

CASE WESTERN RESERVE UNIVERSITY

SCHOOL OF

DENTAL MEDICINE

SPRING 2015 | VOLUME 15 | ISSUE 1

Health Education
Campus **changing the
face** of dental education



SCHOOL OF DENTAL MEDICINE
CASE WESTERN RESERVE
UNIVERSITY

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Alumni and Friends,

As I have settled into my new role as dean at the Case Western Reserve University School of Dental Medicine, I have found a theme in all of the good work each of us is doing—collaboration. I see it and feel it every day in our clinics, our classrooms and my interactions with alumni and the community.

Collaboration is especially important as we prepare to start another incredibly busy academic year. In addition to our work in educating our students, treating our patients and conducting cutting-edge research, we are preparing for our school's accreditation, implementing our recently completed strategic plan and continuing preparations for our move to the new Health Education Campus.

Our school's accreditation, which occurs every seven years, involves a thorough review by a committee of our academic peers. Preparing for the accreditation site visit, which will take place in October 2016, is an all-encompassing, multi-year task that involves every member of our faculty and staff and requires an incredible amount of teamwork. It's a welcome opportunity to examine our curriculum, our clinics and all of our programs. I believe that taking a deep look inward is always beneficial and undoubtedly makes an organization stronger. I am so thankful for the dedication and commitment shown by our team as they continue their preparations.

With the completion of the university's strategic plan, *Thinking Beyond the Possible*, the dental school, along with the other professional schools, looked at our own plans in order to better align our priorities with those of the university. To do this, we formed a strategic planning steering committee, talked with our key stakeholders and held a series of open meetings with our faculty, staff, alumni and the community. Using all of this rich data garnered through a truly collaborative process, we finalized our strategic plan, which was approved this past fall by our faculty.

This planning process has helped clarify our aspirations for the school. I am encouraged by the work that has been done and am embracing what needs to be done. We are fortunate to be able to build upon a foundation of sound practices and procedures. I believe that the best results occur when you have the opportunity to enhance already proven methodologies and systems, as well as create new ones. And I'm encouraged by

how we will be able to utilize strong metrics to guide our decision making as we move forward. We are gathering solid data that will help us develop the right action plans for a better and stronger School of Dental Medicine.

Plans for the exciting new Health Education Campus are continuing to move forward. You'll find more details in the pages of this publication about how interprofessional learning will be enhanced by state-of-the-art technology, facilities and infrastructure. You'll continue to receive updated information and news on the campus as the plans unfold. I am proud to report that the ongoing theme of collaboration is alive and well among the schools and academic departments that will be part of this remarkable project.

This collaborative spirit will benefit us as we forge ahead in a very competitive landscape. The competition for top students, faculty and patients will continue to intensify. We are in a position to distance ourselves from our competitors, not only because of our upcoming move to a new, state-of-the-art facility, but because of the quality of our programs and our people. If we continue to work together within this exceptional university, and beyond, I have no doubt that we will emerge stronger than ever.

Your involvement in all that we are doing is paramount to our success. We are blessed with engaged, talented and dedicated alumni—truly the best of the best. The most important thing we can do to keep our school strong is to continue to attract top-notch students and recruit and retain extraordinary faculty and staff. To do this, we need your continued support, input and involvement.

I am both humbled and awed by the incredible work that is being done at our school. Whether it's as an engaged alumnus helping us to recruit the best and brightest students, a supporter who understands the value of our commitment to serving the community, a faculty member going above and beyond to educate our next generation of dentists, or a student who takes the time to help a fellow colleague, these remarkable acts of teamwork are the foundation of our school. It is truly an honor to work with each and every one of you, and to witness daily the spirit of collaboration that will continue to guide us as we move forward.



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Bringing Smiles to Children



Amberlee Taylor, DMD '08, '09, '12; Dan Gindi, DMD '01; Ron Occhionero, DDS '61, associate dean for administration; and Kenneth Chance, DDS '79, dean, with some of the day's smiling young patients.

Greater Cleveland Dental Society and CWRU School of Dental Medicine Give Kids A Smile Day

According to the Centers for Disease Control, nearly one in four children under the age of five already has cavities. Through the ADA Foundation's Give Kids A Smile program, more than five million underserved children have received free oral health services. These services are provided by approximately 10,000 dentists annually, along with 30,000 other dental team members.

In Cleveland, the Greater Cleveland Dental Society (GCDS) and CWRU School of Dental Medicine Give Kids A Smile Day is in its 13th year of existence. Tom Kelly, DDS '89, has chaired the event for 12 of those years. "We are extremely proud to be one of the premiere sites in the country for this program," he says. This year's event was co-chaired by Amberlee Taylor, DMD '08, '09, '12 and Dan Gindi, DMD '01.

Held the first Friday of each February, which is children's dental health month, the Cleveland program is a partnership between GCDS, the dental school, sponsors and the Cleveland Metropolitan School District. The program is completely dependent on dentists from the GCDS, who volunteer their time, along with CWRU dental students. On average, the program provides care to 300 children each year. "This year, we provided more than \$50,000 worth of dental care on one day," Dr. Kelly states.

The care, which encompasses dental exams, cleaning, x-rays, fluoride treatments, sealants and patient education, is provided for free for all children who participate. "In some cases, where consent

"If we can help educate kids, their parents and guardians about the importance of dental health, we can help prevent problems later."

— Tom Kelly, DDS '89

is provided, we provide fillings and extractions," Dr. Kelly says. "For many of these kids, this is their first interaction with a dental health provider.

"The dental school has been wonderful," Dr. Kelly says. "From providing us with clinical space to allowing students to participate, we could not do this without the support of the school."

He adds that donations from dental suppliers and sponsors are also essential to the program's success. "We provide toothbrushes and toothpaste for the children and are able to provide lunch for the dental students, thanks to our sponsors," he says.

Dr. Kelly points out that while Give Kids A Smile day is a great way for dentists to give something back to the community and help kids in need, it is also a way to bring attention to "the number one unmet healthcare need among children in Ohio." He explains that dental disease and cavities among children can lead to many serious problems, including health and nutritional issues. "Major medical problems can evolve from lack of good dental care at an early age," Dr. Kelly says. "If we can help educate kids, their parents and guardians about the importance of dental health, we can help prevent problems later." Each child who participates receives a report card based on their treatment. A copy of the report card is also mailed to each child's parent or guardian.

To help educate the community about the issue of providing dental health to children, area legislators and media are invited. The organizers work hard to create a fun and welcoming atmosphere for the young patients. ■

Dental Groups Visit Campus

Earlier this year, the leadership members of the American Dental Association, the Ohio Dental Association and the American Dental Education Association visited the School of Dental Medicine to further their interest in increasing direct communication and interaction with dental schools. According to former dean Jerry Goldberg, "These groups are eager to let the dental school know about resources that are available to benefit our institution. They were also very excited to learn about our community outreach programs, research efforts and interprofessional education initiatives."

Adds Dean Kenneth Chance, "We are so pleased that the leadership of these groups has shown a high degree of interest in and commitment to our programs and we look forward to continuing this dialogue."



Dr. Chris Connell, president-elect, ODA; Dr. Joseph Crowley, ADA Seventh District trustee; Dr. Thomas Paumier, president, ODA; Dr. Kenneth Chance, dean; Dr. Kathleey O'Loughlin, executive director, ADA; Dr. Ronald Occhionero, associate dean for administration; David Owsiany, executive director, ODA; Dr. Ronald Lemmo, treasurer, ADA; and Dr. Paul Casamassimo, immediate past president, ODA

Henry Schein CEO Asks "Why Not?"

Stanley M. Bergman, Chairman of the Board and Chief Executive Officer of Henry Schein, Inc., the world's largest provider of health care products and services to office-based dental, animal health and medical practitioners, challenged this year's dental school graduates to advance their careers by boldly asking the question: "Why not?"

In his address, Bergman explored a range of professional, educational and social responsibility issues by encouraging the graduates to let the question "Why not?" serve as a view on life and as a guide for their careers. "Why not choose a relatively traditional path and become a general dentist in a contemporary technology-driven practice? Why not consider specialty training, which will be in great demand with the

aging baby boomer population? Why not join a dental support organization, a large group practice, or a corporately-owned multi-site practice that is based on delivering quality care? Why not pursue a career in research or academia? Or why not earn a degree in public health or an MBA, which would help you master the emerging health care structures in the wake of the Affordable Care Act?"

In offering advice to our graduating dental students, Bergman also stressed the importance of being a leader in advancing oral health, wellness and prevention; in embracing interprofessional practices and the growing importance of oral health as an integral part of primary care; in adopting new oral health technology; and in promoting social responsibility by using their professional skills to give back to those in need.

During the university's commencement ceremony held earlier in the day on May 17, Bergman was awarded an honorary Doctor of Humane Letters degree. There, he was recognized for his inspirational leadership; commitment to social responsibility through Henry Schein Cares, the company's global corporate social responsibility program; and for advancing the corporate and personal ideal of giving back to communities across the globe.

The School of Dental Medicine and Henry Schein, Inc. have held a long, mutually-supportive relationship over the years and Henry Schein has continued its extraordinary generosity to the school by becoming a lead donor in the campaign to build the new Health Education Campus.



President Snyder, Dr. Bergman and Dr. Chance

Students Present Research and Gain Networking Opportunity

Each year, dental students at the School of Dental Medicine have an opportunity to present their own research and connect with faculty, alumni and industry representatives. This annual event is a day dedicated to dental students' involvement in the many facets of their chosen professions. The 35th annual Professionals Day was held on March 26.

Keynote speaker for this year's event was Jack Ferracane, PhD, professor and chair of restorative dentistry and division director of biomaterials and biomechanics at the Oregon Health & Science University in Portland. Dr. Ferracane's research interests focus on developing new monomer for enhanced dental composites and the use of bioactive glasses in resin-based dental materials. He shared information about white tooth restoration and advancements in research and materials, including those that can repair themselves.

According to Ronald Occhionero, DDS '61, chairman of the Professionals Day committee, the student presentations were outstanding. He noted that clinical research and public health topics have increased in recent years. ■



2015 Award Winners

The 2015 winners were:

First Honors

First Poster Award: SCADA Award for Table Clinic Presentations

Andrew Wirtz, Dental Public Health Class of 2015
"Adolescent and Young Adult Intake and Attitudes Concerning Sugared Beverages"

Mentor: Catherine Demko '02, Community Dentistry

First Podium Award: Guenther M. Hans Award for Presentations from Platform

Christian Nguyen, Class of 2017
"New Protocol of Hounsfield Unit Measurement for Primary Implant Stability"

Mentors: Russell Wang, Comprehensive Care; Steven J. Eppell '91, Biomedical Engineering

Second Award: OKU

John Selph, Class of 2017
"Survey of Flipped Classrooms at North American Dental Schools"

Mentors: Jean Iannadrea '87, Comprehensive Care & OMMDS; T. Roma Jasinevicius '74, '76, Comprehensive Care

Second Honors: Basic, Clinical, or Community Science Presentation Award

Samuel Cohen, Class of 2017

"Identification of Innate Receptor Proteins in Regulatory T Cells of Oral Mucosa"

Mentor: Pushpa Pandiyan, Biological Sciences

Vibeke K. Nygaard Award

Alissa Hoku Brewer, Class of 2017

Dr. Nabil Bissada Graduate Student Award

Best table clinic or poster presentation by a graduate student

First Award:

Jarid Burley, Endodontics, Class of 2015
"The Effect of Human B-defensin-2 on the Expression of DSPP mRNA in an Odontoblast Cell Line: A Pilot Study"

Second Award:

Galen Geraets, Endodontics, Class of 2016
"Quantitative Analysis of LL-37 in the Inflamed Pulp: A Comparative Study"

CWRU dental survey finds **dental anxiety** leads cause for moderate sedation

Dental anxiety can be so extreme for some patients that a simple cotton swab on the gums makes them flinch. And others, fearful of pain, simply avoid seeing the dentist, according to a new study by Case Western Reserve University dental researchers on when and how to use sedatives during dental procedures.

As a result, dentistry is responding with sedation techniques to make fearful and anxious patients more comfortable.

For a master's thesis in endodontics, Madhavi Setty, DDS, MSD, set out to understand how dental specialties such as endodontics for root canals, periodontics to treat gum disease and oral surgery for extractions and corrective surgeries used moderate sedations in their different specialties.

Moderate sedation allows the patient to remain conscious by suppressing the brain's responses to pain and stress while still being able to communicate with the dentist. The three dental specialties reported using moderate sedation in conjunction with local anesthesia in order to control anxiety and pain.

Dr. Setty's findings were reported in the *Journal of Endodontics* article: "An Analysis of Moderate Sedation Protocols Used in Dental Specialty Programs: A Retrospective Observational Study."

Thomas A. Montagnese, DDS, MS, assistant professor in the Department of Endodontics, is the study's corresponding author and Dr. Setty's thesis advisor. Other contributing authors are: Anita Aminoshariae, DDS, MS, assistant professor, and André Mickel, DDS, MSD, professor and chair of the Department of Endodontics, and Dale Baur, DDS, professor and chair of the Department of Oral and Maxillofacial Surgery. The faculty members were on Dr. Setty's thesis committee.

The findings came from a retrospective study of 84 patients, who received care and moderate sedation during a visit to Case Western Reserve's dental clinics in endodontics, periodontics and oral surgery graduate programs between 2010 and 2012.

The study also looked at each patient's age, sex and existing medical conditions, like high blood pressure, heart trouble or diabetes, that require consideration during treatments. Patients ranged in age from age eight to 88; their average age was 45. Most (63 percent) were women.

Researchers found moderate sedation was primarily used to calm anxiety in more than half of the patients (54 percent), followed by



Candace DeVeaux, DDS, resident, and Thomas A. Montagnese, DDS, MS, assistant professor

fear of needles (15 percent), local anesthesia failures (15 percent) and severe gag reflex and claustrophobia from the rubber dam (both 8 percent).

While moderate sedation helps to calm anxious patients, the catch is that not all endodontists are qualified to administer it. The procedure is not generally taught in most graduate endodontic programs, Dr. Montagnese says.

The Department of Endodontics introduced training for moderate sedation into its curriculum last year. The study provides a guideline to when it's best to use moderate sedation, Dr. Montagnese says.

Dr. Montagnese explains that endodontic training follows rules and regulations set by the Ohio State Dental Board, and the American Dental Association Guidelines for the Use of General Anesthesia and Sedation by Dentist Guidelines to meet the requirements necessary to qualify for certification to administer moderate sedation.

The ability to use moderate sedation allows endodontists more options for patient care—especially for those anxious and fearful of pain. ■

Dr. Suchitra Nelson to lead major study on **ORAL HEALTH IN CHILDREN**

Dental researchers hope to vastly improve oral health in children by countering a common misperception that dental care for baby teeth isn't important because they fall out anyway.



Researchers at Case Western Reserve University School of Dental Medicine and the University of Washington Northwest Center to Reduce Oral Health Disparities in Seattle plan to launch and test this fall a behavioral intervention to change what parents and caregivers believe about the importance of keeping baby teeth cavity-free. They hope the effort encourages parents and caregivers to seek dental care for their children.

Suchitra Nelson, PhD, professor of Community Dentistry, will lead a \$1.6 million, two-and-a-half-year study, "Family Intervention with Caregivers of Children with Dental Needs," funded by the National Institute of Dental and Craniofacial Research.

The researchers will design a new referral letter and educational materials and review whether those resources inspire 660 parents and caregivers recruited for the study to keep their children's teeth healthy.

"We hope to develop a model that others can use to change caregivers' perceptions and improve the oral health of children."

— Suchitra Nelson, PhD



The goal: to find a new way to overcome misperceptions caregivers of children from kindergarten to fourth grade have about baby teeth and the need for general dental care. The researchers ultimately hope to improve the oral health of children nationally. "We have an opportunity to change the public health standard of practice with this new referral letter and educational materials," Dr. Nelson says.

The study is a response to the federal Healthy People 2020, an initiative to close the gap in access to health care for minorities and the poor. Dr. Nelson says tooth decay is increasing for impoverished children between ages two and 11.

Researchers will recruit caregivers of children with tooth decay who need professional dental care. With consent from caregivers, the children will be rescreened seven months into the study to track whether dental care was sought to fix the tooth decay.

Many parents mistakenly believe that, because baby teeth simply fall out, there's no need for children to visit the dentist until they have permanent teeth, Dr. Nelson says. But baby teeth with decay can infect emerging permanent teeth, resulting in the need for a filling or extraction.

The need for a new kind of intervention emerged from a four-year study of 562 children from elementary schools in East Cleveland, a Cleveland suburb.

In that study, funded by the Health Resources and Services Administration, the children received initial dental exams—the results of which were given to their parents. Parents of children who needed dental care were referred to local dentists.

But only one in five parents notified that their child needed dental care responded, says Dr. Nelson. She concluded that caregiver-level interventions were needed to address misperceptions and to give adequate information about resources to help them seek dental care for their child. Dr. Nelson and her team hope to change that.

She is working on the new approach with Gerald Ferretti, DDS, MS, MPH, chair of the Department of Pediatric Dentistry; Jeffrey Albert, professor in the department of Epidemiology and Biostatistics at the School of Medicine; Wonik Lee, assistant professor of Community Dentistry; Peter Milgrom, professor of Dental Public Health Sciences and Pediatric Dentistry at the University of Washington's School of Dentistry; and Christine Riedy, lecturer at the Harvard School of Dental Medicine.

They will develop and test a new letter and a dental guide for parents and caregivers that focus on dispelling childhood dental myths. The materials will be sent to the study's participants, who have children in elementary schools in East Cleveland and in the state of Washington.

The researchers will draw from emerging illness perception research, using theoretical framework of the "Common Sense Model of Self-Regulation." That approach investigates concepts, such as identity, consequences, controllability, cause, timeline and emotional representation, of tooth decay.

Caregivers will answer questionnaires three times during the first year of the study to see if the letter and guide had positively changed misperceptions about oral health. "We hope to develop a model that others can use to change caregivers' perceptions and improve the oral health of children," Dr. Nelson says. ■

Bone-loss score may tip off doctors to gum disease in postmenopausal women

Postmenopausal women susceptible to bone fractures may also be at higher risk for gum disease, according to researchers at Case Western Reserve University School of Dental Medicine and Case/Cleveland Clinic Postmenopausal Health Collaboration (CCCPOHC).

Researchers found a link between postmenopausal women with high scores on a Fracture Assessment Risk Tool (known as FRAX), and symptoms of severe gum disease, says Leena Palomo, DDS, MSD, associate professor of Periodontics and director of DMD Periodontics. "More investigations are needed," she says, "but the FRAX Tool score can potentially be used as a way to find women at risk for gum disease."

Dr. Palomo, along with Holly L. Thacker, MD, NCMP, FACP, at Cleveland Clinic's Women's Health Institute; Foluke Alli, MD, NCMP, at Cleveland Clinic; and Gazabpreet K. Bandal, DDS, in the Case Western Reserve Periodontics department, reported their findings in the *Menopause* article, "Can the FRAX Tool Be a Useful Aid for Clinicians to Refer Patients for Periodontal Care?"

Women can suffer a rapid spike in bone loss in the first decade after the onset of menopause as estrogen levels drop. Lower estrogen levels also impact the mouth and cause inflammatory changes in the body that can lead to gingivitis, a precursor to gum disease, Dr. Palomo says. If untreated, the result is tooth loss.

Knowing how bone loss occurs throughout the body in menopause, the researchers also were interested in the oral-physical connections. They set out to find a way for doctors to identify women at risk for both gum disease and osteoporosis. They tested the hypothesis that women at risk for bone fractures might also be at risk for gum disease.

Researchers found that women with high FRAX scores also showed the strongest signs of gum disease, a result that suggests bone-loss scores could provide a reliable indicator of gum disease.

But there's a drawback: "Medical insurance does not cover dental procedures," Dr. Palomo says, calling for a change in health insurance policies to cover gum disease because it's linked to a woman's overall health. ■

CWRU researchers discover byproducts from bacteria in gum disease can awaken dormant T-cells and HIV viruses

Dental and medical researchers from Case Western Reserve University found another reason to treat periodontal disease as soon as possible. They discovered that byproducts of bacteria in gum disease, called metabolic small chain fatty acid (SCFA), can work together to wake up HIV in dormant T-cells and cause the virus to replicate. Their findings help explain why people with the HIV -infections and periodontal disease have higher levels of the virus in their saliva than HIV patients with healthy gums.

The researchers speculate that byproducts from other bacteria infections in other diseases might change gene expression using similar mechanisms. For dental patients with HIV, their findings further support how important it is to treat bacterial infections in gum disease early.

This interaction by SCFA and T-cells surprised co-investigators Fengchun Ye, assistant professor of Biological Sciences, and Jonathan Karn, director of the Center for AIDS Research and professor and chair of the Department of Molecular Biology and Microbiology at Case Western Reserve's medical school.

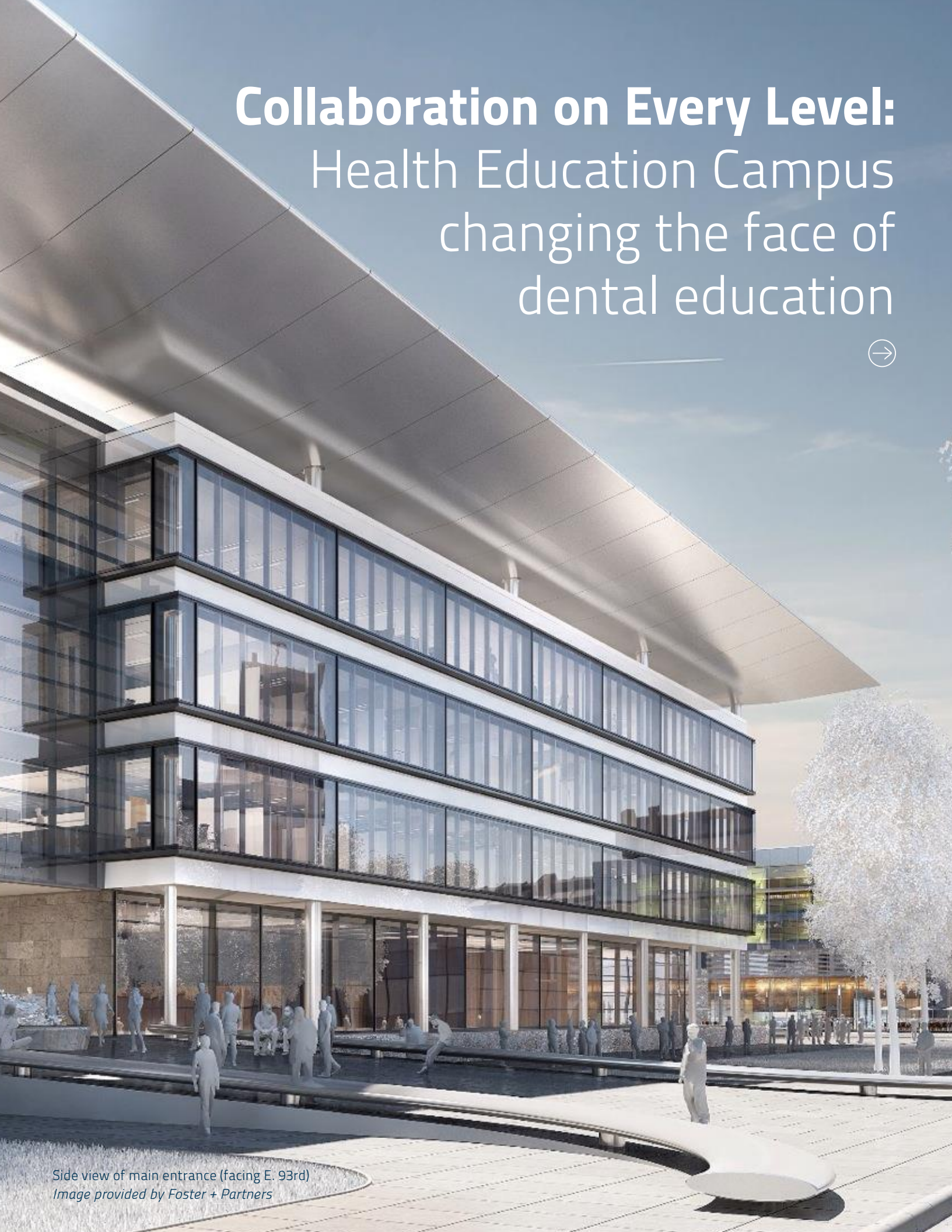
Their findings are described in the article, "Short chain fatty acids

potently induce latent HIV-1 in T-cells by activating P-TEFb and multiple histone modifications," published in January 2015 in the journal *Virology* (Das B, et al. *Virology*. 2015 Jan 1;474:65-81. doi: 10.1016/j.virol.2014.10.033. Epub 2014 Nov 14).

The interaction between gum disease and HIV and five byproducts from two prevalent oral bacteria are involved in activating resting immune T-cells carrying latent HIV-1 virus. This process acts much like the jumper cables attached to a live battery recharging a dead one to get it running again, according the researchers. Dr. Ye explains that all humans have a reservoir of resting T-cells that wake up and respond to inflammation to ward off an infection in the body.

Also contributing to the study were CWRU researchers: Biswajit Das and Curtis Dobrowolski, from the Department of Molecular Biology and Microbiology; Abdel-Malek Shahir and Nabil Bissada, from the Department of Periodontics; and Zhimin Feng, Xiaolan Yu, and Jinfeng Sha and Aaron Weinberg from the Department of Biological Sciences. The National Institute of Dental and Craniofacial Research (R56DE023912) and CWRU's Center for AIDS Research supported the study. ■

Collaboration on Every Level: Health Education Campus changing the face of dental education



Side view of main entrance (facing E. 93rd)
Image provided by Foster + Partners

Interior Courtyard – northwest view
Image provided by Foster + Partners



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ollaboration is defined as something created by working jointly with another or others. At the Case Western Reserve University School of Dental Medicine, collaboration goes beyond this definition—it is a building block of the curriculum, the training and the patient care. Now, the School of Dental Medicine will have the opportunity to

participate in a transformational elevation of the concept of collaboration as plans for the new Health Education Campus, a comprehensive health education building that will house the schools of dental medicine, medicine and nursing, continue to develop.

In the fall of 2014, the university and Cleveland Clinic announced that they had expanded the original vision of the project to include dental and nursing students. The initial plans were to involve only the two tracks of Case Western Reserve's School of Medicine, the university program and the Cleveland Clinic Lerner College of Medicine. Those involved in planning the new structure began to realize that the synergies created by the shared space could increase exponentially with the involvement of the dental and nursing programs. This collaborative approach gives the university an unprecedented opportunity to impact how health care workers are trained and ultimately to impact patient care. Today, plans for the 485,000 square-foot, state-of-the-art Health Education Campus are well underway.

"Collaboration among the professions is the key to improving health care in the 21st century," says Kenneth Chance, DDS '79, dean of the School of Dental Medicine. "This project gives us an extraordinary opportunity to provide all of our students the kinds of experiences that will allow them to excel in this rapidly evolving landscape."

An Environment Inspired by Teamwork

Designed by world-renowned architects Foster + Partners of London, the Health Education Campus will stand on an 11-acre

parcel located between Euclid and Chester avenues and East 93rd and East 100th streets. Enrollment among the dental, medical and nursing programs, as well as a proposed new physician assistant's program, is expected to be about 2,300.

"We have to start training people when they enter the health professions to work together," says Pamela B. Davis, MD, PhD, dean of the School of Medicine and the university's senior vice president for medical affairs. "We have the opportunity in a common building with a common goal to make that happen. This campus is alive with possibilities in educating the next generation to make patients healthier."

The new building is designed to encourage interaction among all students, not only in classrooms, but in common areas as well. "Learning together in a formal setting is certainly beneficial," says Dr. Chance. "But the opportunities to interact on an informal, personal level—to rub shoulders with one another—can be equally as impactful." Ultimately, he explains, students will graduate with a deeper understanding of the role of each member within the team and a richer appreciation for how health care teams can function at their best. "The overall goal is to improve outcomes for patients," he says.

The Health Education Campus will feature shared technology resources, including simulation labs and a virtually paperless learning environment. Preliminary discussions around cutting-edge technologies such as artificial intelligence systems are underway as well. These technologies can help train students to identify, evaluate and analyze patient symptoms.

The design of the learning spaces within the campus will provide the dental school with space dedicated to problem-based learning, which is a fundamental component of the curriculum. "The physical facility will be designed to encourage innovation and will allow for flexibility in our educators' approaches," Dr. Chance says.

Interprofessional Education Expansion

"The way we educate healthcare professionals is like a football team that hasn't ever practiced together, yet they're expected to play at Super Bowl Sunday," says Mary E. Kerr, PhD, RN, FAAN, dean of the Frances Payne Bolton School of Nursing. "This project provides exceptional opportunities for students from across the healthcare spectrum to interact and learn from one another in settings that mirror their professional lives after graduation."

Interprofessional education (IPE) has been a primary part of the dental school curriculum for many years. "The groundwork for the expansion of IPE opportunities has been laid and we are very excited about the possibilities the new Health Education Campus will bring," says Kristin Victoroff, DDS, PhD, associate dean for education at the School of Dental Medicine.

The seeds of IPE were planted many years ago. "We knew that engaging the faculty in the concept of IPE would enhance our curriculum. Our faculty and staff have fully embraced the concept," says former dean Jerold Goldberg, DDS '70. "The new campus is completely in synch with our school's long-range plan that includes expansion of IPE."

Dr. Victoroff points to the school's CHOMP program as an example of how the school has embraced opportunities for collaborative learning. CHOMP is an acronym for the Collaborative Home for Oral Health, Medical Review and Health Promotion. It brings together the health science professions of nursing and dental medicine in working and learning situations. Dental and nurse practitioner students work in pairs to provide care to dental patients. Patients receive oral exams and health screenings for cholesterol, glucose, blood pressure, and red and white blood cell counts. Dr. Victoroff points out that this type of collaborative learning and patient care will expand significantly within the new Health Education Campus.

"Our curriculum is designed to encourage our students to learn about health as a whole. The more opportunities we can create for IPE, the more our students can appreciate their own role as an integral part of the health care team, as well as the roles of the other members of the team," Dr. Victoroff says.

Another example of IPE within the dental school is the Family First program. This program, which is funded by a grant from Health Resources and Services Administration, is designed to improve access to health care. "We recruit families from underserved neighborhoods in Greater Cleveland," explains Sena Narendran, PhD, associate professor, Community Dentistry. "Our goal is to provide care for family members who have at least three generations present, so that in addition to providing care, we can study hereditary and environmental factors that affect dental health," he says.

The Family First program takes an interdisciplinary approach to care, with nutritionists and family medicine physicians involved in both patient care and as educators. "We hope to be viewed as a family dentist for these families," Dr. Narendran explains. He is excited about the possibilities that will be created by the Health Education Campus as it relates to interdisciplinary care and education.

The new Health Education Campus will provide all three schools with a tremendous opportunity to expand IPE programming such as CHOMP and Family First into their health education curricula. The campus will allow the university to set a new standard for collaborative learning, while sharing resources among the dental, medical, nursing and social work programs. The campus won't just result in a more efficient and effective way to utilize resources, it will exemplify the real-world teamwork needed in today's health care teams.



Conference room. Image provided by Foster + Partners

Vision Becomes Reality

Plans for the new Health Education Campus were announced by the university when the dental school was in the midst of its own planning around potential improvements and enhancements to the existing building.

“Our faculty and staff had been working very hard on plans to renovate our existing building to provide better visibility and an improved entrance that would reflect the quality that could be found inside,” says Dr. Goldberg. “When the opportunity presented itself to us to be a part of the new Health Education Campus, we were thrilled to be able to incorporate much of the planning and insight that our team had worked on for more than two years.”

Under Dr. Goldberg’s leadership, much of the initial work in fund raising and design work was completed. Now, with strategic direction provided by Dr. Chance, the work is continuing. “We have a true partnership,” says Dr. Chance. “The work done by Dr. Goldberg and our faculty laid a strong foundation. I’m very excited about moving forward and engaging our alumni, faculty, staff and students in the process.”

Dr. Chance is also grateful for Dr. Goldberg’s continued engagement in the project. “We are fortunate that Dr. Goldberg will continue to assist us with development and curriculum,” he says.

Benefits Beyond Education

The partnership between the professional schools—students, faculty, and staff—will have benefits that expand beyond education. “Working and learning together in one facility will undoubtedly lead to greater collaboration on research. These enhanced interactions can seed ideas that ultimately lead to important and impactful research,” Dr. Victoroff says.

Customer service is another area where collaboration can yield results for both students and patients. According to Dr. Chance, the new campus will provide a tremendous opportunity to improve patient care with expanded and more efficiently designed clinic space. “And while we’ll be able to improve patient care in this new environment, we’ll also have the opportunity to teach our students about customer service,” he says.

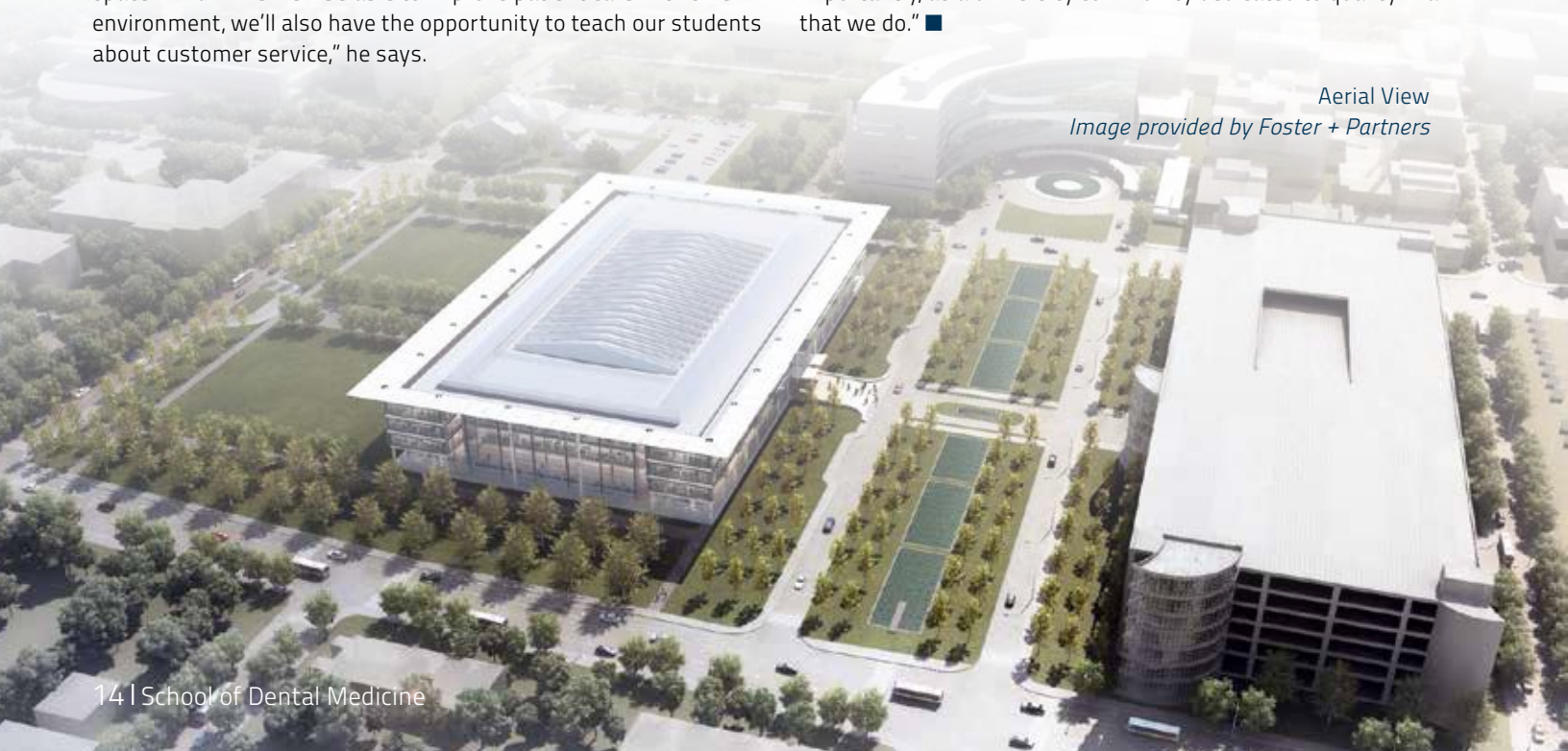
The increased visibility that the new campus offers is another benefit that will yield results. “Our patients will benefit from this better visibility along with the greater ease of access it will offer,” says Dr. Goldberg. He points to the proximity to public transportation and ease of access to the clinic space as part of the building’s ability to positively impact patient experiences.

Recruitment of highly qualified students is expected to benefit from the new campus as well. “There is no doubt that the addition of this new facility to our already highly regarded academic programs will enhance our ability to attract the best and the brightest,” says Dr. Chance. He also points out that once the education programs, along with the dental school’s outpatient clinic, move to the new building, much needed research space will open up on the university’s main campus. Today, many Case Western Reserve health sciences students are learning in converted laboratory space that was never intended for classroom use. According to Dr. Chance, this improved teaching and research space appeals to potential students.

And Dr. Goldberg is equally as excited about how the new building will help define dentistry’s role in the health care arena. “With the expanded opportunities for IPE and a collaborative approach, we have the opportunity to help define dentistry’s extremely practical and vital role in health care,” he says.

Working, teaching and learning in a space that is thoughtfully designed and planned, with the latest technology and teaching tools, can lead to innovation on every level. “The new campus will provide an environment that encourages innovation and drives creativity,” says Dr. Chance. “This is a rare and exciting opportunity to be involved in something that has the potential for improving health science education on all levels, and ultimately to improve patient care.”

Dr. Chance summarizes the project’s impact in this way: “This new health education campus will be an outward symbol of who we are and what we’re about...as practitioners, educators, and most importantly, as a university community dedicated to quality in all that we do.” ■



Aerial View
Image provided by Foster + Partners

Study focuses on LGBT community and dental care

Student benefits from mentorship



William Jacobson, the first Doctor of Dental Medicine-Master of Public Health (DMD-MPH) graduate, recently presented the findings of a study at local and national meetings which showed that members of the lesbian, gay, bisexual or transgender community face financial barriers and discrimination at the dentist. Jacobson received a full scholarship for the MPH portion of the dual degree program through funding from the Health Resources and Services Administration. The DMD-MPH program is the only such dual degree program with funding from external sources.

Under the mentorship of Dr. Sena Narendran, associate professor, Community Dentistry, Jacobson's study has been recognized with several major national awards. He won the American Dental Education Association/Johnson and Johnson Preventive Dentistry Scholarship, the Anthony Westwater Jong Memorial Pre-Professional Community Dental Health award from the Oral Health Section of the American Public Health Association, and second place in the Pre-Doctoral Student Merit award from the American Association of Public Health Dentistry.

Jacobson's study was inspired by his time as an undergraduate at the University of San Francisco, where he was shocked to learn how overrepresented members of the LGBT community are in the United States' homeless population.

"About four percent of Americans identify as LGBT," Jacobson says. "But somewhere between 35 and 40 percent of homeless individuals in major cities identify as LGBT." According to Jacobson, members of the LGBT community often find themselves homeless when they disclose their sexual orientation or gender identity to their families.

With Dr. Narendran's guidance, Jacobson began to formulate his study. Once it was approved, he began distributing questionnaires at LGBT-friendly health centers in Greater Cleveland.

Jacobson received 355 volunteer responses. While the study found LGBT participants visited the dentist slightly more often than the general population, many could not afford dental care. Eight percent of participants reported having experienced discrimination in dental clinics and more feared visiting them for various reasons.

"Transgender-unique issues stood out the most to me," he says. "Transgender participants feared going to the dentist, had experienced the most discrimination, were the least able to afford dental care and had the least-frequent dentist visits in the previous year. Those factors made them the most vulnerable to oral health problems."

Strikingly, some participants who did not face financial barriers to care still avoided going to the dentist. One participant said, "I get

nervous going to doctors or dentists who may not be LGBT-friendly as I am transgender. Dentists rarely advertise that they are LGBT-friendly. I don't go even though I know it's important and I have dental insurance."

Currently, there are only 14 LGBT-designated health centers in the U.S., and only seven of them provide dental services. Jacobson's study also outlines measures that could be taken to improve LGBT members' experience at dental offices locally and nationally, including additional funding to make dental care available at interprofessional clinics like the MetroHealth Pride Clinic in Cleveland, LGBT cultural sensitivity training in dental schools and a revision of the American Dentists Association's non-discriminatory policy to explicitly mention "sexual orientation, perceived sexual orientation, gender identity and gender expression."

Dr. Narendran is extremely proud of Jacobson's work. "He is a very humble, sensitive individual. As a future dental care provider, I am certain he will exhibit these same traits. He understands the patient's needs," Dr. Narendran says.

Jacobson is one of many students who have been mentored by Dr. Narendran. In fact, many of them have won awards for their research. Dr. Narendran does not assign research topics to his students, but encourages them to come up with their own ideas. "As an educator, I encourage them to develop their own leads and ask their own questions to guide their research," he says. "Developing their own research project is an important step in their own growth as a scholar. It's the student's project, not mine. I want to work for them, not have them work for me. They take ownership of their projects."

Jacobson's work exemplified a piece of advice that Dr. Narendran first heard from Rudy Tomjanovich, a former NBA coach, which he shares with all of his students: "be humble and hungry," which epitomizes the innovative thinking and hard work that Dr. Narendran encourages his students to demonstrate. He reminds them to always remain humble. "It will serve them well in their careers and their lives," he says. ■

Going Home and Giving Back

A native of the British Virgin Islands, Lyndon Andrews, who will graduate with his DMD in 2016, dreams of returning to his home to provide dental care and serve his community in any way that he can.

Growing up in Virgin Gorda, Lyndon Andrews was inspired by his father, who started working as a mechanic and ultimately ended up owning his own business. "My father's ambition, willpower and determination have always pushed me to dream big," he says.

A gifted athlete who excelled in track and field in grade school and high school, Andrews also played the steel pan drums and was involved in "Moco Jumbie," or stilt walking. He graduated from high school in 2004 as the valedictorian of his class. He then traveled to the United States to study at Baylor University. He graduated with a BS in Biology in 2009.

His path to dentistry began when he suffered a traumatic accident as a child that resulted in the need for braces to correct a dental issue. This experience sparked his interest in dental medicine. "Dentistry is beautiful and life-changing," he explains. He remembers when his braces were removed and the resulting boost in self-confidence. "I smiled from ear to ear all the time," he says.

Serving others has been a constant in Andrews' life. An active member of his church while growing up, he served as an acolyte throughout his youth. He has completed several mission trips, including a drug and alcohol mission trip to upstate New York in 2010 and a dental and medical mission trip to a small village in Mexico called Tochimizolco. He has also done community service work during his time at Baylor and CWRU through the Student National Dental Association.

"I believe that when much is given, much is expected," Andrews says. He hopes to gain experience in the United States after residency, and ultimately return to the British Virgin Islands to educate the community about the importance of oral health and the effects it has on one's systemic health. "I love to travel and experience different cultures, so I certainly



Students Lance Porteous, Lyndon Andrews, Anthony Kestranek and Robert Caglia.

"Learning about patient management is also a huge highlight because you're dealing with so many different personalities that enter the clinic doors."

– Lyndon Andrews

see myself continuing to do mission trips throughout the world, not just for the people of the Caribbean," he says.

Andrews considers his time at the Case Western Reserve dental school part of his amazing journey. "I am enjoying the ride, but it has not always been easy," Andrews says. His mentor, Dr. Scott Meyers '93, passed away at age 47 this past spring. "He helped me tremendously in the process of preparing for dental school." Andrews also cites the company of his friends and classmates as an important part of his journey.

According to Andrews, the highlight of his dental education has been his clinical experience. "When you spend two arduous years learning didactics and pre-clinical work, you want to put that into action," he says. "The third year has to be the highlight, because you get the gratification of putting what you've learned into practice," he says. "Learning about patient management is also a huge highlight because you're dealing with so many different personalities that enter the clinic doors." ■

Street of Dreams gives students inside view

Sixteen students from the Case Western Reserve University School of Dental Medicine attended the Street of Dreams last November. This program, a collaboration between CWRU, the Ohio Dental Association and the Greater Cleveland Dental Society, gives students the opportunity to tour several dental offices in the Cleveland area to learn about their options for practicing after graduation.

Tom Kelly, DDS '89, and Stuart Katz, DDS '69, led the third and fourth year students on tours of five dental practices, where they learned about different practice models. According to Dr. Katz, they learned about the differences between fee-for-service and insurance driven practices and were able to observe how a group of dentists came together to create a building not only to practice in, but to enhance their financial futures. "They also learned about retaining good staff, designing a contemporary dental office and practice management," he says.

Opening their practices for the students were Ryan Wenger, MSD '98; Jason Schermer, DDS '00; Marius Laniauskas, DDS '80 and Richard Miller '67; William Nemeth DDS '81; and Scott Alperin, DDS '74.

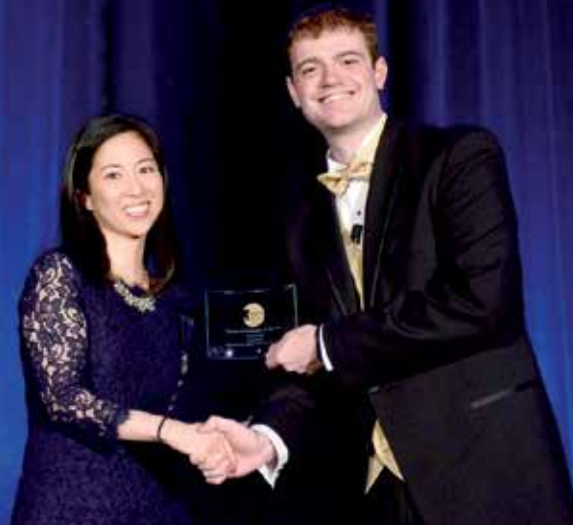


Their offices are located in a single building in Mayfield Heights, Ohio. Kenneth Chance, DDS '79, dean of the dental school, along with members of the Greater Cleveland Dental Society and the CWRU dental school alumni board of directors, joined the students and dentists for a social networking hour after the tour. ■

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Catherine Kim '16 Recognized by ASDA

The American Student Dental Association (ASDA) recently presented its District 6 Delegate of the Year Award to Catherine B. Kim, MS, class of 2016, in recognition of her personal dedication and outstanding achievement on behalf of ASDA and its local chapter members. Kim is the president of the CWRU chapter of ASDA.



Honoring the Class of 2015

On Saturday, May 2, 2015, students, faculty and staff gathered for an elegant dinner to honor the Class of 2015 at Aloft Downtown Cleveland. Many students received recognition for their academic accomplishments and other achievements. Next stop... Commencement – which was held May 17. The next dental school magazine will feature commencement highlights.



SAVE THE DATE

CWRU ASDA's Annual Castellarin Open

Louis P. Castellarin, DDS, was a dedicated member of the faculty for 48 years who passed away in 2012. The ASDA's Annual Castellarin Open is held each year in honor of his memory. Dr. Castellarin was committed to preparing dental students for success, in addition to being an avid golfer.

This year's event will be on **Sunday, August 30, 2015 at Fowler's Mill Golf Course.**

Check-in begins at 12:00 p.m. and a shotgun tee off is at 1:00 p.m. For more information, contact Britni Skoda at bls90@case.edu.



Endodontics Residents **Claim Two Awards** at Annual Meeting



Residents of the Endodontics program competed against their peers from other endodontics programs in North America in research poster, oral research and table clinic categories during the American Association of Endodontists (AAE) Annual Meeting in Seattle in early May. They claimed two of the top 10 places in the poster research category. Congratulations to Caroline Ghattas Ayoub (10th place) and Bernardo Sarmiento (8th place).

A Fond Farewell

Dorothy Caplin, an executive aide to 11 deans and interim deans at Case Western Reserve University School of Dental Medicine since 1972, has touched the lives of students, faculty and people around campus in her four decades of service to the university.

With the arrival of Kenneth Chance, DDS '79, as the dental school's new dean in July, Caplin said the transition offered an ideal time to retire and give Dr. Chance the opportunity to find a replacement as he starts a new chapter in the dental school's history.

"She was in many ways the face of the dental school for generations of students, faculty and staff," says Jerold Goldberg, DDS '70, former dean.

About 100 well-wishers from across campus gathered in the dental school's administrative area to toast Caplin's long career at the university.

Caplin received special messages and greetings from Provost William "Bud" Baeslack —on behalf of President Barbara R. Snyder—to Dr. Chance, who first met Caplin when he began as a student in 1975.

The guest of honor quietly and humbly listened but said few words. Later, confessing that there were so many people to remember, she didn't want to hurt any feelings by leaving someone out.

"Dorothy is an amazingly dedicated, capable, hard-working good person who has been a key player in the success of the school," Dr. Goldberg says. He said he and his wife, Michele, consider her a friend, as do most who know her.

He recalled how Caplin could be relentless in getting a job done, describing that, in 1996, the school had to prepare a major report to its accrediting agency.

"For four-to-five weeks, Dorothy and I spent until as late as 10 p.m. each evening, preparing the hundreds of pages that needed to be submitted. It was not uncommon for me to want to quit at 9 p.m., and she would push me to stay later," Goldberg says.

He smiles as he recalls alumni coming back to visit and mistakenly believing they were coming to see him. "More often than not, they were coming to visit Dorothy," he says.



Roma Jasinevicius, DDS, MEd, '76, associate professor of Dental Medicine, has known Caplin since the 1970s. To commemorate Caplin's time at the school, the dentist, who is also a talented jeweler, created a special necklace that lists all the deans Caplin assisted.

"Dorothy was always sincerely interested in the students, faculty and staff," Dr. Jasinevicius says. She has fond memories of Caplin's interactions with the faculty—sharing places to shop, getting new hires in touch with the best realtors in town and organizing retreats and faculty meetings.

Dr. Jasinevicius humorously recalled how Caplin paid such close attention to the dental school's travel budget. When the school was building its DentSim training center on the second floor, a group visited dental schools in Boston to check out their simulation clinics.

Dr. Jasinevicius remembered how the dean and faculty had hustled to grab the first seats available on a Southwest Airlines flight to Baltimore and then on to Providence. Then, keeping to the allotted funds, Caplin had the group rent a car to travel the rest of the way to Boston.

"It was always about the school first," Dr. Jasinevicius recalls fondly.

And for the many well-wishers who greeted Caplin in the reception line, it was often said, "You'll be missed." ■

Oral and Maxillofacial Medicine and Diagnostic Services Updates

- **Ali Syed**, assistant professor and an oral and maxillofacial radiologist, successfully completed board certification. With this certification, all members of the Department of Oral and Maxillofacial Medicine and Diagnostic Sciences are board certified.
- **Andres Pinto**, chairman and associate professor of Oral Medicine, was awarded the Board (Diplomate) certification by the European Association of Oral Medicine.
- This fall, the department is hosting the meeting of the Eastern Society of Oral and Maxillofacial Pathology, lead by **Tania Jhamb**, assistant professor, Oral and Maxillofacial Pathology and **Stanley Hirsch**, '72, associate professor, Oral and Maxillofacial Pathology. This is the annual meeting of oral and maxillofacial pathology specialists of the north and southeast United States.
- The department was awarded a grant from Amgen Pharma for a study on the natural history of osteonecrosis of the jaw (ONJ) and is currently completing an agreement to participate in a multinational study on the oral effects of Hematopoietic Stem Cell transplantation in children.
- Department members are actively involved in national planning groups to develop Clinical Practice Guidelines for the oral health management of Sjogren disease and oral oncology.

Anna Akkus, assistant professor, Comprehensive Care, recently published two papers on assessment of mineral content in teeth. The first study is focused on the wide-field Raman imaging of the dental lesions, and the follow-up investigation of the healthy human enamel was recently accepted by the *Journal of Oral Health and Preventive Dentistry* for publication.

Leena Palomo, '00, '04, associate professor, Periodontics and director, DMD Periodontics, was appointed chair of the American Academy of Periodontology Education Committee.

Pushpa Pandiyan, assistant professor, Biological Sciences, was selected by the IADR as one of the finalists for the 2015 IADR Joseph Lister Award. She presented her work on immune regulatory cells in oral mucosa at the IADR convention in March in Boston. Additionally, the American Association of Immunologists selected her for the Early Career Faculty award in 2014.

Suparna Mahalaha, '01, '04, and **Nicole Harris**, '01 have taken over the Geriatric Program as of January 2015. They are looking forward to the growth and success of this new aspect of the curriculum.

Renato Roperto, associate professor, Comprehensive Care, is working with **Lisa Lang**, assistant dean of clinical education and chair, Department of Comprehensive Care and **Anna Akkus**, assistant professor, Comprehensive Care, on an exchange program with the University of San Paulo Department of Restorative Dentistry in Brazil. They recently hosted an exchange student who was conducting research in endodontics after finishing her degree.

Sena Narendran, associate professor, Community Dentistry and director, Residency Program in Dental Public Health and DMD/MPH Program, reports that the first cohort of students have graduated from the Dental Public Health Training programs at CWRU.

Faculty and Staff Milestones through December 31, 2014

We can never say thank you enough to the faculty and staff who work hard every day for the school. You have my heartfelt thanks for a job well done. Day after day, you continue to go the extra mile which is a benefit to our students.

— Ken Chance, Dean



40 Years

Jerold Goldberg – Oral Surgery
Stanley Hirsch – Oral Pathology

25 Years

Phillip Aftoora – Student Services

15 Years

Shelly Feiwell – EFDA
Angela Graves – Comprehensive Care
Antonise Harris – Admissions
Tania Markarian – Comprehensive Care
Melody Roscoe – Pediatrics
Kristin Victoroff – Academic Affairs/
Community Dentistry

10 Years

Catherine Demko – Community Dentistry
Victoria Hirsch – Dean's Office/Finance
Andrew Rukovena – Dental Medicine IT

5 Years

Anita Aminoshariae – Endodontics
Sharon Freudenberger – Pediatrics
Elena Furman – Comprehensive Care
Ilene Gertman – Biological Sciences
Kenya Kennedy – Faculty Practice
Thomas Montagnese – Endodontics
Yoav Taub – Comprehensive Care
Tim Whittingham – Biological Sciences

Passion *becomes* Legacy



New Periodontal Clinic to be named in memory of Dr. Oreste D. Zanni

In recognition of his generous gesture designed to educate and inspire, the periodontal clinic at the new Health Education Campus at CWRU will be named in honor of Oreste D. Zanni, DDS '73.

Dr. Zanni passed away suddenly at the age of 66 on July 15, 2013 at the Boston University Henry M. Goldman School of Dental Medicine, where he was a clinical associate professor and clinical director of the advanced specialty program in periodontics. He also had a private practice in periodontics in Methuen, Massachusetts.

A passionate educator, Dr. Zanni made a bequest of \$3 million each to the Case Western Reserve University School of Dental Medicine and the Boston University Henry M. Goldman School of Dental Medicine.

Dr. Zanni's gift comes as no surprise to those who knew him well. "This was a man who valued education tremendously," says Serge Dibart, DMD and chair of Periodontology at the Boston University dental school. "He loved teaching, but also valued his own education and was incredibly grateful for the opportunities he received because of it."

Dr. Dibart, one of Dr. Zanni's closest friends, in addition to being a longtime colleague, says that Dr. Zanni's upbringing was never far from his mind. "Russ came from humble beginnings. His parents were immigrants from Italy who stressed the value of a strong work ethic and honor," he says. "Russ exhibited these qualities every day, whether in his teaching or in his own practice."

A native of Lawrence, Massachusetts, Dr. Zanni received his BA in biology from Merrimack College and decided to continue his education at CWRU. "He placed an enormous value on his education at Case Western Reserve," says Lisa Santos, Dr. Zanni's dental assistant for almost 17 years. "He was proud of his education and his alma mater and was so grateful for what both had allowed him to achieve."

Dr. Zanni developed a strong relationship with his patients in his periodontal practice. "His patients loved him, and he loved them," Santos says. "He took the time to get to know them, always asking about their families and even their pets."

Teaching took on a greater role in Dr. Zanni's life when his wife, Paula, whom he met in kindergarten, passed away in 2007. "After Paula died, Russ increased his teaching to two full days each week," Dr. Dibart says. "He quickly became a beloved and respected teacher and was recognized twice by his students and colleagues with outstanding teacher awards." Dr. Dibart notes that Dr. Zanni's students even served as pallbearers at his funeral service.

Nabil Bissada, DDS, MSD and chair of the Department of Periodontics at CWRU, knew Dr. Zanni during his time as a student in the dental school. Recently, they worked together on various committees of the American Academy of Periodontology. "We shared a common love of our specialty," Dr. Bissada says. "Russ was very excited about periodontal research focused on the link between gum disease and other medical conditions. Many of our conversations involved our shared interest in finding talented educators who will lead the next generation of periodontists in continuing this research."

"He loved teaching, but also valued his own education and was incredibly grateful for the opportunities he received because of it."



Dr. Zanni as a dental student at CWRU.

In recognition of Dr. Zanni's generous contribution to the school, the Periodontal Clinic in the new Health Education Campus will be named in his memory. "This gift will allow us to better understand the significance of periodontal disease and its impact on and relationship to the whole body," Dr. Bissada says. "It will allow us to expand our clinical services to the community and build upon the interdisciplinary approach to research and patient care."

"We are grateful to Dr. Zanni's vision and commitment to both patients and students and for his generosity to his alma mater," said CWRU President Barbara R. Snyder. "His gift will allow us to continue to advance periodontal research and teaching. His work linking gum disease and overall health is such a perfect example

of the interprofessional education that will take place among dentists, nurses, physicians and social workers at our Health Education Campus with Cleveland Clinic."

Dr. Bissada and Dr. Dibert echo the same sentiment when they discuss Dr. Zanni's desire to give back to the institutions that gave him so much. "He believed fully that the best thing to do was to give back to the two schools that were so dear to him," Dr. Dibert says.

Santos agrees completely. "Russ chose CWRU because he knew it was the best dental school for him and he was always thankful for what his education allowed him to achieve personally and professionally." ■

Dr. Zanni's Legacy Impacts the Future

The new Health Education Campus provides an extraordinary foundation for Dr. Oreste D. Zanni's gift to the School of Dental Medicine, according to Nabil Bissada, DDS, MSD, and chair of the Department of Periodontics.

"The new campus and the opportunities for partnership among dentistry, medicine, nursing and social work will allow us to collaborate under the same roof, in the same setting," Dr. Bissada says. "And it is in this space that we will be able to expand our research and clinical care thanks to Dr. Zanni's generosity."

According to Dr. Bissada, Dr. Zanni's gift will allow for focus and expansion in four key areas: research, education, community service and technology.

Research

"Our research focuses on the link between serious diseases, particularly among the elderly population, and periodontal disease," says Dr. Bissada. He explains that the periodontist is in many ways "the physician of the mouth." He says that when the mouth is viewed as the gateway for the other systems in the body—vascular, circulatory, respiratory, skeletal—the opportunities for expansion of research and teaching are immense. "Dr. Zanni and I shared a strong interest in this research," Dr. Bissada says. He is particularly excited about new research into the relationship between cancer and periodontal disease.

Dr. Bissada says that Dr. Zanni was interested in the "inflammatory markers" of

the mouth. "We know now that periodontal disease is a chronic, low-grade systemic inflammatory condition," he explains. "This inflammation can and will move to other areas of the body, putting patients at a much higher risk for other diseases.

"This connection between gum disease and other inflammatory disease is the basis of our research going forward," Dr. Bissada says. "It takes time, talented people, and resources to move forward, and Dr. Zanni's gift will help us get there. And equally as important, it will allow us to honor his passion about our contribution to the dental literature and research in this area."

Education

"We need to find the talented educators who can teach the younger generation," Dr. Bissada explains. "Being able to identify and attract the highest level of periodontal educators is going to be very important."

Dr. Bissada explains that he and Dr. Zanni shared the view that finding educators who can lead and teach is vitally important.

"Dr. Zanni believed wholeheartedly in the importance of teaching and mentoring the next generation. His gift to our school will allow us to recruit the best teachers and mentors who will help do this."

Community Service

The new periodontal clinic in the Health Education Campus will be fertile ground for the interdisciplinary approach to both education and patient care. "Our students will begin to understand the significance of

periodontal disease because of its impact on the whole body," Dr. Bissada says. "Expanding our clinical services to the community will be possible because of Dr. Zanni's generosity."

Technology

According to Dr. Bissada, the rapid growth in technology—imaging, treatment, implants and materials—brings with it added costs. "Dr. Zanni's gift will help us understand and access these developments to ensure that they are available to enhance our training and our patient care.

"Dr. Zanni was very proud of the fact that our dental school is leading some of the most exciting periodontal research in the country," Dr. Bissada says. "We are fortunate that our dean, Ken Chance, is very supportive of this research that links periodontal disease to general health. I know Russ would be thrilled with the opportunities that his gift is providing for our students, our patients, our faculty and our staff."

Adds CWRU President Barbara R. Snyder, "I want to thank and acknowledge Dr. Bissada for his role in helping us find such a fitting tribute and lasting legacy for his friend and colleague, Dr. Zanni."



MESSAGE from the alumni association president

Let's make a difference

As I look back at my tenure as president of the Alumni Association, I am reminded about the foundation of our school—its mission:

The mission of the Case Western Reserve University School of Dental Medicine is to provide outstanding programs in oral health education, patient care, research and scholarship, and service that are of value to our constituents. We accomplish this in an environment that fosters collegiality and professionalism that enables a diverse group of students to become competent practitioners of dentistry and contribute to the health and well-being of individuals and populations.

It seems fitting to reflect on this mission as I look back over our collective accomplishments:

- We recruited a new dean...he is one of our own! Ken Chance was appointed last year and he is now leading us through an exciting and historic time with the funding and building of the new Health Education Campus. This is a tremendous project for all of us to embrace and support.
- The Alumni Board decided to establish two additional awards this year: the Outstanding New Dentist Award and the Alumni Special Recognition Award. We have received many nominations and those who were not selected will stay in active consideration for the award for the following two years. This is same for the Distinguished Alumnus Award.
- In conjunction with CWRU's "Day of Giving" this past April, we were able to reconnect and engage fellow alumni by sharing news about the dental school. We hope to continue this tradition in the future and look forward to connecting with you.

I encourage each of you to become involved in our school. Consider joining us in one of the following ways:

- Represent the school at dental or community meetings, and your respective colleges.
- Sponsor and attend alumni functions in your area.
- Contact your classmates and encourage them to attend class reunions and the alumni week.
- Support and suggest topics for continuing education efforts of the faculty and the school.
- Help students make the transition to practicing dentists.

And finally, I hope that you will consider joining me in supporting the new Health Education Campus. This is a once-in-a-lifetime opportunity to be part of building what will undoubtedly be one of the finest health education facilities in the world.

I would like to thank each of our board members for their dedication and service, especially Kari Cunningham, vice president, and Kristin Williams, secretary. I wish the best to our incoming officers:
President – Don Lewis
Vice President – Jerome Faist
Secretary – William Nemeth



Lenny Weiss, DDS '63
lennyweiss@aol.com



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Highland Heights, OH

Veronica W.K. Ng, DDS, MSD '93 '97,
Plymouth, MI

Leena B. Palomo, DDS, MSD '00 '04,
Cleveland, OH

Lisa Petti DDS '83, Mayfield Heights, OH

Leone M. Pullella, DDS, '85,
Beachwood, OH

Christine Skordeles, DDS '96,
New York, NY

Andrew W. Skorobatckyj, DDS '00,
Lakewood, OH

Myles L. Sokolof DDS '73,
Pleasantville, NY

Nathaniel M. Taylor, DMD '08,
Shaker Heights, OH

Thomas E. Van Dyke, DDS, PhD '73,
West Roxbury, MA

EFDA REPRESENTATIVE

Shelly Feiwell

STUDENT REPRESENTATIVE

Meredith Garber '15

Alicia Irizarry '18

Smithsonian Exhibit Displays Alumnus' Fascinating Research

Darrick E. Antell, MD, FACS, DMD '78, a New York City plastic surgeon with a dental degree, finds his work recognized in an unlikely place—the Smithsonian Museum of Natural History

Derrick Antell, who has a practice in New York City, published a study titled "How Environment and Lifestyle Choices Influence the Aging Process" in the *Annals of Plastic Surgery* in December 1999. This groundbreaking study verifies the effect of environment and lifestyle choices on the aging process independently of genetic influences. Specifically, the study demonstrates through the use of striking photos of identical twins that smoking, excess sun and stress (the three S's) can accelerate the aging process.

As part of the Smithsonian's observation of the tenth anniversary of the completion of the genetic-code sequence, the institution invited Dr. Antell to join the exhibition "Genome: Unlocking Life's Code." Dr. Antell's work was displayed alongside that of Dr. James Watson and Dr. Francis Crick, the legendary team that discovered the structure of the DNA double helix.

Dr. Antell's research on identical twins was inspired by a patient who asked him how long her facelift would last. Dr. Antell replied that the proper answer to her question would be forever, but prefaced that by saying if she had an identical twin who did not have a facelift, she'd always look younger than her twin. Although both of them would continue to age, the twin without the facelift will be visibly older.

With this analogy in mind, Dr. Antell started to study the effects of sun, smoking and stress on identical twins. He wondered if one twin maintained a healthier lifestyle, would that alone keep her more youthful in appearance than the other? He began by taking photographs of 68 identical twins at the annual Twins Festival in Twinsburg, Ohio in 1997. In some cases, one twin had been conservative and lived quietly while the other spent more time in the sun, consuming alcohol, smoking or enduring copious amounts of stress. Over the course of two years, Dr. Antell and his team gathered significant data from the twins, including in-depth interviews and questionnaires.

"The point of the two-year twin study was to document the 'nature versus nurture' debate about the effects of aging," says Dr. Antell. "We wanted to determine the effect of lifestyle versus heredity which causes us to age." The results of his pioneer study have become well known throughout the world and were the first to convincingly show that lifestyle choices dramatically affect the rate at which one ages.

A native of Independence, Ohio, Dr. Antell initially planned to become a dentist, following in his father's footsteps. He was



encouraged to study plastic surgery by a mentor who had also started by studying dentistry and notes that many of the early practitioners in the field of plastic surgery began by studying dentistry. "Having gone to dental school first was really helpful; it's terrific training in using your hands and understanding the underlying anatomy and facial dynamics," he says. He feels his MD and DMD degrees together give him unique expertise in analyzing and reconstructing the face.

Dr. Antell received his general surgery training at Stanford University Medical Center and received his specialized training in plastic and reconstructive surgery at the New York Hospital/Cornell Medical Center and the Memorial Sloan-Kettering Cancer Center in New York.

The genome display is now traveling and can be viewed at museums across the United States and the world. Dr. Antell hopes that the public learns from the exhibit as it travels throughout the country: "If you want to look young, don't overdo the three S's. Stay out of the sun, avoid stress, don't smoke, get adequate sleep and eat well. In other words, do all of the things your mom always told you to do!"

A Debt of Gratitude

For Albert "Ace" Goerig, DDS, MS '71, helping others succeed both professionally and personally is the standard by which he judges his own success

Dr. Ace Goerig loves dentistry and hates debt.

Dr. Goerig, the 2014 Case Western Reserve University School of Dental Medicine Distinguished Alumnus, is a nationally known educator and authority on endodontics. He is the co-founder of Endodontic Practice Mastery, which coaches endodontists not only on improving their clinical techniques, but also on understanding the business systems of dentistry. Since the organization's founding in 1996, he has personally coached nearly one-fifth of all endodontists and their teams in the United States and Canada.

He is also eminently approachable, willing to help all and has a dry, self-deprecating sense of humor that makes him a joy to speak with. For example, he relates a story from many years ago when he was studying to be a civil engineer. Just before his senior year, his cousin, who was a practicing dentist, suggested that Ace consider dentistry. Goerig's reply was, "But don't you have to be smart to be a dentist?" His cousin replied, "No, you just have to have endurance." So, instead of flying helicopters in Vietnam in 1967, Ace Goerig entered dental school.

A Military Path to Private Practice

Dr. Goerig was born in Seattle, Washington, and raised in Spokane. He graduated from Las Vegas High School in Nevada, did his undergraduate work at Utah State, and was accepted into the CWRU School of Dental Medicine in 1967. Following graduation he enlisted in the Army and served in the Army Dental Corps., retiring as a colonel in 1991. He completed his endodontic residency at Walter Reed Army Medical Center and Ft. Gordon with the Medical College of Georgia. He earned his MS from George Washington University in 1977.



Dean Ken Chance presents the Distinguished Alumnus Award to Dr. Ace Goerig, along with Dr. Lenny Weiss, president, alumni board of directors, and Dr. Hugh Habas, a classmate of Dr. Goerig's

Dr. Goerig is a life member of the ADA, American Association of Endodontists, and Washington State Dental Associations. He has been inducted as a fellow of the International College of Dentists and the American College of Endodontists., and is a diplomate of the American Board of Endodontics. He has been married to his wife, Nancy, since 1969. The couple have five children and seven grandchildren.

After his military service, Dr. Goerig opened a private practice specializing in endodontics in Olympia, Washington in 1991. That, he says, is when his real education into the practice of dentistry began.

Dr. Goerig found himself working 10 hours per day, five days per week, stressed and exhausted because as he admits, "I had no systems." After about 18 months he came in to the office one day to check out the front desk area and found checks that hadn't been deposited and bills that hadn't been paid. The practice was nine months

behind in payroll taxes and had accounts receivables over 120 days of \$250,000.

"I had just left all of that for the person at the front desk to handle," Dr. Goerig says somewhat ruefully. "I thought that's how you did it."

Dr. Goerig realized he needed help, and brought in a consultant to get his practice on track. He put in new systems, began working four eight-hour days, eliminated all stress and drama in the office and found he was three times more profitable. After talking to other endodontists at the next national meeting he attended, he realized that he wasn't alone in dealing with such woes.

"I decided to start building a practice that was a business," he says. "And I realized that there was a real need to start talking to other dentists about the business of dentistry. So I decided to start coaching endodontists about how to be more profitable while learning to love their practice."

Spreading the Word of Financial Freedom

Dr. Goerig began speaking at national meetings and traveling to endodontists' offices to teach them one-on-one how to set up systems to become more profitable while reducing stress.

He also met Kendrick Mercer, founder of the investment advisory firm Mercer Advisors, and became a disciple of Mercer's anti-debt philosophy.

"I decided to start building a practice that was a business. And I realized that there was a real need to start talking to other dentists about the business of dentistry.



So I decided to start coaching endodontists about how to be more profitable while learning to love their practice."

"I realized that although I was teaching dentists how to make more money, they just spent more money and continued to be stressed and not personally free," Dr. Goerig says. "If you owe a bank money, then that bank owns you. So, along with teaching people how to make money, I also showed them a step-by-step approach to get out of debt."

According to Dr. Goerig, most people can get completely out of debt — including their mortgage, credit cards, and car loans — in five to seven years. This leads to more personal freedom and greater opportunities to enjoy life and relationships. He spells out how to do it on two websites (www.doctorace.com and www.debtfreedentist.com), and in a book he co-authored with Mercer, "Time and Money, Your Guide to Economic Freedom."

"If nothing else I think I'm a pretty good sharer of information, and the websites and the book really make clear the philosophy of how to change your consciousness from poverty to prosperity," Dr. Goerig says.

This desire to help other dentists is one of Dr. Goerig's career-long hallmarks. In nominating Dr. Goerig for the Distinguished Alumnus Award, his classmate,

Hugh Habas, DDS '71, wrote: "A personal character trait that was obvious to me from the first day we met in September of 1967 was Ace's enjoyment of giving to and helping others. As a talented and gifted student, he most often completed his project and clinical requirements well ahead of the class and would use the discretionary time to assist and mentor other classmates. As his friend of 47-plus years, I can say that this sense of purpose to help others, both personally and professionally, has survived and has grown exponentially."

Fond Memories and Simple Advice

Dr. Goerig is still practicing about two days per week in Olympia. He has an associate and a partner, and his son, David, recently joined the practice.

Dr. Goerig has fond memories of his days at the CWRU School of Dental Medicine. "I think the power and the strength of CWRU was that they treated you as a doctor the first time you walked through the door," he says. "There were some schools out there where they would harass you for four years and then call you doctor after you graduated. That wasn't the case with CWRU. We had great mentors, and we had a great class. Everybody helped each other out and worked with each other. We all wanted to see each other succeed."

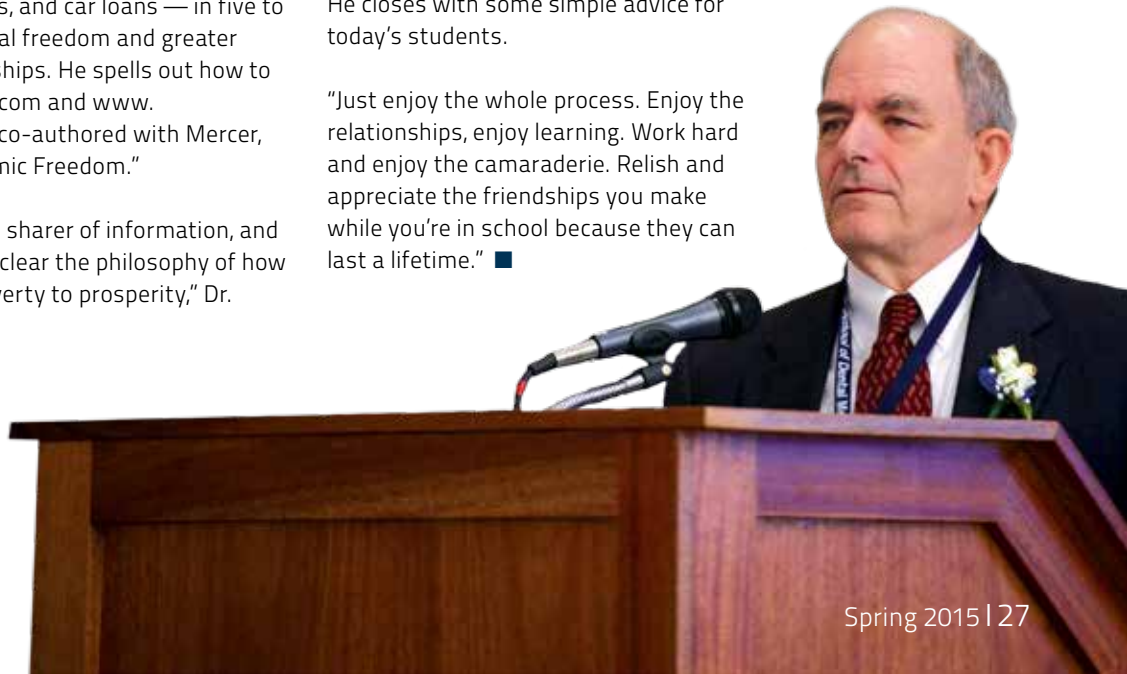
He also sends a special thanks to one particular mentor.

"One person who really influenced me was Dr. Jefferson Jones," Dr. Goerig says. "I was interested in endodontics, and when I first went into the clinic in 1970 he took an interest in me and taught me how to enjoy endodontics and inspired me to become an endodontist."

Dr. Goerig shows his appreciation to the school (and to Dr. Jones) with generous gifts, including a gift of \$100,000 to the Jefferson Jones, DMD Endowment Fund. "The power of becoming debt-free early in your career is that you're able to share with organizations or schools that have made a significant difference in the lives of yourself and many others, such as CWRU," he notes.

He closes with some simple advice for today's students.

"Just enjoy the whole process. Enjoy the relationships, enjoy learning. Work hard and enjoy the camaraderie. Relish and appreciate the friendships you make while you're in school because they can last a lifetime." ■



Reunion Weekend 2014





1954

Robert Crowe, James Lowder

1959

*Raymond Colavincenzo, Richard Kinkelaar,
Gerald Wahl, Joseph Humel*

1964

Front Row: Herbert Stacks, John Towle,
Norman Mittleman, Giedra Matas, James
Taylor, Harry Hom, Nelson Petrov**Second Row:** Donald MacKay, David
Andrzejewski, Weyland Lum, Michael Samuel,
Richard Benveniste, Alan Robbins, Raymond
Sugiyama

1969

Stuart Katz, Edwin Kluth

1974

Front Row: Anthony Kestler, William Di Zinno,
Dennis Schirripa**Second Row:** Eric Gordon, Scott Alperin, Robert
Zatrock, Lawrence Palmer, Carl Norman

1979

Front Row: Joseph Briggie, Laurel Morello,
Danute Abriani, Katharine Rockman, Carol
Martin, Christopher Martin, Tony Ianni**Second Row:** Charles Canepa, Peter Pruden,
William Parker, Ken Chance, Mark Kozlowski,
Roger Karp, Ketih Hoover, Gary Hubbard

1984

Front Row: David LaSalvia, Charlene Krejci,
Elaine Whitney, Paula Jones, Todd Stultz**Second Row:** James Kozik, Ted Galbraith,
BJ Showman, Steven Greco, Alan Krantz,
Charles Guizzotti

1989

Front Row: Andrea Bell, Bertha Alarcon, Jenifer
Schnettler, Renee Commarato, Shelly Boss,
April Yanda, Shelina Amiani,**Second Row:** Ragu Ragunathan, Jeff Borst,
Robert Rando, Barry Sorenson, Jennifer Kale,
John Damiano, Kristin Williams, Don Patacca,
Mark Armstong, Elden Rice, Thomas Kelly

1994

Ronald Wolf

1999

Dean Ken Chance '79 with Anita Aminoshariae

2004

Front Row: Jerald Pruner, Lucia Johnson, Lisa
Austin, Kathleen Pham, Nihar Vasavada**Second Row:** Ganon Rowan, Spencer Tasker,
Keith Plain, Jeff Laubmeier, T. Maxwell Thaney,
Zygintas Binkis, Kevin Madjarac

REUNION WEEKEND 2014

Alumni, students, faculty, staff and guests celebrated Homecoming and Reunion in September 2014, taking part in more than 100 events scheduled throughout the weekend.

Activities included a block party, continuing education courses, university luncheon with President Barbara R. Snyder where Jerold Goldberg '70 received the university's distinguished alumnus award, tours, panel discussions, dental school distinguished alumnus award presentation to Albert Goerig '71, dance party and reunion class dinners. Thanks to everyone who participated and made the weekend a big success!

Our photographers were busy all weekend, so check out our Facebook page where you can browse photos from the weekend. Our page name: CWRU School of Dental Medicine Alumni Association.

- 1) Jeff Borst '89, John and Jennifer '89 Schnetter, Dan Call, Shelly Boss '89, Ragu '89 and Ajantha Ragunanthan
- 2) Lisa Petrov '94 and dad, Nelson Petrov '64
- 3) Kathleen Pham '04 and family
- 4) Katharine Rockman '79, Don Lewis '76, '80, Kari Cunningham '10, '12, Megan Juby, Lisa Petti '83 stand behind Julianna Garcia.
- 5) Cody Pratt '18, Winnie Wong '16, Yvonne Sondy '17 and Kayla Shook '17
- 6) Stanley Roberts, Kristin Williams '89 and dad Frank Williams '62
- 7) Members of the Class of 1964; Harry Hom, Raymond Sugiyama, Weyland Lum and Geidra Matas



Alumni Engage with Prospective Students and Applicants

Thousands of competitive applicants apply to the School of Dental Medicine, but most of them only want to know us by the numbers: how high our GPA/DAT expectations are, how many seats we offer, how many procedures to graduate, how many pass the licensure exams and how much our tuition is. Alumni of the School of Dental Medicine realize that the real impact of a CWRU education is measured beyond these metrics; it extends to personal and professional growth within an international supportive community of excellent practitioners and scholars.

In addition to inviting prospective applicants to select alumni receptions, the Offices of Admissions and Development and Alumni Relations have partnered to involve local Cleveland-area alumni with interviewing DMD candidates. Area alumni meet with interviewing candidates for individual 30-minute sessions in the morning of interview days and evaluate each applicant with an online or paper evaluation looking at key traits that provide an impression of the candidate's fit with the dental program. Often alumni will do two-to-four private interviews, and evaluation usually doesn't take more than 15 minutes per candidate.

Informal feedback from the candidates has been very positive as they get a sense that the dental school community and pride extends beyond the building, and most receive a strong, favorable impression that CWRU really supports its students and young dentists.

Lenny Weiss, DDS '63 and president of the Alumni Association Board of Directors, has spent time this year interviewing potential students. "When alumni are part of the interview process it demonstrates how important it is for the school and creates good will with the student," he says. He adds that it is a great way for alumni to stay connected with the school and demonstrates to the faculty that alumni are interested in what is happening at the school.

Weiss has been impressed by the interviewees. "These are bright, motivated students who know much more about the dental school than I did when I applied more than 50 years ago," he says. He hopes that more alumni across the country can become involved in the admissions process.

We welcome any interest from local practicing or retired alumni dentists who want to help shape the future face of the School of Dental Medicine by interviewing our candidates. Anyone interested should contact Brian Sherman, assistant director of admissions (brs12@case.edu) by mid-July. A brief training with Emil Chuck, director of admissions, will be mutually scheduled to prepare for interviews which begin in August. ■



Make a Decision Today to Create a Better Tomorrow

The Power of Planned Giving

Build a lasting legacy with a planned gift to the School of Dental Medicine. A commitment today can support your passion for dentistry for generations to come – including student scholarships, faculty positions, community outreach programs and groundbreaking research. Support the things that will help change the way dentistry is delivered in the future.

The Planned Giving team can help you create a philanthropic strategy that fits your unique interests and financial situation. **Once you know all the tax-effective options, you may discover that you can have a greater impact than you ever imagined!** Contact David Pratt, Assistant Dean, Development and Alumni Relations, at (216) 368-3923 for more information or visit case.giftlegacy.com.

BEQUEST:

A bequest is one of the easiest ways to make a gift to the School of Dental Medicine. The most familiar type of bequest is accomplished by including a provision in your will or trust. You can make a bequest of a dollar amount, a specific asset, a percentage of your estate, or the residue of your estate. Importantly, bequests are entirely revocable, meaning you can always change your mind.

CHARITABLE LIFE INCOME:

Charitable gift annuities and charitable remainder trusts enable you to make a future gift to the School of Dental Medicine while protecting or enhancing your current financial security.

In exchange for your charitable gift, you receive:

- Lifetime payments (for you and your spouse).
- A current income tax deduction.
- A bypass of all or a portion of the capital gains on appreciated assets.

CHARITABLE LIFE ESTATES:

If you own a home, vacation property or farm, a gift of your property is one way you can help build our endowment. With a charitable life estate, you can make your gift to us today and continue using and enjoying the property during your lifetime. You simply deed your property to us with a provision in the deed that provides for your use. You get a current charitable income tax deduction, and the property is not included as part of your estate.

BENEFICIARY DESIGNATIONS:

Beneficiary designations provide a convenient and easy way to support the School of Dental Medicine. You simply complete a beneficiary designation form provided by your account administrator. The benefits of making a gift through a beneficiary designation are several. For example, the assets you gift through a beneficiary designation will not go through the costly and time-consuming probate process.

If you have a taxable estate, your estate enjoys a charitable deduction, and avoids income taxes on certain assets such as retirement plans and annuities. The combined tax savings could be upwards of 60%. And, beneficiary designations, like bequests, are revocable and can be changed at any time.

class notes

1955

Ronald Bell established a cross country bicycle record for his age group in 2012, riding 3,000 miles from Oceanside, California to Annapolis, Maryland. He completed the journey in nine days, seven hours. He was named Senior Athlete of the Year in 2013 in Cleveland. He retired after 60 years of practicing oral and maxillofacial surgery. He and his wife, Diane (FSM 1955, MA 1982), live in Cleveland.
EMAIL: breakawaybell@aol.com

L. Gerald (Gerry) Winn says that "after 44 years of practicing dentistry, 20 of which were in the U.S. Air Force, retirement is full." Gerry and his wife, Ginny, live in Delmar, New York and are enjoying their family of 12 grandchildren and four great-grandchildren. He stays active with leadership in his church, coaching softball, model railroading, fishing, boating and vacations in Maine. Gerry and Ginny will celebrate 62 years of marriage in September.
EMAIL: winnginger@nycap.rr.com

1970



Dan Clancy, interim executive director for alumni relations, with award winners Laura Nosek, Linda Wilson, Jerold Goldberg, Elizabeth Davis and Scott Bruder.

Jerold Goldberg received the Distinguished Alumni Award for his career distinctions rooted at Case Western Reserve University. Goldberg is an oral surgeon, scholar, author, educator and academic leader. The award noted that he is highly respected by faculty, staff and students, and is the distinguished embodiment of talent at the university. He was also recognized for developing the

innovative, efficient and effective educational programs at the dental school, including the new curriculum implemented by the school.
EMAIL: jerold.goldberg@case.edu

Leonard Tomsik recently sold his practice and retired. He and his wife, Laura Ann, purchased a second home in Colorado Spring, Colorado. He serves as an assistant professor at the CWRU dental school and interviews candidates for admission as a member of the admissions committee. He remembers well moving into the "new school" in 1969 and being the first class to graduate from it. "It still looks new to me 45 years later," he says.
EMAIL: leonardtomsik@yahoo.com

1979



Class of 1979 attendees during Homecoming & Reunion Weekend 2014.

1980



Taisa Lydia Szeremeta-Browar looks back on her dental education with fondness, remembering the excellent education, wonderful faculty, good friends and a great senior movie "that no one can find now!" She lives in Oak Brook, Illinois and practices in Hinsdale. Her husband and business partner of 32 years, Andrew Browar, DDS, recently left their practice to become a full-time faculty member.
EMAIL: healthysmile@msn.com

1985

William Hayes lives and practices in Olmsted Township, Ohio. He and his wife, Cheri, have five children and four grandchildren. They recently bought a vacation home in Florida. He recalls fondly celebrating at The Greenhouse after exams.
EMAIL: wjh3@cox.net

Karen Klocko says, "My experience at CWRU was overwhelmingly positive. I have so many good memories!" She and her husband, Andrew Barresi, live in Crofton, Maryland. Two of their three daughters have gotten married recently. She practices in Gambrills, Maryland.
EMAIL: drklocko@gmail.com

Barry Lazar, a resident of Lakewood, Ohio, practices in South Euclid, Ohio. He and his wife, Barbara, recently became grandparents. Another big change for Barry was recently shaving his head! His most striking memory of dental school was coming down with meningitis.
EMAIL: barrylazar@hotmail.com



Perry Sarle lives in Galena, Ohio, with his wife, Jean. They have three children and he practices in Lewis Center, Ohio. They also have a home in South Carolina. His most striking memory of his time at CWRU was the snow day!
EMAIL: perrysarle@yahoo.com



Thomas Sakshaug expects to be back to work full time soon, after being plagued with eye problems for the past two years. He was disabled by blindness in one eye, but is regaining his sight. He and his wife, Kathleen, live in Pittsfield, Massachusetts, where he also practices. He is the campaign manager for Linda Tyer, candidate for mayor of the city of Pittsfield. "I can still remember almost our entire class singing along to 'Chain Gang' by the Pretenders in lab," he recalls.
EMAIL: doctom1977@gmail.com





John Vaselaney became the chief dental officer of Samson DPM in 2012. He and his wife, Dana, have three children and live in Buffalo Grove, Illinois.

EMAIL: johnvaselaney@samsondpm.com

1987



Veronica Glogowski and the team at her office participated in the Give Kids A Smile Day in February. Her office provided cleanings, fluoride, x-rays and restorative work at no charge.

EMAIL: vcgdds@me.com

1997



Tania Markarian (Ped Dent '14) recently received the Legacy of Life Award from Lifebanc for influencing others to register to become organ, eye and tissue

donors. She has been on faculty at the CWRU School of Dental Medicine for over ten years. She is the proud mother of three children.

EMAIL: tzm3@case.edu

2000

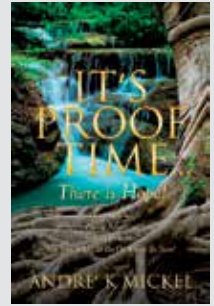
Suma Achar owns her own practice in Beachwood, Ohio, and lives with her husband and two children in Concord, Ohio.

"Purchasing my own private practice was a bold step that I am glad I took. I am loving it!"

EMAIL: suma@gmail.com

Alumni Recently Published

Within his new book *It's Proof Time...There is Hope!* André Mickel, '91, '94 uses an acronym, which spells out "PROOF TIME," to guide readers in their response when they inevitably face tribulations. In following his tried-and-true advice, he hopes readers will receive peace in the midst of adversity. He explains how individuals have the power to change their lives.



Newly published *The Gratitude List: Thanking Those Who Have Meant the Most* written by Mario Pavicic, '92 guides readers to remember all those people who have shaped their lives. He explains how to create an actual gratitude list, how to integrate this list into everyday life and how to use it. The book gives readers advice on how to wake up feeling grateful and make others feel special.



2005

Christina Kulesa (LaCute) opened her own practice in 2010 in Westerville, Ohio. "All my fondest memories of dental school surround the lifelong friendships that were made during that time," she says. She and her husband, Steve, live in Lewis Center, Ohio with their two daughters.

EMAIL: a6103a@aol.com

Michael Mack lives in Sylvania, Ohio, with his wife, Lori, and three children. He owns a private practice in Holland, Ohio. "It is striking to me how much information I absorbed, retained and now utilize," Michael says of his time at the CWRU School of Dental Medicine.

EMAIL: memack@bex.net

2008



Brian Hatch enjoys going out with his wife, Alison, and loves playing with his three boys. They enjoy going to the beach in Southern California and around San

Diego. He enjoys volunteering with the Boy Scouts, his church and coaching youth sports. He is in a dental group with classmate Bryan Schelin.

Send us your news

Let your classmates know what you are doing! If you have news to share, we would love to include it in the next magazine. Photos are welcome. Complete the form on our website at <http://dental.case.edu/media/caseedu/school-of-dental-medicine/documents/ClassNotes.pdf> or email us at dentalalumni@case.edu with Class Notes in the subject line.

IN MEMORIAM

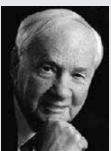


Richard "Doc" Anderson, '60 died on December 29, 2015. He is survived by his wife, Mary E. White Anderson of Jackson, Michigan.

James Berry, '52 died on December 30, 2014 at the age of 90. He is survived by his wife of 63 years, Priscilla Delle Warner Berry, two children, four grandchildren and five great-grandchildren. He served in the U.S. Army during World War II at the Battle of the Bulge. He practiced dentistry in Akron, Ohio before retiring to North Carolina. He enjoyed fishing in Canada, playing golf and music.

James Boyce, '54 died on January 5 in Avon, Indiana. Formerly of Defiance, Ohio, Dr. Boyce completed his undergraduate education at Mt. Vernon College. He completed his internship at the United States Naval Hospital in Great Lakes, Illinois and served the U.S. Navy for three years on the *USS Hornet*. He established his oral and maxillofacial surgery office in Defiance in 1978 and retired in 2004. He was a member of the First Baptist Church and was active in Gideon's International. He is survived by his wife, Penny, two sons, four daughters and 15 grandchildren.

Warren "Cal" Calvin, '55 passed away on April 27, 2014 at the age of 85. A native of Seattle, Washington, he was the first orthodontist in Muncie, Indiana, where he practiced for 40 years. Dr. Calvin was an avid golfer and a member of the Delaware Country Club for over 50 years, where he won several championships. He is survived by Joan, his wife of 60 years, three daughters, one son and five grandchildren.



Richard Everhard, ADL '51, DEN '53 died on January 27, 2014. A native of Akron, Ohio, Dr. Everhard was an avid high school athlete who also played basketball at Western Reserve

University. After graduation from dental school, he joined the U.S. Navy and served

in Pensacola, Florida. He married his high school sweetheart, Martha, in 1952. They had two sons and one daughter and settled in Wadsworth, Ohio, where he was warmly welcomed as a dentist. Dr. Everhard was an active member of the First Christian Church, where he served as a Sunday school teacher deacon and elder. He was on the board of directors of Wadsworth Rittman Hospital. He practiced dentistry for 50 years.

Edward "Doc" Ferreri, '40 died at the age of 98. He was married for 65 years to Jeanne and was the father of eight, grandfather of 12 and great-grandfather of 12. He served as a dental officer during World War II in Australia and New Guinea. He established his dental practice in Cleveland after his military service. He loved power boating and traveling throughout the United States and Mexico in his RV. During his retirement, he perfected his hobby of making stained glass art.

Rodney Huck Finn, '57 died on December 25, 2014 at the age of 81. He is survived by his wife of 59 years, Marilyn Dell Leiser. He was a graduate of Shaker Heights High School, Duke University and the CWRU School of Dental Medicine. He practiced in downtown Cleveland for many years. His hobbies included carving duck decoys, for which he earned many awards, and cooking.

John Fritz, '47 passed away on November 14, 2012 at the Hospice of Northwest Ohio. A native of Louisville, Ohio, Dr. Fritz graduated from Ohio University prior to pursuing his dental degree at CWRU. He served in the U.S. Navy as an assistant dental officer and lieutenant. He opened his dental practice in Toledo after serving in the Navy and practiced there until his retirement in 1996. He was recognized by the Toledo Dental Society in 1997 for more than 50 years of dedication to the dental profession, for his devotion to the healing arts and service to people. Dr. Fritz was also a music lover and played the pipe organ for many local churches.

Russell Glauser, '55 died on March 14, 2014 at the age of 86. He was born in Logan, Utah and entered the U.S. Navy V-5 program in Pensacola, Florida after graduating from high school, where he trained to become a pilot. During dental school, he joined the U.S. Public Health Service. After practicing public health dentistry in South Dakota and Utah, he moved with his wife, Ramona, and his family to Rochester, New York, where he attended the Eastman Dental Dispensary to study orthodontics. He returned to Utah to begin his career in orthodontics. He received a Commendation Medal from the U.S. Surgeon General for a manual on serial extraction in 1967. He moved to Mesa, Arizona in 1970, where he continued his duty with the public health service and launched a successful private orthodontic practice. He retired in 1997. He is survived by his wife of 66 years and his five children.



Warren Hamula, '54 died on November 28, 2014. A native of Cleveland, Dr. Hamula attended Baldwin-Wallace College (now University) in Berea, Ohio. An avid athlete, he earned his DDS

in 1954 and went on to earn his MSD at Indiana University in 1958. He also served in the U.S. Air Force as a captain during the Korean War. He had a private practice in orthodontics for over 40 years, first in Fort Wayne, Indiana and then in Colorado. He was a charter member of the American Board of Orthodontics and was a contributing editor of the *Journal of Clinical Orthodontics* for 37 years. As the founder and president of Modern Orthodontic Designs, he designed over 600 offices worldwide. He was preceded in death by his first wife, Ruth C. Schenk. He is survived by his second wife, Marcia, three children, three grandchildren, three stepchildren and six great-grandchildren.





Gene Hawk, '56 passed away April 15, 2015 following a brief period of declining health, while in the care of Community Hospice. He began practicing dentistry in New Philadelphia in 1956, continuing in practice for over 40 years. Upon retirement from active practice, he continued to work in the dental office of his son and granddaughter until this past December. He was a member of the Omega Dental Fraternity. He also served on the founding advisory committee for the formation of the dental hygiene program at Stark State College. He is survived by his wife of 66 years, Janet, five children, 10 grandchildren and three great-grandchildren.

Harry "Bud" Huston, Jr., '56 died October 7, 2014. He was 90. He lived in Willoughby, Ohio, where he also practiced dentistry for more than 40 years. He was a U.S. Army veteran of World War II. He landed on the beaches of Normandy and was also in the Battle of Bastogne. He enjoyed skiing with his family, was a retired private pilot and loved Cleveland sports. He also taught at the CWRU School of Dental Medicine. He is survived by his wife of 34 years, Gayle, his three children, 15 grandchildren and three great-grandchildren. He was preceded in death by two children.

Huaiyuan Jiao, '00 died on January 1, 2005 in Cleveland, Ohio.

Lawrence Kaiser III, '86 died in December, 2014 at age 53. He is survived by his parents, three daughters and one son.

Kenneth Kovacs, '67 passed away on March 16 at the age of 73 at his home in Pickerington, Ohio. He served in the Air Force before opening his own dental practice in Columbus. Dr. Kovacs was a longtime member of Reynoldsburg Baptist Church and a member and former secretary of the Sertoma Club. He is survived by his wife of 45 years, Patsy, two children and four grandchildren.

William Lookner, '61 of Centennial, Colorado, died on July 29, 2014. He is survived by his wife, Cecilia Lookner, three children and three grandchildren.

James Marrale, '70 died on September 9, 2014 in Irvine, California.

Norval Mathie, '56 died on October 2, 2014.



Michael Mayer, '79 of Fairview Park, Ohio, died on December 15, 2014 at the age of 60. He is survived by his wife, Ilse, and two children.



Scott Meyers '93 passed away on March 1, 2015. He enjoyed fishing, NASCAR and good times with family and friends. He is survived by his parents, Ray and Iris Meyers.

William H. Otter, Jr., '45 of Rocky River, Ohio, died on April 19, 1997.



Andrew Ramos, '73 died on December 12, 2014 at the age of 68. He earned a degree in biology from CWRU in 1968 and his DDS in 1973. He served two years in the U.S. Navy after

dental school. He was married to Joyce for 43 years and had three sons. He was a golfer, fisherman and loved to give tours of Walt Disney World.

James Ridzon, '62, '65 died on November 9, 2014. He was 73. He was a U.S. Naval officer, serving in Taiwan as a Navy dentist. He is survived by his wife of 48 years, Marilyn, two children and two grandchildren.



Edward Rossi, '62, '65 died on November 9, 2014 at age 80 after a long battle with cancer. He is survived by his wife, Jan. A native of Cleveland, Dr. Rossi graduated from Kent State

University and the CWRU School of Dental Medicine. He practiced oral pathology and taught at the dental school for 37 years. He was passionate about Italy and jazz, and loved to tell stories.

Ralph Rusnyk, '61 died on November 26, 2001 in Dauphin, Pennsylvania.

Dennis Schafer, '80 died on October 29, 2014 at the age of 66 in Tempe, Arizona. He lived in Chandler, Arizona, and is survived by three sons and two grandchildren. During his life he worked as a dentist, builder, contractor, police officer and more. He was also a private pilot, an amateur golfer, a former Marine and a Little League baseball coach.

Edwin Seaberg, '69 passed away on July 13, 2014. He was 71. He lived in Tulsa, Oklahoma, and is survived by his wife, Anne.



Richard Silver, '65 died on February 27, 2015. He is survived by his wife, Peggy, three children and four grandchildren.

Benjamin H. Swarner, '45 died on July 13, 2014 in Hillsborough, Florida. He was a resident of Sun City Center, Florida, and is survived by his wife, Betty Jeanne.

Michael Telson, '59, '61 died on November 24, 2014. He was a resident of San Clemente, California. He is survived by his wife, Lisa.

Morris Finck, DDS, volunteered for many years, teaching students in the CWRU School of Dental Medicine dental clinic. He died on March 8 at the age of 98. He is survived by his wife of 67 years Shirley Lusher, three children, 15 grandchildren and seven great-grandchildren. He attended Ohio State University and Ohio State University College of Dentistry. He practiced in the Cleveland area for 51 years before retiring to Atlanta. Dr. Finck was recognized by the CWRU dental school for his service in 1976.

HOME COMING & REUNION CELEBRATION

students • alumni • parents & families



HOMEcoming & REUNION OCTOBER 8 – 11, 2015

THE ALUMNI ASSOCIATION BOARD OF DIRECTORS HAS GENEROUSLY AGREED TO UNDERWRITE THE \$10 REGISTRATION FEE FOR ALL DENTAL SCHOOL ALUMNI AND THEIR GUESTS

THURSDAY, OCTOBER 8

Blue Block Party

7:00 p.m. – 9:00 p.m.

Toby's Plaza
11471 Euclid Avenue
(Corner of Euclid Avenue and Mayfield Road)

FRIDAY, OCTOBER 9

Breakfast and Presentation

Richard F. Celeste Biomedical Research Building (BRB)
2109 Adelbert Road (on campus)

Grab and Go Wellness Breakfast

9:00 a.m.

Start your day on campus with a healthy breakfast on the go!
Breakfast – Lobby

The Future of Patient Care: Our New Health Education Campus

9:30 a.m.

Presentation - Frohring Auditorium
Join the Medical, Nursing and Dental School deans to learn about the future of patient care and how small group interprofessional learning at Case Western Reserve is preparing our medical, nursing and dental medicine students to work in health care teams. Then climb aboard Cleveland's own Lolly the Trolley for a short, narrated ride over to the building site.

CWRU President's Homecoming Luncheon

12:00 p.m. – 1:30 p.m.

Tinkham Veale University Center
11038 Bellflower Road (on campus)
Cost: \$25 (free for those who graduated in 1965 and before)

Enjoy lunch with fellow alumni, hear university President Barbara R. Snyder's state of the university and see the presentation of the 2015 University Alumni Association Awards.

Greet the Dean

5:30 p.m. – 6:00 p.m.

Renaissance Cleveland Hotel
Gold Ballroom Assembly Hall
24 Public Square
Cleveland, OH

Have you met the Dean? Ken Chance '79 would like to introduce himself to you. Dean Chance would like to get to know all the alumni of the school. He will be in the Gold Ballroom Assembly Hall to introduce himself as you arrive for the Dental Reception and Dance Party.

Dental Reception and Dance Party

5:30 p.m. – 11:00 p.m.

Presentation of the 2015 Distinguished Alumnus Award
Renaissance Cleveland Hotel
Gold Ballroom
24 Public Square
Cleveland, OH

\$20 includes heavy hors d'oeuvres, (2) drink tickets, souvenir photos, the dance party and more.

SATURDAY, OCTOBER 10

Continuing Education Course / Continental Breakfast

Renaissance Cleveland Hotel
Whitehall Room
24 Public Square
Cleveland, OH

Complimentary Continental Breakfast

8:30 a.m. – 9:00 a.m.

Continuing Education Course

9:00 a.m. – 11:00 a.m.

Embezzlement... About More Than Just Money

Speaker: Don Lewis, DDS, CFE '76, '80
Dr. Lewis is President-Elect of the dental school alumni Board of Directors and an

Oral Surgeon in Cleveland. He will speak on:

- Identifying professionalism in your office
- Applying standards for dealing with dishonesty and embezzlement
- Learning to set fool-proof policies and procedures
- Other strategies you can implement immediately

2.0 hours of free dental continuing education credit.

Dental School Open House and Dean's Lunch

12:00 pm

2124 Cornell Road (on campus)

Enjoy lunch with Dean Ken Chance '79, other alumni and students. Relive your school days and take a complimentary guided tour of the school. Tour groups will depart from the patient waiting area on the ground floor. Hear firsthand about the new opportunities underway. Transportation provided from host hotel to the dental school.

Cost: \$15

Dental Reunion Class Dinners and Class Photos

for class years ending in 0 and 5

5:30 p.m. – 9:00 p.m.

Renaissance Cleveland Hotel
Reception - Ambassador Room
Dinner - Various rooms in hotel
24 Public Square
Cleveland, OH

Cost: \$50 (Classes of 1970-2000)

Cost: \$30 (Classes of 2005-2010)

Free for those who graduated in 1965 or earlier.

Gather with your classmates for a time of reminiscing. Class photos will be taken during this time.



CWRU ON THE ROAD

- 1) Mina Rizk, Candace DeVeaux, Nivina El-Refai '98, '00, Carol Ayoub, André Mickel '91, '94 and Estomarys Mickel at the American Association of Endodontics Annual Meeting.
- 2) Ashim Kapur '96, Nabil Ibrahim '97, Byong Soo Chae, Dean Ken Chance '79 and Christine Skordeles '96 at the Chicago Midwinter Meeting.
- 3) Elizabeth Brack '11, Blake Rosacker '10 and Priyanka Patel '11
- 4) Stewart Levine '74, Dena Babin '77, Gary Nankin '81 at the Yankee Dental Meeting
- 5) Bernardo Sarmiento, Jim Kulid and Anita Aminoshariae '99 at the American Association of Endodontics Annual Meeting.
- 6) Dean Ken Chance '79 pictured with other award winners at the 100 Black Men of Greater Cleveland event where he was Education Honoree
- 7) Madge Potts-Williams '81, Carrie Brown, and Keli and Dean Ken Chance '79 attend the installation gala for the National Dental Association President, Carrie Brown



ALUMNI EVENTS

JULY

July 12, 2015

Donor Recognition Brunch
By Invitation Only

July 25, 2015

Reception at the National Dental Association Conference
Chicago Marriott Downtown
Magnificent Mile
540 North Michigan Avenue
Chicago, IL
6:00 p.m. – 8:00 p.m.

AUGUST

August 7, 2015

White Coat Ceremony
Amasa Stone Chapel
2:00 p.m. – 3:00 p.m.
Reception ~ BRB
3:30 p.m. – 5:00 p.m.

SEPTEMBER

September 18, 2015

Reception at the Ohio Dental Association Annual Session
Hyatt Regency
350 N. High Street
Columbus, OH
5:00 p.m. – 7:00 p.m.

OCTOBER

October 1, 2015

Reception at the American Association of Oral & Maxillofacial Surgeons Annual Meeting
Marriott Marquis Washington DC
901 Massachusetts Avenue NW
Washington, DC
6:00 p.m. – 8:00 p.m.

October 8-11, 2015

Events will be held around the university and in downtown Cleveland
There will be special events for those class years ending in 0 and 5

October 28, 2015

Street of Dreams Office Tour
Offices: TBD
Tour: 12:00 p.m. – 4:30 p.m.
Reception: 4:30 pm- 6:00 pm

NOVEMBER

November 6, 2015

Reception at the American Dental Association Annual Session
Marriott Marquis Washington DC
901 Massachusetts Avenue NW
Washington, DC
6:00 p.m. – 8:00 p.m.

November 16, 2015

Reception at the American Academy of Periodontology Annual Meeting
Gaylord Palms Resort
6000 W Osceola Pkwy
Kissimmee (Orlando), FL
6:30 p.m. – 8:00 p.m.

November 29, 2015

Reception at the Greater New York Dental Meeting
Location/Time TBD

You do not have to attend a conference to attend its reception.

For more information and to RSVP, contact the Office of Development & Alumni Relations at 216.368.5758, toll free 877.468.1436 or email dentalalumni@case.edu



SIMPLE WAY TO STAY IN TOUCH

Find our page:

CWRU School of Dental Medicine Alumni Association

You'll find alumni news and photos from events.
Post a memory or ask us questions.





SCHOOL OF DENTAL MEDICINE

CASE WESTERN RESERVE UNIVERSITY

10900 Euclid Avenue
Cleveland, Ohio 44106-4905

Parents:

If this issue is addressed to your daughter or son who has established a separate permanent address, please notify us of the new address: (877) 468-1436 or dentalalumni@case.edu

HEALTHY SMILES & GIVE KIDS A SMILE

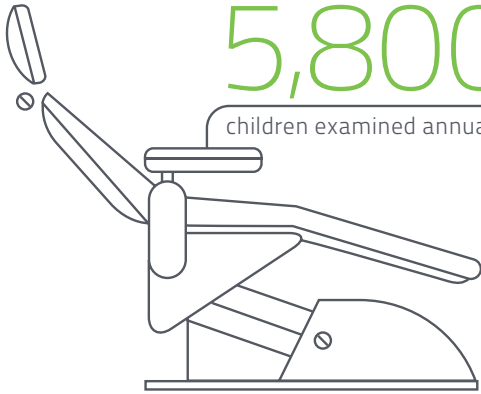
Thanks to the CWRU School of Dental Medicine, **more than 75,000 children** have received free dental care and education, and hundreds of CWRU dental students are given the opportunity to work in real-world situations, while providing an invaluable—and critically important—community health service.

Programs like **Healthy Smiles**, where mini dental clinics are set up in Cleveland elementary schools, and **Give Kids A Smile**, where hundreds of students come to the dental school for cleaning, exams and education, help address one of the most important health care needs of children today. For many kids, this is their first experience with dental care.

Visit our online Honor Roll of Donors at dental.case.edu/alumni to see how our alumni and friends are making it possible for us to make such an incredible impact on our community.

HEALTHY SMILES

15,000
SEALANTS
ANNUALLY



5,800
children examined annually

18,000
SCHOOL CHILDREN EDUCATED ANNUALLY

GIVE KIDS A SMILE

\$50,000
in care
provided
in one
day



300 KIDS TREATED PER YEAR
SINCE PROGRAM INCEPTION IN 2002 (THAT'S 3,900 KIDS TREATED!)