Profiles in Primary Care:
On the front lines

How academic detailing improves patient care

MCW and Marquette celebrate
100 years of collaboration
The very first medical students enrolled in the Medical College of Wisconsin’s Discovery Curriculum approach the end of their M1 year this spring. MCW developed the Discovery Curriculum to provide students with early clinical experience and an enhanced foundation of basic and clinical sciences using innovative, interactive learning methods.

The practice of medicine constantly evolves and, therefore, the needs of students change to keep pace. The Discovery Curriculum represents MCW’s thoughtful approach to 21st century medical education.

I have been impressed by the curriculum’s unique blend of early clinical experiences, coupled with the Scholarly Pathways program, which enables students to customize their learning experiences in both an area of concentration and in scholarly projects. The curriculum emphasizes becoming a compassionate physician as well as a strong leader.

While I am very appreciative and proud of the medical education I received at MCW, I admit the Discovery Curriculum stimulated some “what if” thinking on my part, as I imagined myself participating in the wonderful education now available to our medical students.

Recent renovations and technology upgrades on campus augment the Discovery Curriculum. New and redesigned spaces include the learning skills classrooms (formerly known to many as MUTS or CMUTS), the Discovery classroom, and the form and function lab with classroom. Photos of some of the spaces can be found on page 13 of this magazine.

Kathleen S. Stokes, MD ’87, GME ’91 Alumni Association President
A MOMENT’S NOTICE
Providing a brief look inside this issue of Alumni News

What are these things?
When you see these symbols in the pages of Alumni News, scan them with your smartphone’s barcode reader to instantly access Web-based content and exclusive features.

Profiles in Primary Care
Physicians in primary care face mounting pressures, but their belief in the field and its value to society keep many in practice. In the first installment of a multi-part series, some alumni on the front lines of medicine share their experiences, challenges and inspirations in primary care.

Classes represented in this story: ’79, ’82, ’83, ’84, ’88, ’92, ’04

Bench to bedside
Gastroenterologist Dr. Reza Shaker, along with his MCW research team, has invented a medical device capable of alleviating the symptoms of extraesophageal acid reflux disease in patients while they sleep.

Classes represented in this story: ’88

Consider the source
With medical information in a constant state of evolution, academic detailing offers a personal form of educational outreach that places the most current, evidence-based data directly in the hands of practicing physicians.

Classes represented in this story: ’87, ’01, ’03, ’04

Celebrating 100 years
When the Marquette University School of medicine was formed in 1913 from the merger of the Wisconsin College of Physicians and Surgeons and the Medical Department of Marquette University/Milwaukee Medical College, it laid the foundation for the school that would become the Medical College of Wisconsin.

Classes represented in this story: ’77

Stat
News & announcements

Alumnus Profile
Robert Dufour, MD ’75

ENT mentorship fund
Thomas Kidder, MD ’68, GME ’73

Bequest funds scholarship
Carol M. Meils, MD ’83

Getting Out Alive

Alumni Notes

In Memoriam

On the radar

The Form and Function Lab is among a number of educational spaces at MCW recently renovated and equipped with technology upgrades. See page 13 for more photos and information.

ON THE COVER
Rupin Thakkar, MD ’03, a pediatrician in Edmonds, Wash., examines a patient at his clinic. Dr. Thakkar is a health policy advocate who believes in the merits of academic detailing. Read about his work, and that of other alumni, on page 10.
MCW’s NIH funding rank highest in more than decade

The Medical College of Wisconsin (MCW) was ranked 42nd among the nation’s 136 medical schools receiving National Institutes of Health (NIH) research and training support in fiscal year (FY) 2012. This is the highest rank MCW has received in more than 10 years.

The improved ranking moved MCW ahead of the medical schools at The Ohio State University, Wake Forest University Health Sciences, Boston University Medical Campus and the University of Illinois at Chicago.

Total NIH funding to MCW in FY 2012 was $95,466,833, which is a three-percent increase over FY 2011 and the second-largest NIH base funding amount in school history. The total number of NIH grants awarded to MCW in FY 2012 was 193.

Grant funds research on genetics of diabetes

The Medical College of Wisconsin (MCW) and Children’s Hospital of Wisconsin Research Institute received a four-year, $4.3 million grant from the National Institute of Diabetes and Digestive and Kidney Diseases to investigate the genes involved in type 1 diabetes.

Aron M. Geurts, PhD, Associate Professor of Physiology with MCW’s Cardiovascular Center and Human and Molecular Genetics Center, and Yi-Guang Chen, PhD, Assistant Professor of Pediatrics with Children’s Research Institute and the Max McGee National Research Center for Juvenile Diabetes at Children’s Hospital of Wisconsin, are principal investigators.

Type 1 diabetes accounts for approximately five percent of all diabetes cases in the United States, affecting about 1.3 million Americans. Incidence of the disease has risen in recent years.

This project will investigate genes on a number of chromosome regions that recent large-scale genetic studies have identified as possibly contributing to the development and progression of type 1 diabetes. MCW researchers were the first to demonstrate zinc-finger nuclease technology and among the first to apply transcription activator-like effector nuclease (TALEN) technology for influencing genes. These technologies, which enable the rapid generation of genetically modified models that are time- and cost-efficient, will be used in this study to manipulate genes in an animal model of type 1 diabetes.

By discovering which genes are important to the development of the disease, researchers intend to advance understanding of type 1 diabetes and contribute to the development of new therapeutic approaches.

Twelve state-wide partnership projects receive funding

The Medical College of Wisconsin’s Healthier Wisconsin Partnership Program (HWPP) will fund 12 new community health projects totaling $4.5 million.

Four Impact awards will receive approximately $750,000 each over five years and eight Development awards will receive approximately $200,000 each over two years.

Impact awards aim to implement health promotion and disease prevention programs targeting a range of diverse health needs. One of this year’s four Impact projects provides mental health support for veterans while another grant helps create healthy schools to reduce obesity.

Of the eight Development awards aimed at program planning and pilot projects, one award focuses on integrating hunger relief and health care efforts to better manage care and nutrition for uninsured and underinsured diabetes sufferers.

HWPP is one of three programs within the College’s Advancing a Healthier Wisconsin endowment. Since 2004, HWPP has invested $43.8 million in more than 140 community-academic health improvement projects. Visit mcw.edu/healthierwisconsin for details about the program and the newest funded grants.
Researcher studies non-alcoholic fatty liver disease

The National Institute of Diabetes and Digestive and Kidney Diseases has awarded a five-year, $7 million grant to a pediatric gastroenterology researcher to investigate the link between intestinal bacteria and non-alcoholic fatty liver disease (NAFLD). Nita H. Salzman, MD, PhD, Associate Professor of Pediatrics (Gastroenterology) at MCW and a researcher at Children’s Hospital of Wisconsin Research Institute, will collaborate as PI on the project with an investigator at Washington University School of Medicine in St. Louis.

NAFLD occurs when excess fat has built up in liver cells due to causes other than alcohol. This disease may affect up to one third of Americans. NAFLD can progress into non-alcoholic steatohepatitis, in which the liver is inflamed and may ultimately develop cirrhosis.

Recent evidence has demonstrated a link between obesity, NAFLD and the makeup of the intestinal microbiome, a vast, complex and delicately balanced ecosystem comprising bacteria, fungi and viruses.

The intestinal microbiome plays an important role in human health by preventing infection, contributing to normal immune function and influencing metabolism. Disruption of this ecosystem may lead to abnormal immune and metabolic responses that are hypothesized to be involved in the development of NAFLD.

The goal of this study is to investigate the composition of the intestinal microbiome in obese pediatric patients with and without NAFLD to determine whether differences in their intestinal bacteria could relate to the development of fatty liver and liver inflammation in children. Understanding how changes in the microbiome affect the progression of NAFLD may lead to new methods of predicting the disease and novel interventions using prebiotics, probiotics or antibiotics to manipulate the microbiome for prevention or treatment.

Braza appointed Chair of PM&R

Diane W. Braza, MD ’87, GME ’93, Associate Professor of Physical Medicine and Rehabilitation and Associate Professor of Neurosurgery at the Medical College of Wisconsin (MCW), has been named Chair of Physical Medicine and Rehabilitation after a national review. Dr. Braza is the physical medicine and rehabilitation residency program director and had been serving as interim chair of the department since October 2011. Prior to assuming the role of interim chair, she served as Medical Director of Froedtert & The Medical College of Wisconsin SpineCare Program.

Dr. Braza practices at Froedtert Hospital. She oversees MCW’s physical medicine and rehabilitation programs at Froedtert, the Zablocki VA Medical Center and Children’s Hospital of Wisconsin. She joined the MCW faculty in 1992.

Alumnus named to new endowed hematology chair

Parameswaran Hari, MD, Fel ’04, MS ’06, Associate Professor of Medicine (Hematology and Oncology), has been named the first Armand J. Quick/William F. Stapp Professor in Hematology at MCW. Dr. Hari is an internationally renowned researcher in multiple myeloma, and serves as director of the adult Blood and Marrow Transplant Program at Froedtert Hospital. He is also the scientific director for the plasma cells disorder working committee at the Center for International Blood and Marrow Transplant Research.

The Armand J. Quick/William F. Stapp Professorship was established this year by MCW from an endowment provided by the late William F. Stapp, MD ’51, and his family to honor the memory of Armand J. Quick, MD, and to provide support to a leader in hematology research and practice.

The late Dr. Quick was Chairman of Biochemistry at Marquette University School of Medicine (MCW’s predecessor) from 1944-1964. His research in the fields of blood clotting and the diagnosis and treatment of bleeding disorders brought him international recognition. He is best known for developing the “Quick Prothrombin Time,” a clinical blood test to diagnose bleeding disorders and monitor dosage of anticoagulation therapy that was a critical driver of research in the field and is still used widely.
On the front lines

Primary care forms the bedrock of the U.S. health care system, but external elements threaten erosion. According to the federal Agency for Healthcare Research and Quality, “the U.S. primary care system is struggling under increasing demands and expectations, diminishing economic margins and increasing workforce attrition compounded by diminishing recruitment of new physicians… into primary care.”

The physicians who face them on a daily basis acknowledge these pressures, but most are driven by a commitment to their patients and to the field that supersedes all else. Alumni News recently invited Medical College alumni in primary care to tell us about their practice and its importance in the community. These conversations form the basis of Profiles in Primary Care.

In our first installment of this multipart series, some alumni on the front lines of medicine share their experiences, their challenges and their inspirations in primary care.

She’s on pace to see it all. Chainsaw lacerations. Ascaris in a baby’s diaper. Amputated digits from snowblower mishaps. Cases of ALS and Henoch-Schonlein purpura. (The small town doctor credits pictures that once hung in the Medical College of Wisconsin lecture hall with her ability to diagnose the latter). Vernette Carlson, MD ’84, GME ’86, even keeps in her office a box of “treasures” consisting of foreign objects she has removed from her patients.

For more than 27 years, Dr. Carlson has practiced family medicine in Michigan’s rural Upper Peninsula. Her family has lived in Menominee County for four generations. She graduated high school there and now is a solo practitioner in Stephenson. And according to research commissioned by the Agency for Healthcare Research and Quality, she is one of approximately 209,000 practicing primary care physicians in the United States.

Dr. Carlson’s stories are unique, but many of the themes would be familiar to her peers across the nation. The business of primary care may sometimes feel like a yoke around the practice of primary care, but the rewards can come in many forms.

“The main challenge is payer mix and reimbursement,” said Dr. Carlson, who sees about 54 percent Medicare patients. “I am very concerned that an area like this will not be able to sustain a physician in the future. I am able because I have had a very large, very loyal practice for so many years.”

The personal relationships in a rural family practice generate that type of loyalty. Dr. Carlson has patients who sometimes come straight to her house for care. It’s not unusual either for her patients to receive a handwritten note of concern.

As an independent doctor, she also takes pride in being able to “treat patients the way I would like to be treated,” by maintaining control over charges, staffing, specialist referral and insurance plan affiliation.

Vernette Carlson, MD ’84, GME ’86, is a solo practitioner in the Upper Peninsula of Michigan.

Dr. Carlson is the medical director of the local nursing home and has even been involved with medical research. After she identified the first case of Lyme disease in Michigan, she teamed with the Michigan Department of Health and the Centers for Disease Control and Prevention to publish two articles in professional journals and speak on the subject. She appreciates the great variety of primary care and believes in the model.

“Primary care is very cost effective for society, as patients have so many fewer hospitalizations when we can head off exacerbations of chronic diseases like CHF and COPD,” she said. “Also, we help patients and families avoid a lot of overly aggressive management with end of life decisions.”

Knowing patients well and following them over time is the hallmark of a primary care physician, especially in a good medical home, said Larissa Malmstadt, MD ’04, GME ’07. A pediatrician who...
began her career in rural Maine, Dr. Malmstadt has practiced in Greenfield, Wis., with Children’s Medical Group, affiliated with Children’s Hospital of Wisconsin, since 2009.

“From a social standpoint, a child’s pediatrician can shape the health and well-being of the entire family through the care and education given and the relationship they build,” she said. “From a purely economic standpoint, building trust between the doctor and the family can help with referral management and decrease unnecessary use of emergency rooms, limiting waste of health care dollars.”

Although Dr. Malmstadt is in a suburban clinic, her patient population is reflective of the central city. She speaks Spanish half of her day and works extensively with the foster care system. Giving back to the community in which she grew up was her foremost motivation during medical school. Although she has the full support of her group and practice partners, her goals are not without obstacles.

“By far, the most challenging thing for me is balancing the business side of my practice with giving the best medical care possible to my patients,” said Dr. Malmstadt, who is committed to keeping her practice open to Medicaid patients. “With the constraints I have from insurance companies and limitations based on the time I am able to spend with each individual family during the workday, I am often left with the desire to be able to do more, more quickly and more completely.”

Despite the pressures, she draws inspiration from a simple joy: The kids.

Caring for families has that attraction. Mark W. Sharon, MD ’79, has spent 30 years in the eastern Wisconsin town of Plymouth as a family physician. The people, their work ethic and community pride have made it easy to call Plymouth home for three decades. Similar incentives have kept him engaged in full-time primary care throughout his career.

“First are the long-term relationships I have developed with many families in the area,” he said. “In many cases I have provided medical care for up to five generations over the years. Second, I have been blessed with excellent partners in family medicine. This has allowed me the flexibility to return to MCW in 1998 to learn gastrointestinal endoscopy, also to compete in 10 worldloppet cross-country ski races in the USA, Canada and eight European countries.”

Dr. Sharon’s clinic is a branch of the Aurora Sheboygan Clinic and includes six family physicians, a general internist and two physician assistants. He finds the greatest challenge to be in his group’s endeavor to demonstrate quality of care. The initiative measures group and individual performance in areas addressed daily in a primary care office, including the management of disease states like diabetes and hypertension as well as preventive screenings such as mammography and colonoscopy. Continuity of care and wellness are among the benefits of a strong primary health care system.

“I believe primary care is important today for the very reasons that the specialty of family medicine was developed over 40 years ago,” Dr. Sharon said. “At that time, much like today, medical care was fragmented, impersonal, overspecialized and overpriced. Hopefully, with health care reform, there will come a true emphasis on prevention and health maintenance. That will happen only through a strong base in primary care.”

Plymouth, Wis., is also home to a husband and wife who together have maintained a private family practice there for more than 27 years. Mary E. Arenberg, MD, GME ’83, and George Schroeder, MD, GME ’82, came to Plymouth after six months in central Washington and a year at a mission hospital in West Africa. Success has required enduring the loss of their local hospital and navigating the challenge of “providing continuity of care in a system that, despite lip service to the contrary, relegates family medicine to the back burner,” Dr. Arenberg said.

Through participation in a research group, however, Dr. Arenberg and Dr. Schroeder are contributing to the improvement of primary health care, which has also benefitted their patients through disease prevention, reduced end-stage disease and fewer hospitalizations. Early adopters of an electronic medical records (EMR) system, Dr. Arenberg and Dr. Schroeder joined Practice Partner Research Network (PPRNet), which collects data from the common EMR systems of multiple primary care practice sites nationwide to conduct prospective...
studies on disease management, screenings, immunizations and other aspects of care.

Each of the projects improved the quality of their care on that particular topic, they said. They also gained an appreciation for auditing large portions of their work, which allows them to perpetually transform their practice.

“Through these audits, we are able to stand back and examine our practice in a manner otherwise impossible,” Dr. Arenberg said. “We are then able to modify our behavior and improve our practice’s performance. With the aid of the EMR and our research network, we are developing a quality of care that our health care system desperately needs. At a time when American medicine is abandoning primary care, casting about for other means to provide quality yet control runaway cost, this primary care research gives us a reference point that we can respect and relate to in family medicine.”

Ultimately, nothing can replace the continuity that results when primary care is supported by evidence-based guidelines to build long-term relationships between providers and patients, the doctors said.

That extended knowledge of patients and their needs gives primary care its value, according to another couple who practice together in the rural-industrial community of Medford, Wis. Cathy Reuter, MD ’92, is a pediatrician, and Mark Reuter, MD ’92, is a family practitioner; they both work for Memorial Health Center Clinics-Medford.

“Rural areas are a great place to raise children and practice medicine,” said Cathy Reuter, who has practiced in Medford with her husband for 17 years. “You become part of the community and you know your patients, which makes it rewarding.”

Physician supply in the rural area contributes to the challenges of primary care practice, and recruiting colleagues can be difficult, she said.

“When physicians leave, the call significantly increases,” she said. “In addition, at times, managing difficult cases can be challenging since specialists are an hour away. You do, however, get to treat everything.”

Treating everything has characterized the primary care practice of Barbara A. Hummel, MD ’88, GME ’89, an independent family physician who provides comprehensive care to all ages. She has been in solo practice in West Allis, Wis., since 1997.

“I still do prenatal exams and follow patients into nursing homes,” she said. “I care for newborns in the hospital and follow them in my practice after discharge from neonatal care. I still do home visits and home hospice care.”

Dr. Hummel also gives a voice to primary care through medical societies. She is Vice Chair of the Wisconsin Medical Society Board, a member of the Governing Council for the American Medical Association (AMA) Senior Physician Group and Secretary of the Private Practice Congress of the AMA, in addition to being a past president of the Medical Society of Milwaukee County and a past director of the Wisconsin Academy of Family Physicians board.

Advocating for strength in primary care is in the interest of many Americans considering it represents the majority of patient visits. According to National Center for Health Statistics data, more than 51 percent of the nearly 956 million visits that Americans made to office-based physicians in 2008 were to primary care physicians.

The volume may be high, but physicians say they value each individual connection.

“Probably the part I love the most is that so many people call me by my first name, feel free to come up to me in the little, local restaurants, grocery store, church and school,” Dr. Carlson said. “This took some years to get used to, but it doesn’t reflect rudeness or dishonor but really is a sign of trust, friendship and genuine need.”

LOOKING AHEAD

The next installment in the Profiles in Primary Care series will feature alumni whose primary care practices encompass special populations.
A new medical device designed by Medical College of Wisconsin researchers may alleviate the symptoms of severe acid reflux in patients while they sleep, a concept translated from bench, literally, to bedside.

Named the Reza-Band™, the device is founded on research conducted over 20 years by gastroenterologist Reza Shaker, MD, Fel ’88. Dr. Shaker is the Joseph E. Geenen Professor and Chief of Gastroenterology and Hepatology, Senior Associate Dean for Clinical and Translational Research, Director of the Clinical and Translational Science Institute (CTSI) of Southeast Wisconsin and Director of the Digestive Disease Center at the Medical College of Wisconsin (MCW).

The patent-pending device has been licensed to Wisconsin-based Somna Therapeutics, LLC, for further development and marketing, and clinical trials are underway to gain FDA approval.

Fifteen million people in the United States suffer from extraesophageal acid reflux disease (EERD), in which stomach contents are regurgitated beyond the esophagus and into the throat, windpipe and lungs, most often during sleep. The condition can cause chronic cough, asthma, voice disorders, sleep apnea and pneumonia. Current therapies include medication, behavior modification and surgery. The economic health impact in the U.S. is estimated at $54 billion.

A non-invasive solution, the Reza-Band™ has been shown in two preliminary MCW studies to prevent the reflux of stomach contents into the throat. EERD is the result of a dysfunctional upper esophageal sphincter, a muscle that serves as the primary defense against reflux by maintaining a certain level of pressure.

This muscle typically relaxes during sleep, but in patients with EERD, the muscle relaxes too much, allowing regurgitation to enter the throat. The Reza-Band™ is worn around the neck at night and adjusts to apply a slight, external pressure on the upper esophageal sphincter area, just below the Adam’s apple, to compensate for the lack of adequate pressure within the muscle.

“EERD leads to a spectrum of health problems,” Dr. Shaker said. “With the Reza-Band™ these patients can minimize or eliminate their symptoms with the added benefits of improved sleep, lower health care costs and diminishing or avoiding the need for acid-reducing drugs.”

The synergy among partners in the CTSI was an asset in the development of the device and transfer of the technology. The CTSI in 2010 was designated part of a national consortium of 61 top medical research institutions dedicated to accelerating medical advances to improve health through research and education. The CTSI includes the Medical College of Wisconsin, Marquette University, the Milwaukee School of Engineering, the University of Wisconsin-Milwaukee, the BloodCenter of Wisconsin, Children’s Hospital and Health System, Froedtert Hospital and the Clement J. Zablocki VA Medical Center.

MCW’s Office of Technology Development helped match the Reza-Band™ project with investors. Somna Therapeutics was founded in March 2012 in partnership with the Medical College. The company was awarded first prize in the 2012 Wisconsin Governor’s Business Plan Contest, Life Sciences Division, after a six-month judging process that included more than 300 companies across the state.

Following FDA clearance and completion of clinical trials, Somna Therapeutics anticipates the Reza-Band™ may be available to hospitals, physician clinics and home health care agencies by the fall of 2013.
ew data, new drugs, new technologies, new knowledge – each has a bearing on the quality of patient care, and each can advance in rapid, relentless fashion. An innovative method of educational outreach called academic detailing is gaining momentum as an effective approach to helping practicing clinicians stay current with the constantly evolving information.

“The goal of academic detailing is to promote evidence-based care,” said Rupin Thakkar, MD ’03. “It can be applied to any clinical topic in which there is a gap between best practice and current practice.”

Dr. Thakkar is a pediatrician at the Children’s Clinic of South Snohomish County in Edmonds, Wash. He has been active in health policy and legislative advocacy since he began his medical training, and academic detailing is an asset in his efforts to make impartial information more accessible to physicians in a climate where biased or outdated information can be common.

Time constraints are among the biggest obstacles to keeping up to date with the latest evidence, since doing so requires consuming a heroic amount of research literature. Academic detailers prioritize and synthesize this information and communicate personally with providers in practice.

“Academic detailing programs provide objective clinical information in an engaging format,” Dr. Thakkar said. “Physicians have the opportunity to interact one-on-one with experts who are trained to present evidence-based clinical data in a relevant and meaningful way to clinicians.”

Although conceptually, academic detailing can be used to convey non-commercial information on just about any conceivable topic, the most prevalent application is to provide impartial information about prescription medication. Pharmaceutical representatives often use detailing to promote specific brand drugs to prescribing physicians, but the information, by its nature, has a commercial objective. Doctors really need evidence-based comparisons on the safety, efficacy and cost of medications within classes of drugs, Dr. Thakkar said.

Toward this end, Dr. Thakkar, and another Medical College of Wisconsin alumnus, family physician Jeff Huebner, MD ’01, co-founded the Washington Coalition for Prescribing Integrity (WCPI) with a grant from the Pew Charitable Trusts’ Prescription Project. Both Dr. Thakkar and Dr. Huebner were founding members of the National Physicians Alliance, an organization committed to professional integrity, and have been engaged in legislative advocacy at the state level to regulate pharmaceutical marketing practices.

One of the primary activities of the WCPI has been to promote educational opportunities for health care providers that foster evidence-based prescribing. Prescriber education was, in fact, the impetus for academic detailing, the roots of which stretch back about 30 years. More recently, however, its pioneers and contemporaries have convened around an initiative funded by the Agency for Healthcare Research and Quality and housed at Brigham and Women’s Hospital and Harvard Medical School. The National Resource Center for Academic Detailing (NaRCAD) promotes the use of evidence-based medicine by supporting the establishment and improvement of academic detailing programs.

David Lehmann, MD ’87, PharmD, is directing and collaborating on an ambitious health care improvement project that incorporates academic detailing more broadly for provider education.

It is an opportunity to demonstrate...
the effectiveness of the SUNY-DoH Collaborative for Medication Use, which he helps facilitate between the State University of New York system and the New York Department of Health. Dr. Lehmann is Professor of Medicine and Pharmacology at SUNY Upstate Medical University. His clinical experience, background as a clinical pharmacologist and his long-standing relationship with the Department of Health are utilized in the collaborative’s efforts to improve drug safety and therapeutics.

“Nearly my entire role through the collaborative is acting as a champion for pharmacists, giving them more visibility and contact with physicians and more respect,” Dr. Lehmann said.

Prescriber education is a key component of the collaborative, and academic detailing is a component within that mission. To address a particular medication use issue relevant to the public health, pharmacy experts within the collaborative develop a white paper on the specific topic. This is then refined by medical experts, approved by the Department of Health and then synthesized into best practice points that the academic detailer will impart when visiting prescribers.

“The academic detailers are the human face, and providers come to see the detailers as their own PharmD in their pocket,” he said. “It circumvents the activities of the industry drug detailers. They use the same techniques from a social standpoint, but our information is evidence-based and nonbiased.”

The detailers’ messages are further reinforced by software tools that are free to anyone who sees Medicaid patients in the state of New York. The Web modules include an integrated formulary, drug information response postings and interactive treatment algorithms.

The effectiveness of the program is illustrated in an initial case study of palivizumab utilization. The collaborative was able to identify about 20 percent of prescribers across 15-20 practices whose utilization of the high-cost drug used to prevent RSV did not conform to best practices. The team developed its education materials and algorithms and deployed its PharmD detailers to those practices.

The program’s success was evidenced by a health care cost savings of more than $20 million, or 31 percent, in 2009-2010, the year following the academic detailing initiative.

“Doctors want to do the right thing and treat their patient right,” Dr. Lehmann said. “Not all prescribers keep up to date on their data and evidence, and they know they’ve fallen behind or they’re using anecdotal information. But if you show them what their patients are doing vs. the standards, and what the competition down the road is doing, things get changed quickly. And I can’t undersell the usefulness of supporting the detailing with technology.”

A palliative care team at the Medical College of Wisconsin is using technology in another way—to deliver academic detailing-based resident education—and a recent study supported its value.

Sean Marks, MD ’04, GME ’08, Assistant Professor of Medicine (Hematology/Oncology), and collaborators at the University of Pittsburgh and the University of Minnesota published “The Educational Impact of Weekly E-mailed Fast Facts and Concepts” in the Journal of Palliative Medicine in 2011. Dr. Marks describes Fast Facts as one-page summaries that capture evidence-based literature reviews on key palliative care topics. There are about 250 Fast Facts papers in use throughout and beyond the palliative care community in more than 100 different countries.

“We consider it academic detailing because a resident who has questions can access this resource for quick, reliable information,” Dr. Marks said. “As palliative care doctors, we might also print Fast Facts on a particular topic and attach it to a patient’s chart, so it becomes patient care-specific.”

The study authors hypothesized that if residents received Fast Facts in a weekly email, like a virtual academic detailing visit, they would benefit from an improved knowledge base and confidence. Residents at the Medical College of Wisconsin and at Pittsburgh were randomized into two groups. One group received the Fast Facts emails; the others were simply told about Fast Facts.

The study showed that residents who received the emails had “significant increases in medical knowledge and self-reported preparedness on symptom management skills.” They were a great resource for reinforcing foundational knowledge, such as how to manage pain medication or managing cough, Dr. Marks said. The method was not helpful for improving communications-based skills, however, such as planning end-of-life care with families.

The academic detailing approach is effective because it targets clinician behavior in a way didactic teaching may not, Dr. Marks said.

“To really lead to changed behavior, you need targeted, repeated exposures,” he said. “Changing physician behavior works toward the larger goal of improving patient care and experience.”

For this reason, academic detailing holds great potential. Alumni noted they have begun seeing academic detailing employed effectively for various clinical topics, including smoking cessation, cancer screening, developmental delays screening and MRI utilization.

Sean Marks, MD ’04, GME ’08, talks with residents about palliative care at MCW.
One hundred years ago, a major milestone occurred in the history of medicine in Milwaukee and Wisconsin. On Jan. 14, 1913, the Marquette University School of Medicine was founded through the merger of the Wisconsin College of Physicians and Surgeons and the Medical Department of Marquette University / Milwaukee Medical College. For the next 54 years, Marquette significantly advanced medical education and the state of medicine in Wisconsin, and laid the foundation for what was to become the Medical College of Wisconsin (MCW).

Marquette entered the picture at a time of tremendous challenges in medical education, both in Wisconsin and the nation. In 1910, the Association of American Medical Colleges commissioned a review of all U.S. medical schools because of concerns regarding quality and lack of standardization. The landmark Flexner Report provided the first standards for medical education in the U.S. As a result, medical schools across the country were reorganized to improve the quality of medical education.

The Flexner Report led to periodic inspections of medical schools by the Council on Medical Education of the American Medical Association. In 1912, both the Milwaukee-based Wisconsin College of Physicians and Surgeons and the Milwaukee Medical College were notified that their ratings would be downgraded to “Class C,” alarming many. The Council on Medical Education recommended that the two schools be merged.

Marquette had formed an affiliation a few years earlier with the Milwaukee Medical College, in which the Milwaukee Medical College remained an independent, freestanding institution with its own board, but also became the Medical Department of Marquette University. In 1913, at the urging of physician leaders in Milwaukee, the Wisconsin College of Physicians and Surgeons and the Medical Department of Marquette University / Milwaukee Medical College were merged to create the Marquette University School of Medicine.

The new medical school gained community support and flourished under Marquette’s commitment to providing high-quality medical education. By 1915, Marquette’s medical school received an “A” rating, the highest level of excellence in the nation.

From 1913 to 1967, the Marquette University School of Medicine earned a reputation for preparing outstanding clinicians. Partnerships were formed with almost every Milwaukee-area hospital as clinical training sites for the medical students. As envisioned by Wisconsin’s early leaders, the medical school became the center of the health care delivery system. During this time, approximately 3,880 physicians graduated from Marquette’s medical school.

By 1967, the medical school was facing ongoing financial difficulties and on Sept. 30, 1967, Marquette University terminated its sponsorship of the medical school. A corporate reorganization then established the medical school as a private, freestanding institution. Although it struggled initially, the medical school—renamed the Medical College of Wisconsin in 1970—has grown into an education, research and clinical powerhouse.

“We are grateful to Marquette for establishing the tradition of excellence in medical education that we continue at the Medical College of Wisconsin,” said John R. Raymond, Sr., MD, President and CEO of MCW. “Our shared heritage lives on in our many collaborations with Marquette today.”

Marquette-era alumni: Visit mcw.edu/100years to find additional anniversary features and to share a memory from your medical school days.
First-year medical students engage in an active learning session led by Kurt J. Pfeifer, MD ’99, GME ’03, Associate Professor of Medicine and Bench to Bedside Co-director (standing) in the Medical College of Wisconsin’s new, 5,915-square-foot Discovery Classroom.

Upgraded

Educational spaces at MCW underwent numerous renovations and technology upgrades during the last year. Highlights include:
* Learning Skills Classroom (1)
* Form and Function Lab (2,4)
* Discovery Classroom (3)

mcw.edu EXTRA
Find full renovation features and specs at mcw.edu/upgrades2012.
AMA Foundation President emphasizes the societal responsibilities of physicians

Being elected President of the American Medical Association (AMA) Foundation Board is a logical highlight in the career of Clarence Chou, MD '77, Fel '83, a psychiatrist who has maintained a keen focus on the global future of medicine over the last 30 years.

With a renewed emphasis in the last decade on increasing physicians’ personal involvement in community health, the philanthropic arm of the AMA has worked since 1950 to advance the well-being of Americans and assist outstanding medical students and residents. That mission matches Dr. Chou’s commitment in his clinical psychiatry practice and as volunteer faculty at the Medical College of Wisconsin (MCW).

President of the AMA Foundation Board since June 2012, Dr. Chou leads meetings of the Board and its executive committee and participates in the AMA’s annual national advocacy conference. He is also charged with advancing the Foundation’s three-year strategic plan, which includes expanding public health programs that benefit both patients and physicians, growing the Foundation’s stakeholder base by building relationships with donors, diversifying revenue with the help of a professional fundraising team, and increasing the visibility and understanding of the Foundation.

“We operate much like a start-up, working with states and specialty foundations to secure the mission and the legacy of the AMA Foundation for the future,” Dr. Chou said. “Our main focus is providing grants for free community clinics and health education projects, as well as scholarships and research grants.”

In additional to serving as president of the AMA Foundation Board, Dr. Chou is midway through a two-year term as Chair of the Wisconsin Delegation to the AMA House of Delegates, which is the principal policy-making body of the AMA. He has been on the Wisconsin Delegation since 1999 and a regular AMA delegate since 2004.

“Medicine touches so many things globally, and doctors have a responsibility to help shape policy,” Dr. Chou said. “Where is medicine going to be in 25-30 years? How will we be viable and relevant? What value do we bring to our patients?” To that end, Dr. Chou also has been on advisory committees for the Wisconsin State Legislature, the Wisconsin Department of Licensing and Regulation and the Secretary of Health and Family Services.

Board-certified in general psychiatry and child and adolescent psychiatry, Dr. Chou is a full-time staff psychiatrist with the Milwaukee County Behavioral Health Division and Associate Clinical Professor of Psychiatry and Behavioral Medicine at MCW. He has been a board examiner for his specialty since 1994 and recently spent several years on the CME and lifelong learning committees for his specialty. Dr. Chou says he feels a personal responsibility to help train tomorrow’s physicians, which involves much more than classroom work or clinical skills.

“Physicians have a responsibility to offer more than we think we can, which is why I bring students and residents with me to as many meetings as I can,” Dr. Chou said. “I want them to see how doctors can and should become involved in the community. Organizations can really benefit from the knowledge and critical-thinking skills that medical education teaches you.”

Dr. Chou has volunteered on the boards of numerous community organizations including the Greater Milwaukee National Alliance on Mental Illness, the United Way of Greater Milwaukee, the Planning Council of Greater Milwaukee and the City of Milwaukee’s Mayor’s Commission on Crime.

Professionally, Dr. Chou is a past president of the Wisconsin Medical Society and the Medical Society of Milwaukee County and remains an active board member of both organizations. He also is a Wisconsin Representative to the Assembly of the American Psychiatric Association (APA) and the American Academy of Child and Adolescent Psychiatry (AACAP).

Dr. Chou’s many honors include an APA mentorship award and MCW’s Department of Psychiatry Service Award, both in 2012, as well as the Marvin Wagner, MD, Clinical Preceptor Award. His message to those he teaches and trains is consistent.

“Students, trainees and practicing physicians need to become involved in policy issues early on in their careers because they can have a big impact on the future of medicine,” he said. “This is ultimately to the benefit of our profession and our patients.”
“You could say the education gene runs in my family,” says D. Robert Dufour, MD ’75, the son of a former faculty member at Marquette University in Milwaukee and father of four grown children who are all educators in some capacity. Dr. Dufour is Emeritus Professor of Pathology at George Washington University School of Medicine and Health Sciences, where he still gives lectures and trains residents and medical students in clinical chemistry, endocrinology and gastroenterology. He also is Consultant Pathologist and an attending physician at the Veterans Affairs Medical Center in Washington, D.C., where he served as Chief, Pathology and Laboratory Medicine until his retirement in 2005.

Dr. Dufour has received numerous awards during his career, most recently the 2012 Excellence in Education Award by the College of American Pathologists (CAP). The award recognizes his outstanding contributions in the development of continuing medical education for pathologists and laboratory professionals, as well as the creation of the CAP Laboratory Accreditation Program curricula.

“The most rewarding title I have held during my career in medicine has been teacher,” he said. “Helping to develop the next generation of physicians has been my life’s work.”

Dr. Dufour also received the 1999 Outstanding Contributions in Education award from the American Association of Clinical Chemistry (AACC), as well as several outstanding faculty honors from George Washington University and Uniformed Services University of the Health Sciences in Bethesda, Md., where he previously was a member of the faculty.

Dr. Dufour serves as Executive Editor of labtestsonline.org, a global network of websites designed to help visitors better understand the many clinical lab tests that are part of routine care and more effectively discuss their health care with their physicians. Launched in 2001 by the AACC, Lab Tests Online is available in 17 countries and 14 languages.

“We get more than three million visitors a month, both from patients looking for more information about their health as well as from medical professionals,” Dr. Dufour said. “This website helps doctors and lab workers keep up with advances in the science and also serves as a helpful reference tool.”

Dr. Dufour is past-Treasurer and former at-large member of the AACC’s Board of Directors. He serves as Chair of the CAP Accreditation Education Committee and as CAP’s State Commissioner for the District of Columbia. He is also a CAP lab inspector. Dr. Dufour is a diplomat of the American Board of Pathology and a fellow of CAP and the National Academy of Clinical Biochemistry.

Dr. Dufour works two days a week at the VA Medical Center in Washington, D.C., and serves as a member of the VA National Hepatitis C Technical Advisory Group, which provides education for veterans who have the hepatitis C infection or have tested positive in the past. Hepatitis C and viral hepatitis have been a major focus of Dr. Dufour’s research work.

“I study the ability of lab tests to better diagnose hepatitis and more accurately analyze test results, especially at VA hospitals,” Dr. Dufour said. “We see a higher incidence of hepatitis C among veterans, in large part because of substance abuse and mental health issues.”

A co-associate editor of the journal Clinical Chemistry, Dr. Dufour has authored one book and edited several others, and has written more than 150 papers, abstracts and book chapters. He also helped develop two software programs for teaching medical students the cost-effective use of laboratory tests.

Dr. Dufour lives in Laurel, Md., with his wife Mary C. Dufour (nee Henke), MD ’75, MPH. They married while both were students at the Medical College of Wisconsin. Dr. Mary Dufour retired from the U.S. Public Health Service in 2003 as an Assistant Surgeon General and Deputy Director of the National Institute on Alcohol Abuse and Alcoholism. A physician epidemiologist, she helped bring awareness to the medical consequences of alcohol, especially for women and the elderly.
Thomas Kidder, MD ’68, GME ’73, cares for people in their time of need. Certainly, this should be said of all physicians, but Dr. Kidder may have been called to do so more often than most. His selflessness has permeated his clinical work, his dedication to teaching and his love for his family. With his recent major gift in response to the establishment of the Dr. and Mrs. Thomas M. Kidder Endowed Mentorship Fund, his generosity extends to future generations of medical students and trainees.

Fostering the career growth of medical students, residents and clinical fellows, the endowed fund will support events, courses and other educational functions in the spirit of mentorship and young physician development. It will also fund two teaching awards named for Dr. Kidder, an ENT who joined the Medical College of Wisconsin (MCW) faculty in 1990 and now serves as Professor of Otolaryngology and Communication Sciences.

Dr. Kidder’s devotion to his late wife, Eileen, was evident to all who knew him. After she endured a debilitating stroke and a cancer diagnosis, Eileen required comprehensive assistance with activities of daily living. Dr. Kidder embraced this role as caregiver while also balancing his full complement of faculty responsibilities, remaining dedicated to both loves of his life. Eileen passed away in 2010.

The Department of Otolaryngology and Communication Sciences created the endowed mentorship fund to honor the Kidders. Combined with Dr. Kidder’s $250,000 donation, otolaryngology faculty and alumni have contributed gifts to the endowment totaling more than $400,000.

“I am humbled and deeply grateful that so many of my colleagues and former students have chosen to honor Eileen and me in this way,” Dr. Kidder said. “I felt that it was appropriate for me to respond to their kindness with a substantial gift to secure this legacy at the Medical College of Wisconsin, which remains so dear to me.”

Dr. Kidder has been closely associated with MCW for more than 48 years, first as a student, then a resident, then a member of the volunteer clinical faculty while in private practice before joining the College full time and practicing at Children’s Hospital of Wisconsin and Froedtert Hospital. His commitment to education includes service as Medical Student Director and Residency Program Director for the Department of Otolaryngology and Communication Sciences.

Through his leadership and wisdom, Dr. Kidder has helped shape the evolution of the otolaryngology residency program to ensure residents receive the best possible training, according to John S. Rhee, MD, MPH ’04, the John C. Koss Professor and Chairman of Otolaryngology and Communication Sciences. As a result, the department’s residents go on to become very successful clinicians, educators, researchers and administrators.

“Tom’s personal integrity and dedication to medical education are commendable and serve as an example at the highest level for all of us,” Dr. Rhee said. “The Dr. and Mrs. Thomas M. Kidder Endowed Mentorship Fund provides a substantial platform for educating our residents and fellows to be tomorrow’s outstanding physicians, a mission in which Dr. Kidder has excelled.”

The Department of Otolaryngology and Communication Sciences awarded Dr. Kidder its Lifetime Teaching Award in 2000, and he is nationally recognized for his educational and clinical abilities.

An engaged member of the MCW community, Dr. Kidder served on the school’s Admissions Committee 11 years, two years as chairman. For eight years, he was a representative on the Medical College of Wisconsin/Marquette Medical Alumni Association Board, including four years on its Executive Committee. He received the Alumni Association’s Distinguished Service Award in 2007. He currently is working on his 45th medical school class reunion planning group.

“As a member of the Otolaryngology and Communications Sciences faculty, I feel privileged to have such a talented and humanistic colleague,” said Joseph E. Kerschner, MD ’90, Fel ’98, Dean of the Medical School and Executive Vice President. “This fund will extend Tom’s heartfelt dedication to this institution indefinitely and ensure resources will remain available to help the department maintain its excellence in education, patient care and research.”

A father figure in his department, Dr. Kidder has also shown great care for his and Eileen’s children. Their daughter, Terri, has severe disabilities, and their son, Steve, required a kidney transplant in 1999. Not surprisingly, the organ donor was Dr. Kidder, who continues to demonstrate for all generations what it means to care for people in need.

TO GIVE

To support the Dr. and Mrs. Thomas M. Kidder Endowed Mentorship Fund, contact Angela Nelson at annelson@mcw.edu or (414) 955-4708.
A modern pioneer for women physicians and a passionate advocate for her patients, Carol M. Meils, MD ’83, used her education to dissolve barriers and help others. Her legacy will now be known by future medical students who benefit from the Carol M. Meils, MD Endowed Scholarship, established by her son through a bequest Dr. Meils made to the Medical College of Wisconsin (MCW).

“She always felt that education was the most important thing you could give anyone,” said Eric Meils, Jr. “She thought the best thing you can do for your children is to put them through school debt free so they can come out ahead.”

Dr. Meils died April 1, 2012, after an eight-year battle with breast cancer. She was 59 years old. A former critical care nurse, Dr. Meils completed subspecialty training at Johns Hopkins University subsequent to her graduation from MCW. She founded a cardiology practice in Milwaukee in 1991. Wheaton Franciscan Healthcare recruited her to initiate the development of a cardiovascular program and facility at All Saints Hospital in Racine. She went on to lead All Saints’ Cardiovascular Institute.

Recognized as a trailblazer, Dr. Meils accomplished many firsts as a female cardiologist. She was the first woman chief resident at Boston City Hospital, the first female fellow in interventional cardiology at Johns Hopkins and, in 2010, Wisconsin’s first recipient of the American Heart Association’s Lifetime Achievement Award.

Her desire to foster the efforts of women in medical fields led to her involvement in MCW’s Women in Science program, a series of luncheon lectures culminating in an awards presentation honoring an established researcher and a researcher in training. Dr. Meils was a founding member of Women in Science and served as Chair of its volunteer board.

This willingness to give back is reflected in the scholarship that now carries her name. Her fund will provide an annual financial award to a female student of diversity at MCW who is in need of financial assistance and best exhibits Dr. Meils’ commitment to service in the community.

“Students from the Medical College of Wisconsin’s class of 2012 graduated with an average debt of $172,000. Through scholarships, we can help ease the burden students face as they embark on their careers,” said Joseph E. Kerschner, MD ’90, Fel ’98, Dean of the Medical School and Executive Vice President. “Dr. Meils’ emphasis on education is well represented by this endowed fund, as is her service to the Medical College.”

Dr. Meils was a member of the Medical College of Wisconsin/Marquette Medical Alumni Association Board, and she regularly served on her Class of 1983 reunion committee, frequently as chair or co-chair. She was also a member of the Walter Zeit Fellowship.

In the community, Dr. Meils was a recipient of the prestigious Sacagawea award given by Professional Dimensions, Wisconsin’s largest professional women’s organization. She received the Business Journal’s “Woman of Influence” award for innovation in 2006, and she was a trustee for her undergraduate alma mater, Alverno College in Milwaukee, but her bedside manner, her enthusiasm and her compassion are the traits that most defined her career and personality.

“She was never too fast to diagnose. She always took extra time with her patients,” Eric Meils said. “Her ability to listen made her a good doctor as well as a good mother.”

mcw.edu EXTRA

MCW’s Women in Science program captured Dr. Meils’ passion. See the program’s 2013 calendar of events at mcw.edu/meils.
1970s

William V. Dolan, MD ‘74, was recalled to active military duty as a general surgeon with a forward surgical medical detachment in Afghanistan. Dr. Dolan is a captain in the U.S. Navy and attending surgeon with the Phoenix VA Health Care System in Phoenix, Ariz. Stuart Eisendrath, MD ‘74, is the recipient of a National Institutes of Health/National Center for Complementary and Alternative Medicine grant to investigate the effects of mindfulness-based cognitive therapy for major depressive disorder. Dr. Eisendrath is investigating alternative approaches to treating depression. He is Professor of Clinical Psychiatry and Director of the Depression Center at the University of California, San Francisco.

John A. Weigelt, MD ‘74, was selected as one of 18 Giants of Parkland Surgery. Parkland Hospital is located in Dallas, Texas, and is affiliated with the University of Texas Southwestern Medical Center, where Dr. Weigelt completed his surgical residency. Dr. Weigelt is the Milton & Lidy Lunda/Charles Aprahamian Professor of Trauma, Professor of Surgery, Chief of Trauma and Critical Care Surgery, Associate Dean for Clinical Quality and Medical Director of the Joint Quality Office at the Medical College of Wisconsin. The 18 Giants of Parkland Surgery represent the most outstanding teachers and leaders in the history of the Parkland Hospital and the UT Southwestern Department of Surgery through the decades.

Lawrence M. Ryan, MD, GME ‘75, was elected a Master in the American College of Rheumatology. A Professor of Medicine and Director of the Arthritis Institute at the Medical College of Wisconsin (MCW), Dr. Ryan was recognized for his pioneering contributions to the understanding of calcium pyrophosphate deposition disease, his exemplary patient care and his profound influence on several generations of medical students.

1980s

Larry S. Perry, MD, GME ‘78, Fel ‘81, is now retired from private cardiology practice after 31 years in Baltimore, Md. Dr. Perry is now a staff cardiologist at the W. G. (Bill) Hefner VA Medical Center in Salisbury, N.C.

Zeljko J. Bosnjak, PhD ‘79, was named President-Elect of the Foundation for Anesthesia Education and Research (FAER), Academy of Research Mentors in Anesthesiology. The FAER Academy of Research Mentors in Anesthesiology recognizes individuals who through their activities as mentors have significantly contributed to the development and advancement of academic anesthesiologists in the area of research and have promoted the activities of mentoring. Dr. Bosnjak is Professor of Anesthesiology and Physiology and Vice Chairman for Research in the Department of Anesthesiology at the Medical College of Wisconsin. To date, he has mentored well more than 100 individuals, including 18 faculty, 52 postdocs and graduate students, 15 visiting professors and 26 medical students and residents.

1990s

Mary Kathryn Ellis, MD ‘95, Fel ‘01, MS ‘03, was appointed Assistant Professor of Medicine (Pulmonary and Critical Care) at the Medical College of Wisconsin (MCW). She sees patients at Froedtert Hospital. Dr. Ellis’s clinical interests include general pulmonary medicine, pulmonary transplantation, and cardiopulmonary exercise training. She previously practiced at several hospitals in the Milwaukee area while also serving as an Assistant Clinical Professor of Pulmonary and Critical Care Medicine at MCW.

Bryce Kerlin, MD ‘96, Fel ‘02, was elected to the Society for Pediatric Research in 2012 and recently was appointed as an Investigator at Nationwide Children’s Research Institute in Columbus, Ohio. Dr. Kerlin is Director of the Hemostasis and Thrombosis Program at Nationwide Children’s Research Institute and Associate Professor of Pediatrics at The Ohio State University College of Medicine in Columbus.

Adrian Miranda, MD ‘98, GME ‘01, received the Neurogastroenterology and Motility Prize from the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition for his study titled Salivary Amylase as a Biomarker for Functional Abdominal Pain in Children: Role of Sleep and Melatonin. Dr. Miranda is Associate Professor of Pediatrics (Gastroenterology) at the Medical College of Wisconsin.
Nicole Lynn Lohr, MD '06, PhD '04, was appointed Assistant Professor of Medicine (Cardiovascular Medicine) at the Medical College of Wisconsin (MCW). She sees patients at the Clement J. Zablocki VA Medical Center in Milwaukee. Dr. Lohr’s clinical interests include peripheral artery disease, women’s cardiovascular health and congestive heart failure. She is currently studying how low level light therapy may help prevent or reduce tissues damage that can occur when blood flow is restored following a heart attack. Dr. Lohr received MCW’s internal medicine Top 10 Teaching Housestaff award and MCW Affiliated Hospitals’ Housestaff Research Award. She also helped co-found a Women in Cardiology group at MCW.

R. Starr Knight, MD '07, was named Assistant Clinical Professor in the Department of Emergency Medicine at the University of California, San Francisco (UCSF). Dr. Knight previously completed an Emergency Ultrasound Fellowship at UCSF. She completed her residency training at the Alameda County Medical Center at Highlands Hospital in Oakland, Calif.

Kathryn Lambourne, MD '07, was married to Justin Riesenberg on Sept. 1, 2012. They live in South Bend, Ind., where Dr. Lambourne is an anesthesiologist with St. Joseph Valley Anesthesia. She completed her residency at the University of Wisconsin School of Medicine and Public Health in 2011.

Mark J. England, MD '08, was appointed Assistant Professor of Physical Medicine and Rehabilitation at the Medical College of Wisconsin. He sees patients at the Clement J. Zablocki VA Medical Center and Froedtert Hospital. Dr. England’s clinical interests include non-operative management of musculoskeletal conditions using therapy, medication, injections or bracing, as well as electromyography.

Alison J. Kriegel, PhD '08, was appointed Assistant Professor of Physiology at the Medical College of Wisconsin. Her research focuses on cardiovascular and renal physiology and molecular biology. Dr. As a fellow in the Department of Physiology, Dr. Kriegel received the Kern Innovation Award and the Edward J. Lennon, MD, Outstanding Woman Postdoctoral Researcher Award.

Erica Y. Chou, MD '09, was appointed Assistant Professor of Pediatrics (Hospital Medicine) at the Medical College of Wisconsin. She sees inpatients at Children’s Hospital of Wisconsin. Dr. Chou’s clinical interests include metabolics and medical education. She completed her residency in pediatrics at the University of California at Irvine.

Patrick Drayna, MD, GME '09, was appointed Assistant Professor of Pediatrics (Emergency Medicine) at the Medical College of Wisconsin. He sees patients at Children’s Hospital of Wisconsin. Dr. Drayna’s research has involved pre-hospital care and emergency medical services for children, quality improvement, investigations of the effects of ketamine sedation, the reliability and effectiveness of near-infrared spectroscopy in critical settings, and the association between rainfall and pediatric emergency department visits for gastrointestinal illnesses. His clinical interests include prehospital care and the

Some notebale alumni from the 90s participated in the Medical College of Wisconsin Military Medical Student Association’s Veterans Day Ceremony on Nov. 12, 2012. Pictured L-R are Michael A. Borkowski, MD ’90, MPH ’98; Kenneth K. Lee, MD ’93, GME ’97; and Michael F. McBride, MD ’92, Fel ’97. Dr. McBride delivered the keynote address at the event.

Neenah native receives MCW’s student leadership award

Medical College of Wisconsin M4, Emily Sweet, Class of 2013, received the 2012 Walter Zeit Fellowship Leadership Award. This prestigious award is presented to the senior student who has consistently displayed superior qualities of leadership, loyalty, selfless service, initiative and compassion toward his or her peers and the Medical College. It is the highest student honor bestowed by the Walter Zeit Fellowship, MCW’s premier donor recognition society.

Born in Neenah, Wis, and a graduate of Loyola University of Chicago, Sweet has volunteered regularly at the Saturday Free Clinic for the Underinsured in Milwaukee. She has tutored other medical students and as an M3 was elected a class representative on the Student Assembly. She also served as co-president of the American Medical Women’s Association.

Sweet is attending medical school through the Armed Forces Health Professions Scholarship Program and is a second lieutenant in the United States Air Force Reserve (USAF), Medical Service Corp. She will serve three to four years of active duty with the USAF following graduation from medical school. In 2012, Sweet was elected to the Alpha Omega Alpha national honor medical society. She plans to pursue a career in surgery.
resuscitation and stabilization of critically ill and injured children. Dr. Drayna completed a pediatric emergency medicine fellowship at Monroe Carell Jr. Children’s Hospital at Vanderbilt University in Nashville, Tenn.

**B.J. Lanser, MD ’09.** is serving as Pediatric Chief Resident at UT Southwestern/Children’s Medical Center in Dallas, Texas. Dr. Lanser plans to pursue an allergy and immunology fellowship in July at National Jewish Health and the University of Colorado in Denver, Colo.

**Sara Lauck, MD ’09.** was appointed Assistant Professor of Pediatrics (Hospital Medicine) at the Medical College of Wisconsin. She sees inpatients at Children’s Hospital of Wisconsin. Dr. Lauck’s clinical interests include general inpatient pediatric medicine and clinical medical education. Experienced in international health care, she worked in Matagalpa, Nicaragua, and in Manila, Philippines, in 2009. She completed her residency at Rush University Medical Center in Chicago.

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**2010s**

**Benjamin Lerner, MD, Fel ’10,** married **Allegra Saving, MD, GME ’12,** on Jan. 26, 2013. Both are in private surgical practice in Seattle, Wash.

**Izabela Jugovac, MD, GME ’11,** was appointed Assistant Professor of Anesthesiology at the Medical College of Wisconsin (MCW). She provides care at Froedtert Hospital and the Clement J. Zablocki VA Medical Center. Dr. Jugovac completed a cardiothoracic anesthesia fellowship at Cleveland Clinic in Cleveland, Ohio, before joining the MCW faculty. Her clinical interests include cardiothoracic and vascular anesthesia.

**Carol M. Smith, MD, MPH ’11,** received the National Association of Country and City Health Officials and Robert Wood Johnson Foundation “Survive and Thrive” Fellowship for new public health commissioners. Dr. Smith is the Health Commissioner of the Ulster County Public Health Department in Kingston, N.Y.

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**Large, new lettering now welcomes visitors to the Geenen Center for Alumni Relations, courtesy of the Medical College of Wisconsin/Marquette Medical Alumni Association.** MCW’s alumni offices were named in honor of the Geenen family in 2001 following a generous gift from Joseph E. Geenen, MD ’60, GME ’65, Fel ’67; Sarah Geenen Joerres, MD ’87, GME ’91; and Daniel J. Geenen, MD ’89, GME ’92; and their spouses.
following a brief illness. He was 86 years old. Dr. Hoffman achieved the rank of sergeant in the U.S. Army during World War II. After medical school he joined the staff at St. Paul Hospital in Dallas, Texas, where he spent his 40-year career as an obstetrician and gynecologist. He delivered more than 6,000 babies. Dr. Hoffman was a founding member of St. Rita Catholic Church in Dallas, a member of the Serra Club and Knight Commander with Star of the Equestrian Order of the Knights of the Holy Sepulchre of Jerusalem. He was an avid gardener. Dr. Hoffman is survived by his wife, Mary; five children; six grandchildren; and three great-grandchildren.

Harvey H. Bernstein, MD '56, of Mequon, Wis., died Nov. 5, 2012. He was 81 years old. Dr. Bernstein practiced family medicine for more than 50 years. He was preceded in death by his first wife, Eileen. Survivors include his wife, Phyllis; four children; two stepchildren; and four grandchildren.

Frederick G. Sehring, MD '56, of Green Bay, Wis., died Oct. 26, 2012. He was 81 years old. Dr. Sehring served in the U.S. Air Force Medical Corps where he was Chief of Obstetrics and Gynecology at Schilling Air Force Base in Salina, Kan. He joined the West Side Clinic in Green Bay in 1962 and was instrumental in establishing the St. Vincent Hospital Regional Perinatal Center. Dr. Sehring operated his own OB/GYN practice until his retirement in 2001. He served as President of the Brown County Medical Society and on the Board of Directors for the Wisconsin Section of the American College of Obstetricians and Gynecologists. Dr. Sehring was a pro-life advocate and an avid golfer. His survivors include his wife, Grace; seven children (including Stephen F. Sehring, MD ‘85); and seven grandchildren.

Archer D. Huott, MD ‘58, of Palm Desert, Calif., died Oct. 9, 2012. He was 82 years old. Dr. Huott achieved the rank of colonel in the U.S. Army, serving as Chief of the Neurology Service at Madigan Army Medical Center in Tacoma, Wash., and at Walter Reed Medical Center in Washington, D.C. He also taught neurology medical students, residents and fellows at George Washington University Medical School and the Uniformed Services University of the Health Sciences in Bethesda, Md. Dr. Huott retired from active duty in 1980 after 21 years and moved to California, where he operated a private neurology practice until 2000. Dr. Huott enjoyed stamp collecting and gardening. He was preceded in death by his wife, Rita. His survivors include seven children, 14 grandchildren and one great-grandchild.

Marjanne H. Crino, MD ‘59, of Rochester, N.Y., died Dec. 25, 2012. A practicing anesthesiologist for more than 40 years, Dr. Crino also had a Masters in Theology and served on a variety of missions of the Sisters of St. Joseph and Sisters of Mercy. She was a member of the Medical Society of Monroe County and the New York State Society of Anesthesiologists. Dr. Crino was preceded in death by her husband, Deacon Michael A Laluppa, MD. Her survivors include three children.

Donald D. Kuban, MD ’60, GME ’67, of East Troy, Wis. and Phoenix, Ariz., died Nov. 1, 2012. He was 77 years old. Dr. Kuban served as a lieutenant Navy Doctor for the U.S. Marines. A lab physician working primarily on cancer cells, he was Medical Director of the Genetics Center in Phoenix and also worked at several other hospitals and blood centers. He was a member of the American Medical Association. Dr. Kuban was an ordained deacon and served at Catholic churches in Arizona and Wisconsin. His survivors include his wife, Therese, and two children.

John E. Dooley, MD ’54, of Milwaukee, Wis., died Oct. 21, 2012. He was 86 years old. Dr. Dooley served as a corpsman in the U.S. Navy before earning his medical degree, specializing in internal medicine and gastroenterology. He was Chief of Internal Medicine at St. Joseph’s Hospital in Milwaukee, was on the staff at St. Michael’s Hospital and also had his own private practice. Dr. Dooley was a Clinical Associate Professor of Medicine at the Medical College of Wisconsin and served as President of the Milwaukee Gastroenterology Society. He was recognized by The Catholic Herald as an outstanding volunteer for providing medical care and nourishment to those in need. Dr. Dooley enjoyed sports, classical music and travel. He was preceded in death by his first wife, Martha, and second wife, Carol. Survivors include six children and seven grandchildren.

Eugene W. Mauch, MD ’52, of Harbor Springs, Mich., died Dec. 26, 2012. He was 86 years old. Dr. Mauch earned his medical degree after a tour of duty in the Naval Air Force. He then served a second tour as an officer in the U.S. Navy during the Korean War. Dr. Mauch practiced obstetrics and gynecology in the Detroit area for 23 years and also served as an Associate Professor in the School of Human Medicine at Michigan State University. He was a pioneer in the technique of amniocentesis. Dr. Mauch enjoyed tennis, golf, travel and the study of food and wine. He was preceded in death by a son. Survivors include his wife, Sherlee; three children; seven grandchildren; and two great-grandchildren.

James H. Freel, MD ’62, of Phoenix, Ariz., died July 11, 2012. He was 77 years old. A major in the U.S. Air Force, Dr. Freel served as Chief of Obstetrics and Gynecology at the USAF Regional Hospital in Minot, N.D. He was the Director of Gynecological Oncology at St. Louis University Hospital in St. Louis, Mo., and the Director of Gynecological Oncology at St. Joseph’s Hospital and Medical Center and Maricopa Medical Center in Phoenix. Upon his retirement, the mayor of Phoenix declared June 4, 2005 “James Freel, MD Day.” His survivors include his wife, Linnea; four children; and three grandchildren.

Douglas A. Huewe, MD ‘65, GME ’68, of Springfield, Mo, died Oct. 12, 2012 after battling prostate cancer. He was 77 years old. Before entering medical school, Dr. Huewe worked as a pharmacist at the Mayo Clinic in Rochester, Minn., and as a pharmaceutical and medical supply officer in the U.S. Air Force Academy Service Corps at Continental Air Command in Long Beach, Calif. Dr. Huewe practiced dermatology in Springfield and was a co-founder of the National Southwest Missouri Head Injury Foundation. He was an avid reader and researcher and enjoyed playing tennis and traveling with his family. Survivors include his wife of 53 years, Alice Therese; seven children; and 10 grandchildren.

Kenneth J. Dempsey, MD, GME ’67, of Hartland, Wis., died Nov. 28, 2012. He was 84 years old. Dr. Dempsey practiced dermatology for more than 35 years. He enjoyed politics, music, woodworking, dogs and spending time at his cottage.
IN MEMORIAM

with his family. He was preceded in death by a daughter. His survivors include his wife, Edwina; six children; and 12 grandchildren.

Humberto R. Ravelo, MD ’72, of Long Beach, Fla., died Oct. 27, 2012. He was 65 years old. As an unaccompanied child in 1960, Dr. Ravelo fled the Castro Regime in Cuba through the “Peter Pan Project” sponsored by the United Way and Catholic charities. He was taken in by exiled Cuban Jesuits in Miami and succeeded academically. Dr. Ravelo practiced cardiac and thoracic surgery for more than 30 years at Long Beach Memorial Medical Center, Miller Children’s Hospital and Lakewood Regional Medical Center. He was a member of the parish council at St. Cornelius Catholic Church. Dr. Ravelo is survived by his wife, Kathryn.

Stephen C. Becker, MD ’82, of Bayside, Wis., died Dec. 30, 2012. He was 58 years old. Dr. Becker was an anesthesiologist at Columbia St. Mary Hospital in Milwaukee and a skilled bridge player. His survivors include his wife, Gail, and three children.

Thomas P. Segerson, MD, GME ’83, of Toronto, Canada, died suddenly on Dec. 2, 2012. He was 57 years old. Dr. Segerson became a recognized pharmaceutical executive in Toronto, Mexico City and Berlin, Germany after beginning his research career in Oregon. In his work, he helped ensure access to effective medical care for those in need and built a strong scientific and medical network throughout Europe, the Middle East Central Asia, Latin American and Canada. He retired in 2011 and was pursuing a master’s degree in Public Health Policy from Johns Hopkins University. Dr. Segerson enjoyed gourmet cooking, entertaining and gardening. His survivors include his husband, Richard.

Karin H. Bausenbach, MD ’93, of Portland, Ore., died Nov. 11, 2012 after a long battle with colon cancer. She was 59 years old. Dr. Bausenbach was a developmental pediatrician affiliated with Kaiser Permanente Northwest and the Children’s Developmental Health Institute of the Arzt Center. After being diagnosed with cancer in 2004, she retired from Kaiser and began helping families address complex problems surrounding autism, Asperger’s syndrome and ADHD. She also taught neuroscience at Portland State University, Mt. Hood Community College and the Multnomah Department of Public Health. Dr. Bausenbach entered medical school at the age of 30 after spending eight years as an intensive care nurse at Highland Hospital in Oakland, Calif. Prior to that, she studied silversmithing and Native American culture at Navajo Community College in Tsaile, Ariz. Her survivors include her husband, Saifan Hodaie, and two children.

Kurt A. Erdelt, MD ’05, of Milwaukee, Wis., died Nov. 7, 2012. He was 34 years old. Dr. Erdelt was a resident in internal medicine at St. Vincent’s Hospital in Indianapolis, Ind. He is survived by his wife, Kathryn.

Other special remembrances

Starkey D. Davis, MD, of Milwaukee, died Dec. 27, 2012, following a prolonged illness. A pediatric infectious disease specialist, Dr. Davis was Professor of Pediatrics and the former Chairman of the Department of Pediatrics at the Medical College of Wisconsin (MCW), and Pediatrician-in-Chief at Children’s Hospital of Wisconsin. He later served as Assistant Dean of Admissions at MCW until his final retirement in 1996. Dr. Davis is credited with expanding the Department of Pediatrics into a multi-specialty practice, as well as helping to locate and design the current Children’s Hospital of Wisconsin on the Milwaukee Regional Medical Center campus. While at the University of Washington in 1968, Dr. Davis and his research team were the first to identify the Hyper IgE Syndrome, a genetic condition which affects the immune system. He joined the MCW faculty in 1975 and was a champion for medical student and resident education. He was an avid tennis player and enjoyed traveling. He is survived by his wife, Kathryn, and three children.

Samuel H. Friedman, PhD, of Milwaukee, Wis., died Dec. 16, 2012. He was 90 years old. Dr. Friedman was Professor of Psychiatry and Mental Health Sciences at the Medical College of Wisconsin and Past-President of the Wisconsin School of Professional Psychology. He served as Chief Clinical Psychologist at the Wood Veterans Administration Center and was asked to provide professional opinion on many notorious court cases, including serving as the court-appointed evaluator for the Jeffrey Dahmer murder trial. Dr. Friedman was a French and German language interpreter for the U.S. military during World War II. He had an encyclopedic knowledge of jazz. His survivors include his wife, Marlene, and a daughter.

Erwin Hirsch, MD, a longtime Mequon, Wis., resident died Oct. 3, 2012, in Wilmette, Ill., following a long illness. He was 92 years old. Dr. Hirsch served on the faculty of the Medical College of Wisconsin between 1970 and 1999, including 11 years as Associate Dean for Continuing Education. He was an expert in blood diseases and developed a better way to limit the breaking up of blood platelets during transfusions. He earned undergraduate and medical degrees from Harvard University. Dr. Hirsch was born in Vienna and immigrated to the United States to join his family who fled Austria while he was a student at the University of Oxford. A classical pianist, he was a member of the board of the String Academy of Wisconsin at the University of Wisconsin-Milwaukee. Dr. Hirsch enjoyed hiking with his family in the Austrian village where he spent his summers as a boy. He is survived by his wife, Emily, two daughters and five grandchildren.

Did you know...

...alumni support allows MCW to award critical scholarship dollars to medical students in need?

Contact Elsa Knysak-Wolfe at eknysak@mcw.edu or 414.955.4707 to learn more.
MCW’s 2012 Annual Report and Honor Roll available to alumni

The Medical College of Wisconsin’s 2012 Annual Report and Honor Roll is now available on the MCW website or in print upon request.

By showcasing “The Future is Now,” the 2012 Annual Report demonstrates how the Medical College of Wisconsin is a leader in creating a future of better health for people in Wisconsin and beyond. The report features articles on innovative work at MCW in each mission: patient care, education, research and community engagement.

Also included is MCW’s Financial Report for fiscal year 2011-2012, the Honor Roll of donors, and information on the Board of Trustees and other advisory boards.

View the annual report online at mcw.edu/publicaffairs or request a printed copy by contacting (414) 955-4700 or mcw.logo@mcw.edu.

ALUMNI EVENTS

Alumni Association
Board meeting
May 3, 2013

Symposium for
Senior Physicians
May 21, 2013

Alumni Scholarship
Golf Classic
Aug. 26, 2013

CME RESOURCES

Requesting transcripts

To obtain a transcript of credits earned through the Office of Continuing and Professional Education at the Medical College of Wisconsin, please call the transcript request line at (414) 955-4896 or use the transcript request form. The form is available online at www.mcw.edu/cme under the “Transcripts” tab and can be faxed to (414) 955-6623.

Alumni receive one transcript per year free of charge. For all subsequent transcript requests, the charge is $5 per request.

For more information about alumni events, contact the Office of Alumni Relations by:

Phone: (414) 955-4781
Email: alumni@mcw.edu
Internet: www.mcw.edu/alumni

2013 ALUMNI WEEKEND

May 3-4, 2013

Friday

2013 Alumni Banquet at the Pfister Hotel, including recognition of reunion class gifts and presentation of Medical School Alumnus of the Year, Graduate School Alumnus of the Year, Humanitarian Award, Distinguished Service Award, and Honorary Alumnus Award.


Saturday

Continental Breakfast
Spouses’ Tour – Milwaukee Art Museum
Scientific Program
President’s Luncheon – with President and CEO John R. Raymond, Sr., MD
Guided Tours – of the Medical College
Estate Planning Seminar
Special Class Dinners and Events – taking place in the evening

CLASS OF 1963 50-YEAR REUNION

May 17-18, 2013

Friday

Commencement ceremony and recognition of the 50-year graduates – Milwaukee Theatre
Buffet Dinner – Pfister Hotel

Saturday

Class Brunch – Pfister Hotel
President’s Dinner – Medical College of Wisconsin

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Alumni Weekend
May 3-4
Milwaukee, Wis.
See page 23 for more information

IT'S YOUR TIME TO SHINE
Alumni Weekend
May 3-4
Milwaukee, Wis.
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