travel diary kept by UTHSC Dentistry student Ashley Hutchison, D4.

Day 1: 6/20/15

We departed from Memphis about 6:30 a.m. and arrived in El Salvador at 12:30 p.m. Our crew was met by our hosts, pastor Mauricio and his wife Nellie, along with a few members of their team. Once we made it through customs, each bag containing supplies had to be inspected by airport officials. Walking out of the airport, there was a big yellow school bus ready to take us to our first stop—lunch in San Salvador. Wow is it hot here!

We rode the school bus about 40 minutes to a place called Los Cebollines where a delicious meal was served for our team of 29 people. After the meal, we headed to Santa Ana (about a one-hour bus ride) for a welcoming ceremony. We were greeted by a band; a line of people formed on both sides of the road, similar to a parade. WOW… I know I speak for the entire group when I say we felt so undeserving of a welcoming like this. I am blown away with how loving these people are. They all wanted to hug your neck. The church members had prepared a few skits for us. They sang their national anthem and then ours (very touching). We then headed to Hotel Tolteka, where we will stay the rest of the week.

There are lots of hills and mountains in El Salvador. The houses here look very different than in the U.S.—most were small concrete or brick homes with a tin roof, some without. Also, Pizza Hut seems to be quite popular in El Salvador, we saw one in nearly every town we passed through.
Day 2: 6/21/15

Breakfast was prepared for us at 6:45 a.m.—plantains, eggs, pancakes and watermelon juice. Ms. Ann, one of the medical doctors on our team, spoke to the group to prepare us for the day ahead. We then headed by bus to the same church from the night before.

Once there, the team split up into groups, some remaining in Santa Ana, while the other groups went to other affiliated Oasis churches in El Salvador. Gloria Coronado, John Taylor, Christen Lundgren and Dr. Dean Patton (our medical director on the trip) and I traveled to Chalchuapa where we would re-group with other medical team members and have lunch.

On the way there, one of our El Salvador hosts began explaining the impact gangs have on their country right now. While traveling, we passed, Tazumal, a historic Mayan temple.

After lunch, we headed to the hotel for a brief rest before the last 10 miles we traveled in the back of a white pickup truck to our next home visits. We saw two more patients this morning, one of which had entropion (a condition where the eyelid is rolled inward against the eyeball). After this, we met with the rest of the team for lunch which was provided by the owners of a home near the clinic. The rest of the day went by quickly as all clinics are very common to this area.

Day 3: 6/22/15

Today is our first clinic day. It began as all other mornings with breakfast at 6:45 a.m. Our first two days will be spent in La Magdalena, a very rural area of El Salvador, while the last three days will be spent in Texistepeque. The clinics will both take place in the main church building at each location.

Home visits are a big part of the experience on GHO mission trips, in El Salvador. Each day, a group of three to four GHO team members, along with a handful of translators, will visit homes in the local community to address any medical or dental needs.

Our translators throughout the week are 10th and 11th grade students at the school affiliated with Oasis church in Santa Ana. These translators work side-by-side with us for each patient that comes to the clinic and are absolutely invaluable to this trip! We have on their country right now. While traveling, we passed, Tazumal, a historic Mayan temple.

After lunch, we headed to the hotel for a brief rest before the last 10 miles we traveled in the back of a white pickup truck to our next home visits. We saw two more patients this morning, one of which had entropion (a condition where the eyelid is rolled inward against the eyeball). After this, we met with the rest of the team for lunch which was provided by the owners of a home near the clinic. The rest of the day went by quickly as all clinics are very common to this area.

Day 4: 6/23/15

This was day two in the clinic at La Magdalena. Pharmacy encountered some problems today trying to find a method to treat scabies, as the medication they had required the use of a bathtub which was not available to these patients.

The church provided a drama team to entertain the patients as they waited to be seen. After treating the last patient, we began breaking down the clinic and packing the supplies.

In just two days at this clinic, we were able to treat a total of 502 people and go on 16 home visits.

After leaving Oasis church, we took about an hour bus ride up the mountains about to go souvenir shopping. Vendors lined the streets. We ate dinner at a restaurant serving pupusas—a specialty of El Salvador.

At left - Dr. Dean Patton and translator, Enrique Moran, helping our first patient, a 68-year-old male with dry gangrene of his left foot, on home visits in La Magdalena.

Above, top - Ashley, Dr. Dean Patton (medical director of the trip), Andrew Lee (medical student from North Carolina), and the translators riding in the back of the pickup en route to home visits.

Above, center - patients waiting to be seen by medical and dental teams at La Magdalena.
Day 5: 6/24/15
Refried beans, eggs and plantains were served for breakfast. Today is the first day at Texistepeque, which is also a very rural area. We arrived to find the clinic mostly set up by our awesome team of El Salvadorian hosts. After unpacking a few supplies, the day began in full force. Dentistry experienced some hiccups with the compressor—making operative dentistry a challenge. Gloria Coronado, a third-year dental student, represented the dental crew on home visits today. Our three dentists, Garrett Orr, Charlyn Wilson, and Duk Kim, stayed busy treating patients all day. The medical team saw many patients with joint pain from chikungunya. The one thing that sticks out to me about these people is how well behaved the children were. Many kids were very brave in the dental chair today.

Jill Emily, D2, assists Dr. Duk Kim (dentist from New Jersey) in a dental procedure.

Day 6: 6/25/15
We had yet another busy day in clinic today. Daltria Li, also a third-year UT dental student, went on home visits in the morning. One patient seen today by the home visit crew had tonsillar cancer. Each day one dental chair is being used for fillings, two chairs for extractions and another two to three for cleanings. Elissa Brown and Courtney Stewart did a fabulous job in sterilization ensuring we had sterilized dental instruments for all procedures. Jill Emily, a second-year UT dental student, was also an essential member of our dental team—assisting the doctors and giving post-operative instructions to all patients.

For dinner, they took us to Pollo Campero, the El Salvador equivalent to KFC. After arriving at the hotel, we prepared gifts for all the translators and those who have helped make this medical campaign a success.

“Altogether, 1,300 people were treated this week. For me, this trip was a very humbling experience.”

Day 7: 6/26/15
Today was only a half-day in clinic, as the second half of the day was reserved for tearing down, packing supplies and preparing the closing ceremony. Our team of GHO members put on a skit to entertain our international hosts. Gifts were then presented to our many week-long helpers. After the closing ceremony, we went to the house of one of our translators for a cookout. For dessert, they served a mix of exotic fruits including licha and talpa. This time with our international team was very bitter sweet. Although we were celebrating our successful week in clinic, we also had to say goodbye to the translators we have grown so close to during this process. Getting to know the translators this week was one of the most rewarding experiences of this trip. Before leaving, they presented each of us with a picture frame housing a picture of the entire GHO team and the translators taken a few days prior (Shown below). Altogether, 1,300 people were treated this week. For me, this trip was a very humbling experience.

Day 8: 7/2/15
We are now home and need to reflect on all that we have experienced. Some highlights of this trip include:

1. The joy of helping others.
2. The gratitude of the translators.
3. The beauty of the culture.
4. The importance of communication.

Overall, this trip was a life-changing experience. Thank you to everyone who made this possible.

Shown above - Gloria Coronado, D3; Charlyn Wilson, DDS (from Germantown, Tennessee), Daltria Li, D3; Ashley Hutchison, D4; Jill Emily, D2; Garrett Orr, DDS (from Winchester, Tennessee), Duk Kim, DDS, (from New Milford, New Jersey). Photo taken at the clinic in Texistepeque.
After long hours of testing, measuring, recording and analyzing, students, postdoctoral students and faculty members have opportunities to present their findings in poster format at events held on campus and at professional meetings across the country during the first quarter of the year.

For Chad Slaven, D3, winner of the Dentsply Student Clinician Award at the annual College of Dentistry Student Research Day held on Feb. 19, the process of preparing his research poster began in April 2014 when he made his proposal to the college’s research committee. After being approved, he worked an average of four hours each day for six weeks on his project. When his research was completed, he then began writing up the summary of his findings and designing his poster.

“One of the best things about the research was learning from the mentors I have known for the past three years. Through this close association, I was able to learn things outside the clinical environment,” Slaven said.

“As students, we read research articles all throughout school. For me, it is really neat to be leading the research rather than reading about it,” he continued.

This year 32 dental students and 11 residents prepared individual research projects and took part in Student Research Day. Their projects were guided by 32 faculty members.

Many of the projects, stipends for travel and Student Research Day, are funded by the UTHSC College of Dentistry Alumni Endowment for Research, the Tennessee Dental Association Foundation and the college itself.

The interest and growth in research also extends to the faculty and administration. During this past fiscal year, they authored more than 100 research articles which were published.

Chad Slaven, D3, (below left) worked with Drs. Ragain, Owens and Phebus on a project entitled “Determination and Correlation of Depth of Cure and Surface Hardness of a New Composite Resin Delivery System.” He will present his findings this November at the American Dental Association Annual Session in Washington, D.C.

Also receiving awards at Student Research Day for their outstanding presentations of 2014 summer research projects were Adiha Khan, winner of the Harold Glogman Award; and Ammaar Abidi, Angela Frantz, Yasaman Kamali, and Emily Kymer-Davis, winners of James C. Ragain Jr. Awards; and Chad Slaven, Richard Sullivan, Emily Toole, and Kiara Yoganegi, winners of AADR Memphis Section Awards for Student Research. Their projects were previously presented in October of 2014 at the national Hinman Student Research Symposium held in Memphis.

At the annual College of Dentistry Student Research Day held on Feb. 19, the process of preparing his research poster began in April 2014 when he made his proposal to the college’s research committee. After being approved, he worked an average of four hours each day for six weeks on his project. When his research was completed, he then began writing up the summary of his findings and designing his poster.

“This is a big thing for me. I have known for the past three years. Through this close association, I was able to learn things outside the clinical environment,” Slaven said.

“As students, we read research articles all throughout school. For me, it is really neat to be leading the research rather than reading about it,” he continued.

This year 32 dental students and 11 residents prepared individual research projects and took part in Student Research Day. Their projects were guided by 32 faculty members.

Many of the projects, stipends for travel and Student Research Day, are funded by the UTHSC College of Dentistry Alumni Endowment for Research, the Tennessee Dental Association Foundation and the college itself.

The interest and growth in research also extends to the faculty and administration. During this past fiscal year, they authored more than 100 research articles which were published.
A retrospective study of the three-year survival rate of resin-softened enamel.
M. Lenahan, M. Wells, M. Scarbecz
M. Wehman, E. Mulki, R. Roldan, O. Arevalo, J. F. Roberts
Cuspal Flexure, Depth-of-cure, and Bond Integrity of Softened enamel.
M. Lenahan,
Rationale for Caries Inhibition of Debonded Glass Ionomer Sealants: An In Vitro Study. Pediatric Dentistry 2014; in press.
A. Fitzugh, M. Dehghan, D. Versluis, J. F. Simon
Effectiveness of a neutralizing mouthwash in rehardening softened enamel.
M. Morris, N. Smith
Rationale for Caries Inhibition of Debonded Glass Ionomer Sealants: An In Vitro Study. Pediatric Dentistry 2014; in press.
T. Do, B. Church
Cuspal Flexure, Depth-of-cure, and Bond Integrity of Bulk-fill Composites. Pediatric Dentistry 2014; in press.
S. Ahuja, R. Wicks, A. Selecman
Fabrication of new restorations with a consideration of outer hygiene.
A. Agnihotry, K. Gill, C. Ivanoff, R. Kochhar
Teaching future dentists to detect and report suspected child abuse and neglect. International Journal of Ethics, Trauma and Victimization 2014; in press.
N. Egbert, D. Cagna, S. Ahuja, R. Wicks
Accuracy and reliability of sliced cone beam computed tomography images. Imaging Science In Dentistry 2014; in press.
V. Jain, J. Babu, S. Ahuja, R. Wicks, F. Garcia-Godoy
J. H. Ha, S. R. Kim, A. Versluis, G. Cheung, I. W. Kim, H. C. Kim
Elastic limits in torsion of reciprocating nickel-titanium instruments.
J. Lea, M. McBride, T. L. Hottel
Changes in the clinical training of dental students at the University of Tennessee College of Dentistry.
S. Rosenberg, S. Kumar, N. J. Williams
Attention deficit/hyperactivity disorder (ADHD) medication and dental caries in children: A critical analysis.
R. Livada, P. Bland, J. Shiloah
Surgical management of implant-associated gingival fenestrations.
New York State Dental Journal 2015; in press.
J. Massad, S. Ahuja, C. Goodacre
Factors in the selection of different implant restorations.
Dentistry Today 2015; in press.
A. A. Azim, J. Griggs, G. T. J. Huang
J. H. Brooks, R. A. Wicks, T. L. Hottel
A simplified approach to implant restorations using innovative digital technology.
Journal of the Tennessee Dental Association, in press.
T. E. Donovan, R. Marzoal, W. Becker, D. R. Cagna, F. Eichmiller, J. R. McKee
A. A. Al Dayeh, S. W. Herring
Cellular proliferation in the nasal septal cartilage of juvenile minipigs.
C. S. Ivanoff, F. Panzarri
Incidence of sleep disorder breathing as reported by patients at UTHSC College of Dentistry: a two-year follow-up.
Effect of punch and orifice base sizes in different push-out test set-ups: stress distribution analysis.
Journal of Adhesive Dentistry 2015, in press.
C. F. Ferreira, A. M. Prado, M. A. Pereira, A. C. Cardoso
The value of occlusion in dentistry: a patient study showing the correction of an anterior reverse articulation with selective occlusal adjustment.
E. E. Harris, C. L. Foster
J. Yu, M. Jamal, F. Garcia-Godoy, G. T. J. Huang
Dental pulp stem cell niche.
G. T. J. Huang and F. Garcia-Godoy
The interfacial phenomena.
Operative Dentistry 2015; in press.
F. Garcia-Godoy, G. T.-J. Huang
Comparison of fungal biofilm formation on three contemporary denture base materials. Journal of Experimental Dental Science, 2015; in press.
C. S. Ivanoff, J. Babu, S. Ahuja, R. Wicks, F. Garcia-Godoy
Comparison of fungal biofilm formation on three contemporary denture base materials. Journal of Experimental Dental Science, 2015; in press.
C. S. Ivanoff, F. Panzarri
Incidence of sleep disorder breathing as reported by patients at UTHSC College of Dentistry: a two-year follow-up.
Effect of punch and orifice base sizes in different push-out test set-ups: stress distribution analysis.
Journal of Adhesive Dentistry 2015, in press.
C. F. Ferreira, A. M. Prado, M. A. Pereira, A. C. Cardoso
The value of occlusion in dentistry: a patient study showing the correction of an anterior reverse articulation with selective occlusal adjustment.
E. E. Harris, C. L. Foster
J. Yu, M. Jamal, F. Garcia-Godoy, G. T. J. Huang
Dental pulp stem cell niche.
G. T. J. Huang and F. Garcia-Godoy
Stem cells and dental tissue reconstruction.
C. S. Ivanoff, I. Muratovska, A. E. Ivanoff
The interfacial phenomena.
Operative Dentistry 2015; in press.
R. A. Pereira, A. A. Bicalho, D. Tahtbirtsoj, A. Versluis, S. D. Franco, C. J. Soares
D. Umsted, J. Ragain
Flexible removable partial dentures - What is their place in the contemporary dental practice? Arkansas Dental Journal 2015; in press.
J. W. Vassar, A. Kaydis, T. Trojan, J. Fisher
Dentoalveolar effects of a temporary skeletal anchorage device supported rapid maxillary expansion appliance (TSADME). Angle Orthodontist 2015; in press.
J. Metz, K. Rothmeier, V. Pitchika, R. Hickel, K. Bücher, J. Kühnisch, F. Garcia-Godoy
C. F. Branchal, M. H. Wells, D. Tahtbirtsoj, A. Versluis
Can increasing the manufacturer recommended shortest curing time of high-intensity LEDs adequately cure sealants? Pediatric Dentistry 2015; in press.
J. S. Egbert, A. C. Johnson, D. Tahtbirtsoj, A. Versluis
C. S. Ivanoff, K. Yaneva-Ribagina, B. Andonov, P. K. Ivanova, A. E. Ivanov
The educational mission of student exchanges: perceptions of dental students from Bulgaria and the U.S. Problems of Dental Medicine (Bulgaria) 2015; in press.
J. C. Ragain
M. W. Lewis, A. D. Braxton, W. Wasson
R. A. Pereira, A. A. Bicalho, D. Tahtbirtsoj, A. Versluis, S. D. Franco, C. J. Soares
D. Umsted, J. Ragain
Flexible removable partial dentures - What is their place in the contemporary dental practice? Arkansas Dental Journal 2015; in press.
J. W. Vassar, A. Kaydis, T. Trojan, J. Fisher
Dentoalveolar effects of a temporary skeletal anchorage device supported rapid maxillary expansion appliance (TSADME). Angle Orthodontist 2015; in press.
Research, continued


Mouthwash Improved Saliva pH After Acidic Incident Clinical Pilot Study


uPA, PAI-1, and uPAR in Cultured Normal and OSCC Cells

A. Karydis, I. Sandal, M. Radic, J. Lao, F. Garcia-Godoy

MicroCT Analysis for Early Detection of Bone Loss in a Mouse Periodontitis Model

V. F. Carvalho, C. M. Rosatto, A. A. Bicalho, M. S. Ferreira, M. Rodrigues, D. V. Tantbirojn, A. Versluis, C. J. Soares Pulp Temperature, Deformation, and Pulp-protection Material Interface Integrity During Restoration

Z. Yu, L. Ikbaie El Ayachi, C. Xu, E. L. Thomas, Z. W. Stewart

A miniature swine model for endodontal pulp and dentin regeneration


Evaluation of Chitosan Nano-tube and Collagen GTR Membranes in vivo

E. T. Deole, D. Clement, A. Lloyd, F. Garcia-Godoy

The Effects of Photon Induced Photocrosslinked Streaming on the Dissolution of Tissue by Sodium Hypochlorite: An In Vitro Study

C. J. Soares, V. F. Carvalho, C. M. Rosatto, A. A. Bicalho, M. S. Ferreira, D. V. Tantbirojn, A. Versluis

Mechanical Properties and Cusp Deflection of Bulk Fill Composite Restins


Plaque Acidogenicity Assessments – A Novel Field Test Sampling Approach

A. Agnihotry, S. Darwin, M. Duly, C. S. Ivanoff, R. Kumar

Community Outreach Clinics: Sustainability, Schooling Dental Students and Overcoming Oral-health Inequalities

J. D. Zimmerman, A. Versluis, D. J. Clement, A. Lloyd

Influence of Remaining Zinc Oxide-eugenol Based Sealer on Bond Strength of Fiber Posts to Root Canal Dentin After Root Canal Re-treatment

2015 ADEA Allied Dental Directors’ Conference, Austin, Texas, June 6-9, 2015

N. J. Williams, S. Kumar, L. Heter, P. J. Koltnow, C. Holder-Ballard, M. Woods, M. Anderson, R. Reynolds

Campus to Community Partnerships: Building Interprofessional Collaborative Practice Learning Experiences through Dental Hygiene Educational Programs

Grants and Sponsorships

Screening and qualification of subjects for future studies
Principal Investigator: Dr. Franklin Garcia-Godoy
Source of Funding: Procter & Gamble

Sponsored Clinical Trials

Externally sponsored

Effect of nanotube treated titanium discs loaded with enamel matrix derivative on cellular activities
Principal Investigator: Cimara Ferreira
Co-investigators: Toluo Shokuhfar, David Tipton, Jegdish Babu

Antimicrobial effect of dendrimer-amino-terminated poly(aminodiamine) (PAMAM-NH2) on oral bacteria
Principal Investigator: Liang Hong

Development of injectable biodegradable in situ forming monocline depot formulations for periodontitis
Principal Investigator: Liang Hong
Co-investigators: Lifeng Wu, Franklin Garcia-Godoy, Timothy Hottel

Evaluation of the physicochemical properties and degree of conversion of epoxy-based endodontic sealers
Principal Investigator: Melissa A. Marchesan
Co-investigators: Adam Lloyd, Timothy Hottel

Real time PCR analysis of tetraspanin gene expression in oral cancer tissue
Principal Investigator: Yanhui Zhang
Co-investigators: Franklin Garcia-Godoy, Kenneth Anderson

Seeking to understand the reader of interest, your patient. Health literacy and adherence concerns for the dentist and the dental/medical team.


J-Y. Liu, X. Chen, L. Yue, G. T. J. Huang, X. Y. Zou
CXC43 is expressed paravascularly in apical papilla and coordinates with SDF-1 during transmigration of SCAP.


M. Scarbecz, M. S. Seeberg
The challenges of effective student reflection in a pre-doctoral dental communication simulation course.

D. E. Umsted, J. C. Ragain, R. A. Wicks
Combination PRDP: A case report of a hybrid flexible and traditional partial removable dental prosthesis.


Flexural Strength and Flexural Fatigue Properties of Resin-Modified Glass Ionomers.


S. Shamberger, D. Johnson, S. R. Jefferies
Plaque Acidogenicity Effects of Marketed Anticaries Dentifrices

Northwest Dentistry 2015; March-April 94(2):27-32


Mouthwash Improved Saliva pH After Acidic Incident Clinical Pilot Study

I. El Ayachi, A. Khan, G. Huang

Osteogenic differentiation of MSCs Derived from Human iPSCs and ESCs

F. Garcia-Godoy, B. R. Morrow

Wear Resistance of New ACTIVA Compared to Other Restorative Materials

Validation of Profilometry as Alternative Method for Dentin Abrasivity

R. Sullivan, R. H. Hatch, C. Verisioso, D. M. Pegall, D. V. Tantbirojn, A. Versluis

Failure Strengths of Additions to Composite or Resin-modified Glass Ionomer


Fluorescent Reporter Introduced into Streptococcus Mutans and Streptococcus Sanguinis

10th UTHSC Graduate Research Day, April 10, 2015

K. N. Hous, M. M. Jefferson, E. L. Thomas, D. Tipton

Inhibitors of Bacterial Protease Enzymes for Periodontal Therapy

A. Nazal, D. Tipton, A. Karydis, A. Slominski, S. Stein
Effects of Vitamin D and a Vitamin D Analog on Wound Healing via Induction of Human Cathelicin LL-37

Evaluation of Bone Regeneration of Simvastatin Loaded Chitosan Nano-tube Membranes in Rodent Calvarial Defects


A. Garcia-Godoy, D. J. Clement, A. Lloyd, D. Tipton, J. Babu

In Vitro Evaluation of the Efficacy of PIPS Irrigation System on Disinfection of Type Two Canal Systems in Molars

G. Navarrete, A. Lloyd, M. A. Marchesan, D. J. Clement
Removal of Calcium Hydroxide from Weine Type II Systems Using PIPS: A Micro-Computed Tomography Study

L. Wu, B. R. Morrow, C. Xu, T. L. Hottel, F. Garcia-Godoy, L. Hong

In Situ Formation of Amorphous Calcium Phosphate to Remineralize Tooth Enamel

Dentistry - SUMMER 2015
The University of Tennessee Health Science Center
Faculty
Dentistry
A trio of alumnae leaders has joined leaders in the College of Dentistry to raise $500,000 for a new special-needs clinic where supervised students would see a more diverse patient population than ever before.

Ruth Bailey, DDS '81, Jeannie Beauchamp, DDS '91, and Terryl Propper, DDS '82, are motivated by the remarkable increase in the number of women choosing dentistry as a profession, and they've dubbed this effort The Women’s Initiative.

"Each alumna should be proud of breaking through barriers, and every alumnus should be proud of his female colleagues who became pioneers to pursue their ambitions," they said in a statement to their peers.

While female students make up 44 percent of the current first-year class, only five percent of those receiving a degree in 1975 were female. In 1985, the graduating class was only 10 percent female.

Once funded, the special-needs clinic would be housed in a planned annex to the Dunn Building, now a top funding priority. The clinic would allow students, guided by supervisory faculty members, to gain invaluable experience that will better prepare them to serve every patient, regardless of age, ability, financial situation or other circumstance.

"It is our responsibility as the key provider of dental education in our region to equip our students to treat special populations," said Tim Hottel, DDS, dean of the College of Dentistry. "By definition, their care is more unique and often more critical."

To learn more about the planned special needs clinic, please see the Clinical Care feature on page 22.

Anyone can provide support for the clinic, and pledges are eligible for fulfillment across five years. Contact Tim Lanier at (800) 733-0482 for more information.
I n spite of the snowy weather, the College of Dentistry held its 14th Annual Scholarship Banquet at the Memphis Hilton on March 7, 2015. The banquet is sponsored each year by Delta Dental of Tennessee.

Through the generous gifts of our alumni and friends, the college presented 110 awards totaling more than $270,000 in 2015. 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 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. Scholarship support rewards UTHSC COD students by offsetting tuition costs. Alumni and friends who fund scholarships help our students in a way that lasts well into their careers by reducing their financial burden as many of them take on even more debt to buy into an existing practice or establish their own.

To establish an endowment at UTHSC COD for scholarships or other purposes, please contact Tim Lanier, Director of Development, at (800) 733-0482 or tlanier@uthsc.edu. Thanks to all our dedicated supporters!

College of Dentistry celebrates
14th Annual Scholarship Banquet
Inaugural recipients of the new Thomas P. Hinman Dental Society of Atlanta Scholarships are shown below with Dean Tim Hottel (left) and society representative Dr. Wallace Lail (third from left). David Young, D3, Lail, Payton Seelinger, D3, Morgan Gonder, D3, and Katie Gibson, D4

THANK YOU to the Dentistry Student Government Association for their efforts to fund a scholarship for fellow and future classmates. Latoya Legrand, D3 (center), is the inaugural recipient of the SGA Scholarship. She is pictured below with Dean Tim Hottel (left) and Dr. Tyler Allen.

Inaugural recipients of the new Thomas P. Hinman Dental Society of Atlanta Scholarships are shown below with Dean Tim Hottel (left) and society representative Dr. Wallace Lail (third from left). David Young, D3, Lail, Payton Seelinger, D3, Morgan Gonder, D3, and Katie Gibson, D4
The University of Tennessee Health Science Center

14th Annual Scholarship Banquet

Since 1953, the scholarships funded by the UT Alumni Association (UTAA) have been a source of financial assistance to thousands of outstanding students. Those who have contributed to the Alumni Association’s Fund for the Future know that the majority of their gift dollars are used to recognize and reward deserving students who have excelled academically and in leadership roles. The UTAA Andy Holt Scholarships are the most prestigious scholarships awarded by the UTAA. Those receiving the award are shown at the right.

Scholarship fund honors dental family

Among this year’s scholarship students was Michael Cagle, D4, the inaugural recipient of the Guthrie Family Scholarship, created in 2014 by Fred (DDS ’58), Rick (DDS ’87), and Barb Guthrie Duncan.

The fund was established to honor the legacy of the family’s late patriarch Maxie Jones Guthrie, as well as the impact of UTHSC on the entire family. While exploring ways to honor Maxie, husband Fred and son Rick—both alumni of UTHSC COD—along with daughter Barb, created the scholarship to forever link the Guthrie name to the college.

“Our mother and father began the family practice together more than 50 years ago,” Rick said. “Dentistry was just as important and interesting to [my mom] as it was to my dad and me, and she was a driving force behind our success.”

For that reason Fred, Rick and Barb established the fund in the name of the family as a way to celebrate all the profession and UTHSC, in particular, have provided for them. By endowing the fund, they have ensured that the scholarship will exist in perpetuity.

“I am so appreciative of the education I obtained at UT and the skills that the Lord has given me, and I believe in sharing what I’ve been given,” Fred said.

“We are a dental family, so this is a way to establish an enduring legacy,” said Barb, who did not pursue dentistry but recognizes the impact on her life. She made a point to encourage others to pay it forward.

“The feeling of giving back and making a meaningful difference for someone else is priceless,” she said.

A third-generation Guthrie dentist will soon be a reality. Rick’s son Van just finished his third year as a dental student at UTHSC COD. Additionally, there are two dental hygienists in the family.

See the sidebar on page 42 for the scholarship award photos.

Phillip Platt, D1

“Anything that will reduce my debt and help me get to a point of being able to give to others more quickly… I’m grateful for it.”

Phillip Platt is a first-year student at UTHSC COD and recipient of this year’s Legacy Scholarship. Both parents attended UTHSC—his father a dentist, and his mother a physical therapist. Additionally, his brother is a dentistry student (D3), and his wife began the dental hygiene program in the fall.

Dentistry wasn’t an automatic career choice for him. He began college pursuing engineering, but realized quickly it was not a good fit.

“I wanted to be my own man, so I took a step back and really asked myself what I wanted from a career,” Platt said. “I wanted to earn a good living for my family, have the means to give back, have a strong work-life balance, and do something that would challenge me.”

Physical therapy emerged as a possible avenue, and (eventually) dentistry. Through his research and shadowing experiences, Platt realized that there was one thing missing from his list—building long-term relationships.

That was the determining factor that tipped the scales toward dentistry.

Even through the intense adjustments of the first year, and to married life, Platt hasn’t looked back. He feels lucky to have his dad and brother to discuss the challenges, and he values the sense of community among the students. No matter the experience, he has a built-in support system.

Platt is diligent in ensuring his grades will enable him to keep his career options open. Wherever the career path leads, he will remain grateful for the network of people who made it possible, including scholarship supporters.

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. Phillip’s father George received his DDS in 1984 from UT COD, and his mother Dinah received a BS in Physical Therapy in 1982 from UTHSC. To learn more about this and other scholarships offered by the UTAA, visit utaconnect.com/scholarships.

“Every bit is appreciated, and I realize how much it means in the long term,” he said.
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.

Thompson honored by Tennessee Dental Association

Roy Thompson, DDS, from Murfreesboro, Tennessee, received the Jack Wells Memorial Dedication to Dentistry Award during the Tennessee Dental Association’s (TDA) Music City Dental Conference, the TDA’s 148th annual session, in Nashville. Dr. Thompson was honored for embodying the four criteria considered in determining the recipient of this award: quality of practice, service to organized dentistry and contribution to dental education and humanitarian service. The award is only presented in years that deserving recipients are identified.

Dr. Thompson, a member of the UTHSC COD class of ’78, is credited as the driving force in the establishment of the Interfaith Dental Clinic in Rutherford County, working with community and dental leaders to find a location, purchase and renovate an existing building to bring the clinic to completion, officials said.

Why did you select UTHSC COD?

“I’ve always been a student at the University of Tennessee. It was a wonderful place to grow up and get an education. I was impressed with the teachers and the quality of education. My family and I have been able to help those students who are now going through a similar experience.”

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

“UTHSC was a wonderful place to grow up and get an education. I have fond memories of getting to know and help the current students who are receiving those scholarships. I encourage my colleagues to fund a scholarship that perpetually helps new students.”

What is your advice to other alumni about getting involved?

“I encourage my colleagues to fund a scholarship that perpetually helps new students. Alumni support is critical for the college to grow and continue to provide the quality dental education. We also share the idea that the experience of getting to know and help the current students is personally very satisfying.”

Stay in touch!

Contact the Office of Alumni Affairs or send changes and updates to:
UTHSC Office of Alumni Affairs
62 S. Dunlap, Suite 420
Memphis, TN 38163
(901) 448-5516 or (800) 733-0482
(901) 448-5906 fax
utalumni@uthsc.edu

Where would you be without UTHSC?

Gerald Karr, DDS ’74, MS ’76

The Karr Family, shown from left to right: son-in-law Justin Sutter; daughter Dr. Emily Sutter, DDS ’13, MS ’15; son Jonathan Karr; granddaughter Soley Karr; daughter-in-law Rachel Karr; Dr. Gerald and Sandra Karr; daughter Allison Blessen; granddaughter Lily Blessen; and son-in-law Chris Blessen.
2016 Slagle Dental Meeting scheduled

The second Slagle Meeting, formerly the Mid-South Dental Congress, will be held March 3-6, 2016. More information will follow soon, but make plans now to join fellow alumni in Memphis for this event. The meeting is scheduled in conjunction with the annual Alumni Weekend. In its entirety, the weekend consists of continuing education and alumni networking events. In 2015, events were held March 6-8 at the Hilton Memphis, and they marked the 20th anniversary of the congress. To celebrate this benchmark and the accomplished career of one of the most respected UTHSC COD alumni, Dr. William Slagle, the events were renamed the William F. Slagle Dental Meeting. Turn to page 40 to see photos of the scholarship recipients who were recognized, along with many of the scholarship donors, at the 14th annual Scholarship Banquet. As part of the 2015 Slagle Dental Meeting, Dr. W. Mark Tucker, DDS ’96, was recognized as Outstanding Alumnus.

Outstanding Alumnus, Dr. Tucker, was featured in the Winter 2015 issue of Dentistry Magazine. His story is on page 37.

Howerton receives Future Leader Award

On Saturday, June 20, 2015, the American Dental Hygienists’ Association (ADHA) recognized various award winners during the ADHA’s Center for Lifelong Learning at the 92nd Annual Session of the ADHA. Howerton received the Esther Wilkins Future Leader Award. Howerton is a dental hygiene educator, a graduate of the University of Tennessee Health Science Center and the 2014-2015 Tennessee Dental Hygienists’ Association President. More than 2,100 individuals attended the Annual Session. Howerton and the other award winners epitomize the commitment and professionalism of those involved in the field of dental hygiene, and who are dedicated to improving the public’s oral and overall health.

Howerton (on right) shown receiving the award.

Dental ID

By Donna Smith

Forensic dentist and crime novelist, Mike Tabor, DDS, has written a forensic novel called “Walk of Death,” based upon a cold case murder that took more than a decade to solve using dental identification principles. A portion of the novel takes place at Knoxville’s “Body Farm.”

In 1983, Dr. Tabor became chief forensic odontologist of the State of Tennessee Office of the Medical Examiner. Since that time, he has testified in murder trials in three different states, where identification or bite mark analysis has been key evidence in the criminal proceedings.

In 2001, Dr. Tabor assisted the New York Medical Examiner’s Office on two different occasions in the identification of the victims of the World Trade Center terrorist attacks. American Funds Investor magazine writes that Tabor was one of the individuals who helped positively identify the body of James Earl Ray, the assassin of Martin Luther King, Jr., when Ray died in prison in 1998.

In “Walk of Death,” according to his website, www.drmiketabor.com, “Tabor leads readers on a journey that takes them from the world famous Body Farm in Knoxville, to the site of World Trade Center terror attacks and the identification of its nearly 1,000 victims.”

From the Oak Ridger, published March 3, 2015
In Memoriam

Dr. Stacey A. Garner of Pulaski, Tennessee
Class of 1947

UT Outstanding Alumnus Awarded
Dr. Stacey Aymett Garner, passed away at the age of 90 on Dec. 30, 2014.

Dr. Garner served the city of Pulaski and the surrounding communities for 62 years as a dentist, as well as mayor from 1961 to 1990. He was also an alderman, a dental consultant for two nursing homes and Giles County Schools, and served in numerous fraternal organizations. In addition to receiving numerous awards for his professional and community service, Dr. Garner was a long-serving member of the UTHSC COD Alumni Board and remained an emeritus member until the time of his death.

Additionally, he served his country in two branches of the military—the U.S. Navy during World War II and the U.S. Army in the Korean Conflict.

Dr. Garner loved his wife, children, and grandchildren and was an avid traveller.

Dr. Russell Lee Wiener of Memphis, Class of 1945
Dr. Dunklin C. Bowman of Jr., Nashville, Class of 1949
Dr. William O. White of Old Hickory, Tennessee, Class of 1950
Dr. Thomas Edgar Nelson Jr. of Raleigh, North Carolina, Class of 1951
Dr. Tid L. Morris Jr. of Memphis, Class of 1952
Dr. Bert Wilson Wills Jr. of Chattanooga, Class of 1952
Dr. James F. Ward of Rome, Georgia, Class of 1954
Dr. Richard W. Huckaba of McDonough, Georgia, Class of 1956
Dr. Charles E. Hallum of Thompsons Station, Tennessee, Class of 1957
Dr. Robert Q. Ingraham of Collierville, Tennessee, Class of 1957
Dr. William T. Kelley of Chattanooga, Class of 1960
Dr. Edd C. Chittum of High Springs, Florida, Class of 1961
Dr. Phil Jay Levine of Pensacola, Florida, Class of 1962
Dr. William Ray McBroom of Mount Juliet, Tennessee, Class of 1962
Dr. George A. Agett of Kingsport, Tennessee, Class of 1966
Dr. David R. Neal of Memphis, Class of 1983
Dr. Robert H. Burch Jr. of Monticello, Arkansas, Class of 1985

Listing current as of May 1, 2015. Please contact the Office of Alumni Affairs to report any additions or corrections.

Reach new clients with an effective digital strategy.

Great web design is important, but it’s just a small part to your overall digital presence.

• Is your web traffic growing?
• Are you increasing leads through effective calls to action?
• Is your website mobile-friendly?

Is your digital strategy producing results? Let us help.

Reach new clients with a digital strategy that produces results.

Dr. Kyle Fagala drives business success through digital marketing.

“First comes Speak to my needs, then Neuromorphic and finally before opening my Paleo, 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 helped our SEO efforts have made a huge impact on our business and is the backbone of our marketing efforts. We are so thankful!”

Dr. Kyle Fagala, 106 W. 9th
Carolyn Getz Orthodontic • cgetz@ortho.care
Choose UTHSC COD for CE!

Register now for these 2015 continuing education opportunities.

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

SEPTEMBER

September 7-11 .......................... Annual End-of-Summer Meeting in Destin, Florida
September 9-12 .......................... Sleep-Related Breathing Disorders and Craniofacial Pain (Session 1)
September 18-19 .......................... Administering Nitrous Oxide-Oxygen for the Dental Hygienist
September 19 ............................ Monitoring Nitrous Oxide-Oxygen for the Dental Assistant

OCTOBER

October 2 ................................. 9th Annual J. Joe Littlejohn Lectureship on Implants
October 8 ................................. Four-Day Western Caribbean Cruise
October 9-10 ............................. Sleep-Related Breathing Disorders and Craniofacial Pain (Session 2)
October 11-12 ............................ Sleep-Related Breathing Disorders and Craniofacial Pain (Session 3)
October 12 ................................. Special cruise offering for dental hygienists and assistants!
October 17 ............................... General Practice Dentistry First Annual Symposium

NOVEMBER

November 20-21 .......................... Sleep-Related Breathing Disorders and Craniofacial Pain (Session 3)
November 22-23 .......................... Motor Nerve Reflex Testing

DECEMBER

December 4 .............................. OSHA
December 4 .............................. Chemical Dependency
December 5-6 ............................. Coronal Polishing in Nashville
December 8 .............................. Certification in Sealant Application for the Dental Assistant
December 15-16 .......................... Administration of Local Anesthesia

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

Stay in the know! Like us on Facebook at the University of Tennessee Continuing Dental Education.

Like us on Facebook at the University of Tennessee Continuing Dental Education.

Use this QR code to take you to the webpage.

Sign up to join our special UTHSC College of Dentistry Continuing Education email list at http://www. uthsc.edu/dentistry/CE/announcements/signup.php. The QR code will take you to the site.

Rogers’ Dental Lab proudly supports the University of Tennessee College of Dentistry. We understand the hard work students put into their studies to become excellent dentists and provide a quality service to our community. To show our appreciation, we offer a 10% discount to all UT graduating dentists for their first year in practice. Simply send us a copy of your diploma and start saving!

Rogers’ offers a variety of practice support services and quality restorations backed by experienced technicians.

- Full service Lab
- High level customer service
- In office lunch and learns with CE credit
- CE Seminars on valuable topics
- Chairside services
- State-of-the-art Technology and digital dentistry
- Implant Specialty services
- Quality triple check on all products
- Chairs and delivery to many areas within TN

2407 Dansco Drive | Athens, TN 37303 | 800.278.6046 | rogersfamilylab.com

The University of Tennessee Health Science Center

Dentistry - Summer 2015

Change of command

Armed with strategic operations experience gained during the 30 years spent in the U.S. Navy, and mentored by Dean Emeritus William F. Slagle, James C. Ragin, DDS, MS, PhD, has been named director of Continuing Dental Education by UTHSC COD Dean Timothy Hottel.

Dr. Ragin, who graduated from the College of Dentistry in 1984, has been an active member of the UT College of Dentistry Alumni Association for the past 11 years, and served as its president in 2013. He was a member of the Slagle Dental Meeting (formerly Mid-South Dental Congress) program committee that was chaired by Dean Slagle. After Dean Slagle expressed an interest in taking a less active role, Dr. Ragin was elected to chair this committee.

After being named program chair for the Slagle Meeting, it was a logical extension for Dr. Ragin to work with programing for the Annual End-of-Summer Meeting held in Destin, Florida.

As director, Dr. Ragin will work with these two continuing education cornerstones as well as the college’s year-round continuing education program. Going forward, he has two objectives. The first is to continue to attract and provide top-notch speakers and programming for the Slagle and End-of-Summer meetings. “We have a great tradition, a great committee and a great staff,” he said.

Second, he hopes to make continuing education more accessible. One way will be to offer continuing education programs to the college’s new satellite clinics in Union City and Bristol, Tennessee. “I think this will be particularly attractive to dentists in the region who may not be able to travel so far to attend our larger meetings,” he said. He also hopes to develop webinars and online training opportunities.

“As a professional, your education is just starting with commencement. For any professional, you must be involved in lifelong learning. For me, continuing education has been a huge part of my life and practice. I wanted to be the best dentist I could be. I wanted to stay on top of the technology and the science of the day.”

He added, “Everything is coming together for me at the school I love.”

Dr. Ragin, who earned his bachelor’s at UT Knoxville, will continue to work with students as associate professor in the Department of Restorative Dentistry. He may be contacted at jragin@uthsc.edu or (901) 448-5386.
Dental students first practice their newly learned clinical skills on one another. Student news starts on page 14.

Register now for Golden Graduate Homecoming being held on October 14-16! See page 46 for details.