Expanding Discoveries
Marquette University School of Dentistry enhances commitment to scientific research
GRADUATION 2015
Our cover story in this issue of Dental Images focuses on the Dental School’s efforts and initiatives to expand and enhance our contributions to scientific research in dentistry. The pursuit of knowledge through research and discovery is an important aspect of being defined as a university, and the Dental School intends to play a key role within Marquette.

Through the new Delta Dental Research Laboratory and our growing team of faculty researchers and research staff, we will help expand the quantity and quality of research conducted at this institution. Already in 2015, we are making great strides.

At press time, the Dental School had increased its number of published papers year to date by 21 percent over 2014, and also increased its number of accepted research abstracts by 138 percent year to date versus 2014.

In addition to the coverage of our strong research momentum, you’ll also find in this issue our annual feature that shares “scenes and stories” from our graduation convocation and celebration in May. This is always a proud and joyous occasion. See page 19 to learn about the future plans of our newest graduating class.

We showcase the achievements of three of our 2015 alumni award recipients, who were honored in April, and spotlight the service our alumni provide in their own communities.

We also acquaint you with one of the Dental School’s newest graduates, as he sets out into the “real world” of practice and service to others.

The commitment to service that we strive to nurture is further exemplified in a moving story about the life-changing experience of a Dental School patient whose deteriorating teeth were artfully restored by our Prosthodontics team.

The School of Dentistry has been very busy these past several months managing the development of a new post-graduate program in Periodontics, the very successful site visit of the Commission on Dental Accreditation in late 2014, and a seemingly ongoing effort to recruit new faculty members for both our full-time and part-time ranks.

I hope you enjoy this issue of Dental Images and that you are informed and inspired by the content.

Dean William K. Lobb, D.D.S., M.S., M.P.H.
Marquette University School of Dentistry enhances commitment to scientific research

PHOTOS
15 Graduation

On the cover: James Kolstad, left, and Thomas Korte.

Submissions to Dental Images may be sent to dentalimages@marquette.edu.
By the time Marquette University President Michael Lovell made headlines in January 2015 in announcing a bold new initiative to double the University’s research funding over the next five years, the Marquette University School of Dentistry was already moving ahead with its own plans to expand research efforts. As a growing focus on evidence-based dentistry drives demand for expanding the field’s knowledge base, Dean William Lobb sees MUSoD as a vital contributor to the process. The Dental School’s current strategic plan emphasizes research as a critical priority going forward, and the recent facility expansion established the building’s first-ever dedicated research space: the nearly 4,700-square-foot Delta Dental Research Laboratory. As the lab continues to amass new state-of-the-art equipment, it has also begun to buzz with activity. Dr. T. Gerard Bradley, appointed as associate dean for Research and Graduate Studies on August 1, 2014, expects the lab to be a very busy area of the school as faculty, students and potential visiting scholars begin collaborating on projects under the direction of Dr. Lobat Tayebi, the Dental School’s new associate professor and director of research. “She’s a rock star,” Bradley says of Tayebi, hired in October 2014 from Oklahoma State University (OSU), where she built a thriving research lab from scratch for the department of Material Science and Engineering. “She took that lab from nothing to a vibrant, productive, well-funded, well-published lab. And we, with our lab, were on that same cusp when we hired her. Her ambition, her work ethic, her ability to collaborate with people, her ability to do cutting-edge research — that’s what made her stand out. She has the experience of being able to do exactly what we need done.”

Tayebi is not a dentist, although her research focuses on hard and soft tissue engineering, which has many practical applications for dentistry. Her passion for applied research, in fact, is what drew her to the opportunity at MUSoD. “I’ve always wanted to be closer to clinicians,” Tayebi says. “Working directly with clinicians gives me the opportunity to focus on something applicable. What we do here [in the Delta Dental laboratory] is all related to meeting people’s needs and improving their health.”

Dr. Lobat Tayebi

Continued on page 3

Researcher Profile: Lobat Tayebi

As Dr. Tayebi works to expand MUSoD’s research activity, she is advancing her own research in tissue engineering and three-dimensional printing. For dentistry, the applications are hugely beneficial. The degradable scaffolds she engineers have the potential to replace the use of foreign objects in the body — metal implants, for example — with more bio-safe materials that can act as stabilizers, then dissolve over time so they can be eliminated by the body. She builds this scaffolding from polymers that she’s learned to program to stay rigid for the length of time needed, depending on the situation “After awhile, it’s just your own tissue there and not external materials that may cause problems over time, such as allergic reactions.”

Her collaboration with electrical engineers also has led to the development of tissues that, via electromagnetic stimulation, fuel the body to heal faster. Growing up in Iran, Tayebi quickly discovered a strong aptitude for math. After graduating from the highly selective Sharif University of Technology with a bachelor’s degree in physics, she wanted to broaden her worldview and set out for North America. In 2007, she earned a master’s degree in engineering physics from McMaster University in Ontario, Canada, and in 2011, received her doctorate in applied sciences from the University of California-Davis.

At UC-Davis, Tayebi wowed her colleagues with A+ grades in math classes that had defeated students before her, and she was encouraged repeatedly to pursue a field where she could use her extraordinary powers of computation. “But that was not what I wanted to do,” she says. “I want to be able to conduct high-quality, multidisciplinary therapeutic research and create breakthroughs in human life and health. I have the ability to approach scientific problems analytically, and I want to be a great scientist who will be known for her valuable research of benefit to human health.”
Measurable Momentum

Although Marquette Dental School is well known for its unparalleled clinical training, a number of faculty have long been involved in research, with consistent publication in key industry journals. But Bradley’s appointment and Tayebi’s arrival are already catalyzing impressive year-over-year progress.

Bradley ticks off the metrics used to measure the school’s research activity: grant funding, published articles in high-quality journals, published book chapters, national meeting presentations and master’s thesis projects.

“During the first few months of 2015, we have doubled what we are doing on every metric except for the graduate thesis projects,” he says, explaining that the number of graduate students has remained constant so that metric would not be expected to move.

At the March 2015 American Association for Dental Research (AADR) meeting in Boston, for example, Marquette contributed 14 presentations, up from three at the 2014 meeting, from a mix of faculty, graduate students and predoctoral students. The school has also submitted nine proposals that seek funding from the $5 million strategic innovation fund President Lovell created to invest in innovative ideas and entrepreneurial initiatives that align with the priorities of the university’s strategic plan.

Bradley says the Dental School is aiming to exceed the university’s goal of doubling research expenditure by 2020. “We are building a critical mass of faculty with specific areas of expertise that align,” he explains. “And we want to become nationally recognized in those areas. Our goal is to bring Marquette up in the ranking order in regard to breadth and quality of research.”

Dedicated Expertise

The Dental School took a major step toward this goal in bringing on Tayebi, an accomplished researcher and unparalleled collaborator with an impressive publication record. In 2011, she walked into an empty lab of a new research center OSU had established in Tulsa. During her three years as an assistant professor and researcher there, that lab generated more than 40 peer-reviewed journal articles in well-respected publications.

“She has the ability to make connections with other departments, to bring in their expertise,” says Ken Ede, associate director of the graduate program in Environmental Science at OSU and Tayebi’s former supervisor. “If you look at her publications, the most remarkable thing is how interdisciplinary they are. In fact, she won an award for interdisciplinary research in 2014 [OSU’s President’s Cup for Creative Interdisciplinarity]. She is someone who will go outside her department to chemistry, biology, engineering, to collaborate.”

Tayebi says joining forces with other experts is not only a key driver of her productivity but absolutely necessary to accomplish her ambitious research goals. “I want to work on major problems,” she says. “The kinds of problems that, if solved, could win the Nobel Prize. If we want to do the big work, we need to collaborate. Lots of experts across disciplines are working on their own solutions to the same problem. I like to connect them together.”

Collaborating across institutions, both nationally and internationally, is another strength of Tayebi’s. “When I need help on a project, I need to have the best people in place,” she says, matter-of-factly. Her strong reputation means she can usually persuade top experts to work with her. “I play win-win,” she explains. “They know I won’t waste their time. I don’t take advantage of anybody, and I don’t let anyone take advantage of me. Any faculty who work with me know that something will come of their research. The time they spend with me will ultimately get into a publication or a product.”

Visiting scholars were a fixture in Tayebi’s OSU lab. Although that lab was part of the Material Science department, upon arrival at OSU Tayebi shifted the focus of her research from biomaterials to the more clinically applicable area of tissue engineering. Working with visiting scholars enabled her to quickly advance her own knowledge in this area and advance her research projects more efficiently.

Tayebi does have a fundamental rule for all of her visitors: What comes into the lab stays in the lab.

“The rule of my lab is that all the protocols should be shared,” she explains. “You don’t come to the lab, do something and then take all the protocol when you go. Then the next person would have to do everything from the beginning. I like to make the road ready for the people who are coming afterward. This way, the lab will be going in the direction of being more productive every year. I call that a sustainable lab.”

Student Involvement

In addition to collaboration and sustainability, Tayebi’s vision for the Delta Dental lab emphasizes involvement with students. She and Bradley believe that research adds an important dimension to their dental education.

Our goal is for more and more of our students to have good research experiences,” Bradley says. “Students are very interested in it. We’ve done surveys of incoming classes, and one thing they request is opportunities for research.”

Tayebi says while it can be exciting to contribute to a piece of published work, a research experience in dental school lays a foundation for lifelong learning. “They’ll be trained on how to interpret articles, look to the evidence, and critically analyze what they are being told by companies that introduce new ways of doing things.”

Adds Tayebi, “Students have to learn to deal with problems where we don’t know the solution. In class, we mostly show them solutions. I want this to be a kind of class that is not traditional. I want them to learn how to deal with new problems, and to be creative in developing solutions.”

Mina Fahmy, D1, was the first MUSoD student to approach Tayebi, well before the lab began acquiring any equipment.
to express his interest in publishing. So far, he has completed two book chapters with Tayebi, one of which is published ("Green Chemical and Biological Synthesis of Nanoparticles and Their Biomedical Applications") and one that is pending publication ("Nanobiomaterials in Periodontal Tissue Engineering"). A third project will focus on craniofacial defects.

Through research, Fahmy is learning more about dental specialties, which may help him decide whether to pursue graduate training. He expects to use research regularly to improve his clinical practice as well as pursuing it in the academic realm, which he envisions as part of his long-term career.

Because Fahmy enjoys research, he makes time for it even with a very full first-year schedule. But it’s not easy. “There are a lot of students who find it intriguing, but they are turned off because of how intense our schedule is,” he says. “They think their grades would fall, and that is a possibility because research does take time.” Fahmy would like to see the Dental School make room in the schedule for dedicated research time. Bradley and Tayebi agree, and are exploring the possibility of creating a research track as a way to provide interested students more opportunities as well as transcript credit for their research time.

**Thinking Big**

Tayebi’s most ambitious grant proposal since coming to Marquette is now awaiting review at the National Institutes of Health (NIH). The proposal seeks funding from the National Institute of Dental and Craniofacial Research to establish a multi-institutional tissue-regeneration resource center for dental, oral and craniofacial defects by applying three-dimensional printing techniques.

In pursuing this grant, Tayebi has assembled a formidable team of collaborators from nine universities and two corporations. Her dream team includes Dr. Anthony Atala, director of the Wake Forest University’s Institute for Regenerative Medicine and one of the world’s most influential scientists in regenerative medicine. If Atala’s name sounds familiar, it’s because he routinely breaks new ground in tissue engineering that garners significant press coverage. It was Atala who created the world’s first tissue-engineered organ in 1997 (a bladder) and the world’s first cloned organs (small cow kidneys), and in 2007 discovered a new class of stem cells in amniotic fluid, to name a few of his accomplishments.

Tayebi’s other co-principal investigator is Dr. John Rhee, a double-board-certified otolaryngologist and facial plastic and reconstructive surgeon who chairs the Medical College of Wisconsin’s department of Otolaryngology and Communication Sciences. Rhee has held multiple NIH-funded grants in aspects of clinical care including skin cancer and surgical nasal airway correction. He has co-authored more than 100 scientific publications, and was named editor of *JAMA Facial Plastic Surgery* in 2014.

Eighteen additional co-investigators round out the team, including Bradley and the Dental School’s Dr. David Berzins, Dr. Martin Corsten, Dr. Dawei Liu, Dr. Andrew Dentino, Dr. Jeffrey Toth, Dr. Geoffrey Thompson, as well as Director of Dental Informatics Thomas Wirtz. Others hail from across the university and across the country. Scientists from Marquette’s department of Mathematics, Statistics and Computer Science, as well as its department of Speech Pathology and Audiology in the College of Health Sciences, are participating. So are top experts from Georgia Tech, Harvard-MIT’s division of Health Sciences and Technology, Louisiana Tech University, North Carolina State University, the University of North Carolina, Stanford University and the Medical College of Wisconsin.

“For something like this, you have to have a variety of expertise — specialists for biomaterials, scaffold design, bioprinting, bone vascularization, growth factor delivery, stem cell therapy and imaging,” Tayebi explains. “I tried to put the best people in each discipline in place.”

Tayebi explains that NIH solicited this competitive proposal and required applicants to anchor their proposed consortiums with a specific project. “Ours is using 3-D printing for craniofacial large bone defects, both soft tissue and hard tissue expansion.” If the team wins the funding, she says, the three-phase project would run for up to nine years, with Marquette as the lead institution.

“Our vision for the School of Dentistry is to be a leader in oral healthcare research,” Bradley says. “With all that we have in progress, we are well on our way to making this a reality.”

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Dr. Tayebi works with Mina Fahmy, D1, in the new Delta Dental Research Laboratory.
Research Spotlight:
Improving Nasal Surgery Outcomes
Dr. Lisa Koenig Professor and Director, Predoctoral Program in Oral Medicine and Oral Radiology

Dr. Koenig, D’87, looks at how the imaging technique of cone beam computed tomography (CBCT) can be applied in dental specialties, the role of accessory canals in the spread of perineural tumors, and web-based educational systems that assist in radiographic interpretation. Currently, she is working with the Medical College of Wisconsin on a National Institutes of Health-funded project entitled “Creating Virtual Surgery Targets and Tools to Improve Outcomes of Nasal Airway Surgery.” The principal investigator is Dr. John Rhee, chair of the Medical College of Wisconsin’s department of Otolaryngology and Communication Sciences. The R01 grant runs for two years, and the study’s goal is to develop a virtual nasal surgery tool for clinicians that will help improve patient outcomes. Koenig notes that about 35 percent of nasal airway (NAO) obstruction surgeries fail to correct patients’ symptoms. The Medical College researchers found in a previous study that certain biophysical variables discriminated between pre- and post-surgery states, and correlated with patient-reported symptoms.

The current study seeks to determine normative values for these variables as targets for surgery, optimize virtual nasal surgery by breaking down common surgical procedures into grouped systematic steps, and explore the impact of virtual surgery modeling on surgeons’ decisions.

Koenig’s role is to recruit subjects for the study among MUSoD patients who undergo CBCT scans at the Dental School for other reasons. Since October, Koenig has recruited 24 patients and hopes to have 54 at the project’s conclusion.

“Future steps will include the creation of user-friendly virtual surgery software for the clinician, and a prospective clinical trial to determine if virtual planning-guided surgeries are more successful than the current standard of care,” Koenig explains.

Research Spotlight:
Public Policy and Prevention; Use of Emergency Room for Dental Care
Dr. Christopher Okunseri Professor and Director, Program in Dental Public Health

Okunseri’s most recently submitted manuscript addressing emergency room use for dental care looks at the effect of travel distances to emergency departments among Medicaid enrollees. Okunseri did an oral presentation of this work at the International Association for Dental Research meeting in March.

This study builds on his earlier work to understand who uses the ER for dental care, and why. He has found that publicly insured individuals, for example, have a relatively higher incidence of ER use. “That ties into the issue of inadequate access to dental care for this population,” Okunseri says, adding that a key challenge is a lack of oral health care providers registered or willing to provide services to publicly insured patients.

“At the end of the day, we are trying to gather all the pertinent information to be able to move on to an intervention phase,” Okunseri says. “There is really no research in place to actually see which intervention works. So now that we know the effect of distance, who is most likely to use [the ER] and under what conditions, the next thing is to engage in some multi-disciplinary, multi-state intervention projects to really find out what would be the best way to reduce the use of the emergency room for dental care.”

Research Spotlight:
Progress Against Plaque
Dr. Andrew Dentino Professor and Director, Predoctoral Program in Periodontics

Dentino is a seasoned researcher who joined the MUSoD faculty in 1992. His research focuses on chemical mechanisms for controlling plaque, as well as designing “super surfaces” to repel bacteria.

He recently completed a multi-center Phase III clinical trial studying the antimicrobial product Arestin’s efficacy in treating peri-implantitis and is working on the manuscript for publication. Dentino says MUSoD specialists in periodontics and dental hygiene may do their own version of this study in the second half of 2015.

The Dentino lab is also in the second year of a project that involves manipulating polymers to create surfaces that shrug off bacteria. The study is funded by a Fortune 500 company interested in consumer applications for this novel technology. The company was attracted to the opportunity when its head of basic science research learned of a phosphated acrylic Dentino had patented and was developing with grant funding from the National Institutes of Health and help from his former post-doctoral scholar, Guojiang Wen. Oral bacteria were no match for the acrylic surface.

If the in-vitro model systems show promise for these materials, Dentino says he hopes to move into animal safety and efficacy studies next February.
Research Spotlight: Disparities in Dental Health Services

Dr. Pradeep Bhagavatula
Assistant Professor, Program in Dental Public Health

Dr. Bhagavatula’s research interests are twofold. He studies the epidemiology of dental diseases such as dental fluorosis and dental caries. He also examines the impact of social factors — such as insurance type, race, geographic location, and overall health — on the utilization of dental health services.

Since attending dental school in India, fluorosis has been a key area of interest for Bhagavatula. He remains involved with a fluorosis research project he joined while earning his master’s degree in Dental Public Health at the University of Iowa. The project began following children from birth; the subjects are now in their midteen years and Bhagavatula and his colleagues are studying factors such as impact of fluoride intake, and genetic predisposition to the condition.

Since coming to Marquette in 2008, he has focused on the types of dental services accessed by various populations. Grant support has enabled him to isolate certain factors, and he has published articles looking at differences in insured populations by race, as well as comparing services sought by insured populations in urban Milwaukee versus those in rural Wisconsin.

Currently, he has a manuscript under review that details findings on publicly versus privately insured Wisconsin children. “It’s along expected lines,” Bhagavatula says. “Those with public insurance like Medicaid seek more emergency care and are getting less regular preventive care.” He adds that his goal with this research is to inform and influence public policy. “If we spend less money on covering preventive services, we end up spending more on advanced procedures,” he points out. Along similar lines, he is reviewing national data to determine how people with chronic illness are accessing dental care.

Together with colleagues at the University of Washington, Bhagavatula recently secured a competitive grant from the American Dental Association’s Dental Quality Alliance (DQA). “The DQA developed some performance measures to help improve oral health and patient care, and they want to test the validity of those measures, using insurance claims information for adults,” he says. Bhagavatula and his team will gather public and private insurance data from Wisconsin, Washington, and Oregon to test these measures.

Bhagavatula is also working with Marquette predoctoral students to examine the impact of neighborhood characteristics such as access to fresh, healthy and affordable foods on dental caries in MUSoD’s pediatric patients.

ACTIVE FACULTY RESEARCH

David Berzins, B.S., Ph.D.
Interests: Thermal analysis of dental materials; setting mechanisms in dental materials; electrochemical properties of dental alloys
Active projects:
• MTA and calcium silicate cement setting mechanisms
• Resin-modified glass-ionomer setting reaction competition
• Properties and structure of nickel-free stainless steel wires
• Nickel titanium mechanical, electrochemical and thermal properties

Pradeep Bhagavatula, B.D.S., M.P.H., M.S.
Interests: Dental health services research; epidemiology of oral diseases
Active projects:
• Dental services utilization patterns of Wisconsin children and adolescents enrolled in public and private insurance programs
• Role of candidate gene polymorphisms, environmental factors and their interactions in etiology of dental fluorosis
T. Gerard Bradley, B.D.S., M.S.
Interests: Orthodontic materials; evidence-based clinical outcomes
Active projects:
• Coated orthodontic wires
• Mechanical properties of clear aligner systems
• Ceramic brackets and bonding characteristics

Aaron Cho, D.D.S., M.S., M.S., M.S.
Interests: CAD/CAM technology; implant and esthetic dental material; educational perception study
Active projects:
• Visual perception of measurement
• Digital cast analysis
• CAD/CAM denture analysis

Andrew R. Dentino, B.S., D.D.S., Ph.D.
Interests: Plaque control, mechanical & chemical; antimicrobial/anti-adhesive polymer systems; treatment of periodontitis & peri-implantitis with local drug delivery
Active projects:
• Anti-adhesive anionic polymers as anti-plaque agents
• Phase 3 clinical trial on employing minocycline microspheres in the treatment of peri-implantitis

Cesar D. Gonzalez, D.D.S., M.S.
Interests: Oral health in children; caries risk assessment in children
Active project:
• Oral health in Head Start populations

Brian D. Hodgson, D.D.S.
Interests: Near infra-red phototherapy; evidence-based clinical outcomes; patients with special health care needs; cancer therapy-induced oral mucositis
Active projects:
• Panoral vs. Intra-oral bitewing radiographs for caries detection
• Molar-incisor hypomineralization
• Third-molar development in eight-year-old children

Lisa J. Koenig, B.C.H.D., D.D.S., M.S.
Interests: CBCT applications in the dental specialties; role of accessory canals in perineural tumor spread; tele-educational system for radiographic interpretation
Active projects:
• CBCT applications for companion animals
• Tools to improve outcomes of nasal airway surgery
• Retromolar foramen and perineural tumor spread
• Bitewing comparative study

Christopher Okunseri, B.D.S., M.S.
Interests: Oral epidemiology and oral health disparities; health services research: service delivery, access to care, policy and cost/quality of care; oral health prevention and health promotion
Active projects:
• Dental care and emergency departments
• Dental service utilization in children, adolescents and adults
• Preventive care services

Soni Prasad, B.D.S., M.S., F.A.C.P.
Interests: Implant outcome measures; titanium; CBCT-based implant planning
Active projects:
• Clinical trial entitled, “A Prognostic Model for Implant Restorations Based on Clinical and Patient Information”
• CBCT-based implant planning

Ezedin M. Sadeghi, D.D.S., M.S.
Interests: Head and neck syndromes; clinical and histopathologic evaluation of the odontogenic lesions; clinical investigation of oral mucosal lesions
Active projects:
• Monthly report of selected clinical cases of oral lesions in WDA monthly publication
• Investigation on oral cancer
• Investigation on clinical behavior of odontogenic tumors

Amir Seifi, D.D.S., M.S., Ph.D.
Interests: Oral cancer awareness, prevention and risk assessment
Active project:
• Oral cancer awareness among MUSoD patients

Gary L. Stafford, D.M.D.
Interests: Evidence-based dentistry; dental education costs and benefits
Active projects:
• Comparison of dental school administrative structures
• White paper on dental education costs

Geoffrey A. Thompson, D.D.S., M.S.
Interests: Dental materials; standards
Active projects:
• Articulated maxillary cast position
• Die space thickness with CAD and 3-D printing technology

Jeffrey M. Toth, B.S., Ph.D.
Interests: Tissue engineering; bone grafts and bone graft substitutes; osteoinductive substances and materials; retrieval and implant analyses
Active projects:
• Delivery of osteoinductive proteins on implants
• Pre-clinical testing of orthopaedic and dental biomaterials
• Retrieval analysis of explanted spine devices and dental implants
Distinguished Alumnus in Dentistry Award
Dr. Timothy O. Ward, D’76
Kilmarnock, Va.

As a clinician, Timothy is driven by what he calls the noble mission of the Department of Veterans Affairs, having served as assistant undersecretary for health, in which capacity he was responsible for the oral health of more than 5 million veterans seeking medical care.

“As stated by President Lincoln, we are ‘to care for him who shall have borne the battle and for his widow and his orphan.’ I feel privileged to be part of a larger organization that provides an important service,” he says.

Timothy has presented more than 100 lectures on managing the medically compromised dental patient and has been involved in the clinical and didactic education of dental and medical students, residents and practicing clinicians. Additionally, he developed and implemented a two-year VA fellowship for physicians and Ph.D. scientists in war-related illnesses and injuries while in the VA Office of Academic Affiliations.

His short-term plans include finalizing a research project he began as a principal investigator in conjunction with the Department of Defense that will examine the outcomes of 160 veterans with cranial implants, fabricated by prosthodontists, after severe cranial trauma. It will be, to date, the largest outcomes study for that type of surgical care.

“I think, at the end of the day, if you can look back and feel you have made the world a little better place, you have done all right,” says Timothy, who is a diplomate of the American Board of Oral and Maxillofacial Surgery. “Marquette instilled in me the importance of being professional and what it means to be part of a profession.”
Outstanding Dental Service Award
Dr. Paul E. Lovdahl, D ’70
Bellingham, Wash.

Paul is retired from private practice and now derives great satisfaction from working in missions and low-income clinics to provide dental services to people who are otherwise unable to access them.

“To me, success has less to do with what others might think and more to do with the satisfaction of making a valuable contribution to the community,” he says.

Paul also teaches endodontic surgery in Argentina, something he has done for nine years, and, recently, in an attempt to help increase services, became an employee of a community clinic at which he has been a volunteer for 21 years. Further, he has worked at another low-income community clinic for seven years and been involved with a mission project to indigenous tribes in central Mexico for 13 years.

Paul’s passion for work on behalf of the underserved was ingrained in him from the beginning of his time at Marquette. That became incredibly clear to him in the early 1990s, when he was appointed to the Washington State Dental Disciplinary Board, a regulatory arm of the state department of health. One day, he was chatting with two other board members about how they had been nominated by their local dental societies.

“It turned out that the other two had also benefited from Catholic education, which instilled in us strong ethical foundations and willingness for service. I owe these qualities to Marquette,” he says.

Young Alumna of the Year Award
Dr. Allison Rhodes Dowd, D ’01
Middleton, Wis.

For Allison, finding the right professional fit meant joining a practice that had an established model for taking care of the underserved, which aligns with her priorities of making a difference in her patients’ lives every day.

Says Allison of working at the Children’s Dental Center of Madison: “Not only are my colleagues all great dentists, but they’re great family men. They have found a balance between work, family and faith and have helped guide me as I find mine.”

In addition to her daily professional responsibilities, she teaches pediatric dentistry to the residents of the Meriter Hospital Max Pohle Dental Clinic, delivers care to children in the Dane County Headstart and Give Kids a Smile programs, and treats children whose insurance is limited to Medicaid.

Past roles have included working with the Wisconsin Dental Association Mission of Mercy, serving as a trustee for the Dane County Dental Board and on the WDA Bylaws committee, and lecturing on behalf of the WDA and Children’s Health Alliance of Wisconsin.

“Every extracurricular dental organization that we work with contributes to society in different ways,” says Allison, who, during her free time, is working toward her black belt in karate. “Starting at Marquette, then through my residency in Colorado and finally, in my private practice, I have been fortunate enough to have been surrounded by dentists who do the right thing — in their professional and personal lives. I just try to do what I know the best that I know how.”
The Texas A&M University System Board of Regents recently awarded Dr. Ronald Woody, D ’63, professor emeritus status for his contributions to the college’s restorative sciences department. Woody retired in 2013 after 30 years at the dental school, two decades of which were spent as director of the prosthodontics residency program. During that time, he helped develop the 20-course curriculum covering fixed and removable prosthodontics. In addition, Woody spent 10 years as director of implant dentistry of the department. Prior to coming to Texas A&M Baylor College of Dentistry in 1984, he served in the U.S. Army Dental Corps, directing research and residency programs for 21 years.

Dr. Peter Polverini, Arts, ’69, D ’73, received one of the University of Michigan’s top honors when he was named the Jonathan Taft Distinguished University Professor of Dentistry. Dr. Polverini is the first from the University of Michigan School of Dentistry to receive the prestigious distinction.

Dr. William Bachand, D ’79, is associate professor in the department of oral rehabilitation at Georgia Regents University. Prior to joining Georgia Regents in 2013, he completed 34 years of service with the U.S. Army Dental Corps. His last assignment was in Heidelberg, Germany, as the Commander of the Europe Regional Dental Command.

Three Marquette School of Dentistry graduates are serving as officers and trustees within the California Dental Association (CDA) and CDA Foundation.

Dr. Kevin Keating, Grad ’81, is the CDA’s current treasurer. Keating specialized in endodontics at MUSoD. He owns practices in the Sacramento, Calif., area and has served as president of the Sacramento District Dental Society and president of the Sacramento District Dental Association Foundation. He has served on the Board of Directors for both the American Association of Endodontists and the Foundation for the American Association of Endodontists. He is on the faculty at the University of California, San Francisco, School of Dentistry, and is a diplomat of the American Board of Endodontics.

Dr. Elizabeth Demichelis, D ’91, is an immediate past CDA trustee and current trustee for the CDA Foundation, an organization that works to increase access to dental care in underserved populations in California. She owns a private practice in Modesto, Calif. She has also served as president of the Stanislaus Dental Society and its foundation. She is a member of the International College of Dentists and the Pierre Fauchard Academy.

Her MUSoD classmate Dr. Gerald Middleton, D ’91, was his graduating class’s Outstanding General Dentist Award winner. Dr. Middleton is a CDA trustee and owns a private practice in Riverside, Calif. He has served as president of the Tri-County Dental Society and has been honored with fellowships in the American College of Dentists and in the Pierre Fauchard Academy.
Dr. Bruno W. Kwapis, D’48, celebrated his 90th birthday last July. Kwapis was a founder of the Southern Illinois University School of Dental Medicine and chaired its department of Oromaxillofacial Surgery from 1972 to 1992, when he retired as professor emeritus.

Kwapis is the youngest of five children of Polish immigrants who settled in Niagara Falls, N.Y. After receiving his D.D.S. from MUSoD, Kwapis completed a residency and graduate degree in oral surgery. He was drafted into the U.S. Army shortly after graduate school and was stationed in Seoul, Korea, as a lieutenant in the Dental Corps.

During his service in Seoul, he documented the management of more than 200 maxillofacial injuries using a 35mm camera. The documentation later served as a basis for a published paper in the *Journal of Oral Surgery*. Kwapis’s Korean War slide collection is now housed at the Pritzker Military Library and Museum in Chicago.

In 2014, the School of Dentistry sent out an electronic survey to assist the school in completing a continuing education needs assessment. A sampling of alumni from the Classes of 1986-87, 90-91, 94-95, 98-99, 2002-03, 06-07 and 10-11 were selected to participate in the survey and the response rate was above average.

Alumni were asked to mark how prepared they were at graduation to be a safe, beginning practitioner in a key academic areas. The overwhelming majority (greater than 90%) of alumni rated themselves as prepared in operative dentistry, fixed prosthodontics, dental materials, oral radiology and ethics. It is interesting to note that the ratings from across 25 years of classes were consistent in each of these areas. It is no wonder Marquette has a reputation for producing well-trained clinical dentists with solid ethical principles. The lowest rated areas were in managing a dental practice. More experienced practicing dentists reported being less prepared than recent graduates in practice management. Training in implant dentistry and evidence-based dentistry has been increased substantially in the last five years with most recent graduates reporting strong preparation in evidence-based dentistry and emerging preparation in implant dentistry.

**How Alumni Stay Connected with the School of Dentistry**

- **Contact with former classmates**: 84%
- **Contact with faculty**: 39%
- **MUSoD reunion**: 47%
- **Reception at dental meeting**: 39%
- **Newsletter**: 43%
- **Facebook**: 27%
- **Dental Images**: 64%
- **Continuing education**: 39%
- **Contributor/donor**: 23%

Other responses included the mentor program, being a faculty member and serving on the alumni board.
Brian and Janet Childs: Sharing life and work

Dentistry has always been central to Brian and Janet (Sierra) Childs’ life together. They met in their earliest days at the Marquette University School of Dentistry, during a September hayride, and began dating a few weeks later. “We were talking marriage by January and got married that July,” remembers Brian, D’94.

The couple’s first child, Kevin, was born during their D2 year. Janet, D’94, says that spouses of fellow students babysat Kevin while the couple attended classes. “They say it takes a village, and it really did,” Janet says. “We called Kevin the class mascot.”

Paths to Dentistry
Brian and Janet hail from opposite ends of the country. He grew up in Niles, Mich., and she in Miami. Janet remembers how much she loved her first winter at Marquette. “Snow was such a novelty to me,” she says, laughing. “I’d wake roommates up at night just to say, ‘It’s snowing!’”

Brian attended Marquette as an undergraduate and planned to go to medical school, but a family friend — a dissatisfied physician — urged him to consider a field like dentistry instead. Brian talked with two dentists in his hometown and was convinced by their love for their work. He was soon accepted into Marquette’s dental program.

Janet’s attraction to dentistry began when she took a part-time job as a dental assistant and found the field both fascinating and flexible. “I liked that I could be both a mom and a dentist and wouldn’t have to give up one or the other,” she says.

In 1996, the couple opened a joint practice, Childs and Childs Dentistry, in Naples, Fla. “It worked out really well because we complemented each other’s strengths,” Janet says. Brian performed the surgeries, implants and root canals, and Janet treated most of their pediatric patients. Over time, they began to focus mainly on cosmetic and implant dentistry, although Brian says he still performs “lots of root canals and restorative dentistry.”

Service Far and Near
In 2009, Brian made a life-changing mission trip to Haiti with the nonprofit Hope for Haiti, which was founded by two of his patients. He spent a week traveling over rough jungle roads to tiny villages, setting up a mobile dental clinic and treating people with severe dental problems who had never visited a dentist in their lives. “Some days we extracted hundreds of teeth,” Brian says. It was hot, tiring work, but he was hooked. He has returned to Haiti every year since, and now serves on Hope for Haiti’s board of directors.

Closer home, he and local colleagues set up Dental Outreach of Collier County, which provides dental care to uninsured, underprivileged people around Naples. Janet has done similar work with Christina’s Smile, an organization linked to the PGA Tour. It offers charitable dental work to underprivileged kids who live in communities that host tour events.

Brian says he feels a responsibility to help. “From my office windows I can see the Gulf of Mexico and palm trees blowing in the breeze, and it would be very easy to take all this for granted,” he says. “I do this for my children, so they can see how a person should give back.”

The focus on giving back was instilled in them at MUSoD, where Janet says they learned to think of serving others as a key part of practicing dentistry. Brian says he often thinks about the call to “Be The Difference,” and has even used the phrase to motivate his staff when they huddle every morning. “We’ve been very, very blessed, and so the least we can do is help those who haven’t been dealt the best of hands,” he says.

Reflecting on their time at MUSoD, the couple thinks fondly of that “village” of fellow students who became like family. Janet’s sister was in dental school at a different university around the same time, and told Jan tive atmosphere at Marquette. “It was everyone looking out for each other,” Janet says. “It was a real sense of community.”
Karl Boddy recalls the story with a laugh. He was out with a friend, who casually mentioned something about Karl’s false teeth.

False teeth? What?

“They’re not false!” he told his friend. “I’ve had plenty of dental work. Then again, if you didn’t know, you might think they were, given how good they look.”

Almost five years ago, it’s not a conversation Boddy would have dreamed of having. In fact, there’s probably a good chance his friend wouldn’t have even seen his teeth. Boddy didn’t smile, opened his mouth as little as possible — and when he did need to talk, usually covered his mouth with his hand.

He always took care of his teeth — he had no major cavity problems — but calls himself accident prone. Years ago, he broke his jaw. He had caps put on his back molars, which eventually wore out. His front teeth were making contact in the wrong places, causing uneven wear.

“I was never going to be a toothpaste model;” he says.

Little by little, Boddy’s oral health deteriorated. His family dentist said he couldn’t fix the problems, so Boddy went to another one who recommended a piecemeal approach to care to the tune of $40,000. Boddy was flabbergasted at the price and said no. His oral health worsened, as he knew it would, which prompted another visit with another provider. That quote for care was $35,000. No again, decided Boddy, a field operations manager for a railroad construction company who lives in Scandinavia, Wis., a small town northwest of Appleton. And given the amount of travel he did for work, how would he even make time for appointments?

“I know everybody, and everybody knows me. There was no judgment of my teeth, but I wasn’t happy,” he says.

Then he saw a commercial for false teeth. At age 42, he told himself there was no time like the present.

At his clinic intake appointment to start the process for replacement teeth, he told his story to the resident, who happened to be a Dental School alumnus. He told Boddy his teeth could be restored instead of extracted and encouraged him to write a letter to Marquette’s general dental clinic detailing what he needed and requesting to be a patient.

“The rest, as they say, is history,” Boddy says.

On Oct. 28, 2010 — he knows the date because he still has a copy of the clinic appointment printout — he began what he calls his life-changing journey.

He and the team in the Prosthodontics Clinic mapped out an extensive treatment plan. And for almost two years, Boddy traveled twice weekly to the School of Dentistry for his appointments, fitting them in around his professional commitments that include managing more than 100 employees in the upper Midwest. He had extensive gum and root work and crown-lengthening procedures to his upper and lower eight teeth. He even had temporary teeth. There was pain, yes, and there was stress, but what made the commitment worth it, he says, is the care he received from the faculty and staff.

“They knew me and knew about my family and hobbies. I’d walk in every time and be greeted with a smile,” he says. Looking back at X-rays and pictures of his gum and teeth, Boddy says his mouth was “nightmarish” and that he can’t believe the “artistry” needed to complete his oral health turnaround.

“I always say that I’ve had so much work done and know so much about teeth that I could be a dentist if the world were coming to an end,” he says. “I truly don’t think that winning the lottery could make me feel as good as I do about my teeth.”
First-Generation College Graduate Pursues Distinctive Path to Dentistry

Navorris Smith took what he calls the “nontraditional” route to dental school. Growing up in the tiny southeastern Arkansas town of Eudora, he knew few neighbors and peers who were college bound. But even at a young age, the 2015 Marquette School of Dentistry graduate understood the value of education and was determined to be the first in his immediate family to graduate from college.

Smith entered the University of Arkansas at Little Rock thinking he might become a doctor. But midway through his time as an undergraduate he began to realize that a doctor’s long hours and on-call demands didn’t align with his vision of himself as a future family man.

“I was raised in a single-parent home. My father wasn’t around,” Smith says. “I knew I wanted to be different. I want to be around my kids as much as possible when I start a family.” He began exploring dentistry, and the dentists he shadowed assured him that the profession could indeed offer a rewarding health-care career with a measure of flexibility.

With his biology degree in hand, Smith applied to a dental school in Tennessee, but when he wasn’t accepted, he took a job as a laboratory technologist for the American Red Cross in Little Rock. “They knew I wanted to go to dental school before they hired me. I’d told them my intentions,” Smith says. This proved helpful when Smith was accepted in 2010 to Marquette’s College Science Enrichment Program (CSEP), a six-week summer program that helps participants from disadvantaged backgrounds develop the academic skills to better prepare them for the rigors of dental school.

Taking leave from the Red Cross, Smith made his way to the unfamiliar territory of Milwaukee and Marquette. He’d never left Arkansas, but an uncle who had long lived in Milwaukee encouraged him by talking up the school’s strong reputation and the city’s diversity.

Smith thrived in the CSEP, enjoying the hands-on experience of the simulation lab, the friendly faculty and the academic challenges. With a laugh, he acknowledges that the days — which sometimes extended to 13-plus hours including an evening Kaplan prep course for the Dental Admission Test — were “pretty intense.” However, the program solidified his decision to keep pursuing dentistry, and post-CSEP, he applied to and was accepted at MUSoD.

Because of Smith’s background and participation in CSEP, he qualified for Marquette’s Pre-Enrollment Support Program, a summer experience designed to help prepare him for what lay ahead in the predoctoral program.

“They give you a course load very similar to that of a first-year dental student,” Smith explains. “It gave me good insight into how I should approach dental school and it really helped me with time management. I knew there were going to be some hard times, but I also knew after taking that program that I could do the coursework.”

Post-graduation, Smith is headed to Cleveland to complete a one-year general practice residency at St. Vincent’s Charity Medical Center. Eventually, he would like to return to the Little Rock area to practice dentistry.

Smith believes the preparatory programs that gave him the skills and confidence to succeed are invaluable. “They provide students from disadvantaged backgrounds with the opportunity to pursue their careers, even when the [career] path may not be as straight.”

Facilitating these opportunities offers a clear benefit to patients as well, Smith says, because participants are inclined to return to serve their communities. “The people who enter these kind of programs want to give back,” he says. “That’s very high on a disadvantaged student’s priority list because they know where they came from, they know how hard it is and they want to make things better for the next person.”
CLASS of 2015
Hooding and Graduation

Anna Kirchner, Rachel Engel, Susan Safford and Alexandra Frank

Brian Specht, Michael Moran, Timothy Gainey, Tyler Quinn and Christopher Gorski
Laura Moerer, Brian Michel, Kevin Sanders, Wyatt Checketts and Amanda Berndt

Michael Stangler, Andrew Welles, Thomas Korte and James Kolstad

Mina Girgis, Nicholas Dwan, Christopher Hambrook, Thomas Korte, John Girgis, Jake Jacomet, Joseph Karlen, Kevin McGinn, Adam Hammerbeck, Jason Meinhardt and Nicolas Tseffos

Erine Attalla, Susan Kang, Kola Xiong and Linh Tran

Andrew Welles, Alexandra Frank, Thomas Korte, Matt Houting and Adam Hammerbeck
Jason Meinhardt, Norah Hoverson, Kimberly Bauknecht, Rosa Barnes, David Kemper, Kevin McGinn, Mark Zelko and Rickin Vibhakar

Kevin Sanders, Angelica Sanchez, Kristine Schedler, Colleen Finlay, Allison DeLorme and Alexander Metzler

Mina Girgis and Navorris Smith

WHERE ARE THEY GOING?

Wisconsin residents staying in Wisconsin: 79%
Out-of-state residents staying in Wisconsin: 26%
Number of students entering public service: 10
Number of students going into the military: 5
Number of students going into graduate programs: 12
  Oral Surgery 3
  Orthodontics 3
  Pediatric Dentistry 3
  Endodontics 2
  Periodontics 1
Number of students going into post-graduate programs: 13
In the News

Dr. Clifford Hartmann, adjunct professor, dental developmental sciences, explained the importance of having infants’ teeth examined as early as age one. In the story, which aired on Wisconsin Public Radio on Feb. 3, 2015, Hartmann said he takes three children a week to the operating room by the age of three due to a painful childhood form of tooth decay.

Faculty Promotions

The following faculty members were promoted to new positions for the fall 2015 semester:

- **David Berzins**, general dental sciences, was promoted to professor.
- **Lynn Bryan**, dental surgical sciences/periodontics, was promoted to clinical professor.
- **Dr. Michael Grady**, general dental sciences, was promoted to clinical associate professor.
- **Dr. Gary Stafford**, general dental sciences, was promoted to associate professor with tenure.

Service Excellence and Leadership

Drs. Moawia Kassab and Conrad Nenn received an award from the Department of Justice (along with Beverly Taylor from Fox 6 news) for their efforts in providing dental care for individuals who are victims of a violent act. This award was part of the Department of Justice’s Honors program for National Crime Victims’ Rights Week.

Thomas Wirtz, director of informatics, was recognized with an Excellence in University Service Award on June 3. Wirtz is passionate about technology. However, his colleagues say he is more than just passionate — he’s innovative. “I like trying to find new ways to use technology to make a person’s work easier or more productive,” Wirtz says. “It’s rewarding and encouraging to help people learn a new skill.”

2015 Omicron Kappa Upsilon Inductees

Congratulations to the 2015 OKU inductees, from left: faculty inductee Dr. Seok Hwan Cho, Luke Noble, Lauren Murray, Eric Reigle, Susan Kang, Emily Hill, Michael Moran, Andrew Welles, Christopher Hambrook, honorary inductee Karen Camara, Alexandra Frank, President Dr. Ronald Santilli and President-Elect Dr. Richard Hagner.
Marquette ASDA Chapter Brings Home Top Honors

This delegation represented Marquette at this year’s ASDA Annual Session in Boston. The Marquette chapter won the Gold Crown Award in three categories: Quality of Newsletter Information, Best Website and Outstanding Activities. The Gold Crown Awards is an event ASDA holds annually to recognize individual chapter achievements.

Board Certification

Dr. Dawei Liu has successfully challenged the Part III portion of the American Board of Orthodontics and is now Board Certified. It should be noted that less than 50 percent of orthodontists go through these steps, which further represents Dr. Liu’s dedication to clinical excellence.

Thanks and Best Wishes

Dr. Ezedin Sadeghi, associate professor of Oral Pathology, Department of Surgical Sciences, is retiring after 35 years of service to MUSoD. We want to thank Dr. Sadeghi for his many years of service and wish him and his wife, who will be moving to Arizona, a healthy and happy retirement.

Jeanne Hoppe, clinical supervisor in the Clinic Director’s Office, will be retiring in 2016 after a long career at MUSoD. A retirement dinner is being planned for June 2016. If you are interested in receiving additional information about this event, contact Susan Dalsasso at susan.dalsasso@mu.edu.

ALPHA SIGMA NU INDUCTEES

MUSoD students Kevin Klar, D3, Eric Reigle, D4, and Allison Schubert, D3, were inducted into Alpha Sigma Nu, The Honor Society of Jesuit Colleges and Universities.
While annual gifts to support the Dean's Fund, scholarships and our various capital needs are essential, the estate or planned gifts we receive each year really make a difference. There are many ways to make a planned gift. Read below about how to simplify your charitable giving while maximizing your tax benefits. We can guarantee that 100 percent of your gift will be used for the exact purpose you specify.

LEAVING A LEGACY

Have you ever thought what your life would be like if you had not attended Marquette University School of Dentistry? What would you be doing now? Would you still have become a dentist? What about the friends and colleagues you’ve met along the way? What about the future of dentistry itself?

Sure, there were rough times in school and in practice. But look around and count the blessings your profession has provided for you and your family. Think of the hundreds and thousands of patients’ lives you’ve made better because of what you learned at the Dental School.

And then ask yourself if you’ve ever thought of how you can make Marquette and the future of dentistry a part of your legacy.

It makes sense that you support the organizations that share your values. By supporting the Marquette University School of Dentistry, you help Marquette perpetuate and pass on the values of academic excellence, faith, leadership and service to new generations of dental students.

Careful estate planning allows you to support the people and the causes you care about most. As you plan your estate, you can address your concerns for your family and ensure that taxes and administrative costs are kept to a minimum. This way, the people and causes you want to care for receive the maximum benefit from your assets.

It may be as simple as naming the Dental School as one of the beneficiaries in your will or your retirement plan. Naming the Dental School as a partial beneficiary of a retirement plan is an increasingly popular way to make a gift. Perhaps you have an insurance policy you no longer need. Gifts in retirement plans are easy to put in place and can be done by simply filling out a new beneficiary designation form. It usually does not require any changes to your will or revocable trust.

In addition to its simplicity, one of the other attractive benefits of making a gift through your retirement plan is the income tax savings. Tax-deferred retirement accounts left to your children are subject to income tax when they make withdrawals; however, if the accounts are left to Marquette, the university does not pay income tax and the Dental School is able to benefit from the full value of the assets. Because of this tax treatment, a growing number of donors choose to make their charitable provisions in their retirement accounts and leave other assets to their children.

You can create a legacy for the Marquette University School of Dentistry. To learn more or to arrange a meeting with one of our planned giving professionals, contact Dave O’Neill at the Dental School at 414.288.6048 or david.oneill@marquette.edu, or Jim Krogmeier in the Office of Planned Giving at 414.288.6589 or james.krogmeier@marquette.edu.

Planned Giving Recognition Society

Marquette University’s St. Ignatius Legacy Society was established to recognize and honor those who have created personal legacies at Marquette through an estate provision or planned gift. Let us show our gratitude now for your future generosity. To learn more about including Marquette in your estate plan or about our St. Ignatius Legacy Society, contact Dave O’Neill at 414.288.6048 or david.oneill@marquette.edu.
NOTHING ENDURES LIKE A HEALTHY SMILE.

Include the School of Dentistry in your estate planning.

Your planned gift will ensure that generations to come will benefit from competent, compassionate care and leave a legacy of healthy smiles that will continue to make lasting impressions.

Learn more about how you can support the School of Dentistry through a planned gift. Contact Dave O’Neill at the Dental School at 414.288.6048 or david.oneill@marquette.edu or Jim Krogmeier in Planned Giving at 414.288.6589 or at james.krogmeier@marquette.edu.
IN MEMORIAM

REMEMBERING OUR OWN

The Marquette University community joins in prayerful remembrance of those who passed away between January and June 2015. May the souls of the faithful departed rest in peace. Eternal rest grant unto them, Lord, and let perpetual light shine upon them.

1941
Lois A. Litzow
Rochester, Minnesota

1945
Arthur J. Fahrner
Plover, Wisconsin

1946
John A. Peterson
Stockton, California
Pasquale J. Renna
Schenectady, New York

1948
Charles J. Seifert
Sheboygan Falls, Wisconsin

1950
Robert B. Ippel
Wausau, Wisconsin

1951
Kenneth A. Johnson
River Falls, Wisconsin
Richard A. Toutant
McHenry, Illinois

1952
James R. Hutchinson
Superior, Wisconsin
Francis A. Ziegeltbauer
Chandler, Arizona

1953
Patrick J. Murphy
La Crosse, Wisconsin
Richard L. Rech
Lady Lake, Florida

1955
Edward G. Porter
Delafield, Wisconsin

1956
Thomas J. O’Brien
Milwaukee, Wisconsin

1957
Richard H. Parra
Yorba Linda, California
Carl M. Regenfelder
Milwaukee, Wisconsin

1958
Edward W. Zwicker
Deland, Florida

1959
Michael P. Cavanaugh
Random Lake, Wisconsin
Wilford H. Geddes
Ogden, Utah

1960
Michael A. Weinzierl
Green Valley, Arizona

1963
Thomas J. Barry
Green Bay, Wisconsin
Peter P. Chiodo
Salt Lake City, Utah

1967
John M. Dickens
Saint Charles, Illinois
William N. Eklinger
Watertown, Wisconsin
George P. Lorio
Los Alamos, New Mexico

1968
Verdine Boschee
Kiowa, Colorado

1970
James F. Weisgerber
Defiance, Ohio

1973
Barry W. Baumann
Wauwatosa, Wisconsin

1977
Gregg A. Leonardson
Eau Claire, Wisconsin

1984
Jerome M. Potts
Green Bay, Wisconsin

2007
Elizabeth D. Hathcock
Columbia, South Carolina

We are saddened by the passing of our dear friends and colleagues

Dr. Barry Baumann passed away unexpectedly on January 31, 2015. Dr. Bauman served as an Adjunct Professor in the Department of General Dental Sciences for more than 40 years.

Dr. Harold Gerstein. Professor Emeritus, passed away last year at the age of 92. Dr. Gerstein was a pioneer in the field of endodontics and served on the full-time faculty for many years at Marquette University School of Dentistry as Chair of Endodontics.

Mary M. Melter passed away unexpectedly on April 10, 2015. Mary was a long-time employee of Marquette University School of Dentistry and served as office associate in the Department of General Dental Sciences.

Jane Piering died after a courageous battle with cancer on September 13, 2014. Jane worked at Marquette University for more than 30 years and served as group coordinator for Practice D.
MARK YOUR CALENDAR  Continuing Education and Alumni Relations
For more information on these and other events, call 414.288.3093
or visit www.marquette.edu/dentistry.

SEPTEMBER

September 11  Continuing Education - Orofacial Pain: How to Practice at Today's Standard of Care
Drs. Charles McNeill and Patricia Rudd

September 18  Continuing Education – Clinical Treatment Planning and Problem Solving: When It Doesn’t Go By the Book
Dr. Robert Lowe
(co-sponsored by Lord’s Dental Studio)

September 18  Dean Circle Reception

September 19  Alumni Reunions
All classes ending in 0 or 5; please call Alumni Relations (414-288-3093) if you have not received information about your reunion

September 25  Continuing Education – OSHA and Infection Control
Dr. Kathy Schrubbe

September 30  Continuing Education – Airway Management
Mr. Richard Mason
Continuing Education – CE Your Way: Management of Immunocompromised Patients in the Dental Office
Dr. Joseph Best

OCTOBER

October 1  Continuing Education – ACLS Recertification
Mr. Richard Mason

October 15-17  Wisconsin Dental Association In-Session Meeting
Madison, WI; call 800-864-2997 for more information

October 30  Continuing Education – Clinical Update 2015
Coordinated by Dr. Ken Waliszewski

NOVEMBER

November 6  Alumni Reception at the ADA Annual Session
Marriott Marquis – Washington DC
6 – 8 p.m., Georgetown University Room

November 11  Continuing Education – Successful Dietary Counseling in Everyday Dental Practice
Dr. Matina Angelopoulou

November 13  Scholarship Luncheon

November 20  Continuing Education – Stuck in the 1930s: What Partials Fail and What to Do About It
Dr. Michael Waliszewski

September 11  Continuing Education - Orofacial Pain: How to Practice at Today's Standard of Care
Drs. Charles McNeill and Patricia Rudd

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It's a Match! The State of Wisconsin, through the State Building Commission, has approved a $2 million matching grant for capital expenditures at the School of Dentistry. This means that every dollar you contribute to this project is worth two dollars of buying power for the school. For more information on the projects included in this grant and how you can help us reach our $2 million matching goal, contact Dave O’Neill at david.oneill@marquette.edu or 414.288.6048. Help us take advantage of this great opportunity!