Clinical Apprenticeship puts concepts into practice

Profiles in Primary Care: Future directions

INSIDE

Alumni contribute to development of new campuses
As I near the end of my term as President of the Medical College of Wisconsin/Marquette Medical Alumni Association, I am also nearing a welcome opportunity to reconnect with my classmates. This May, my graduating class of 1974 will gather in Milwaukee for our 40-year reunion.

We will share stories, honor our peers with the Alumni Association’s annual awards program and marvel, I’m sure, over how much has changed in medicine and at MCW since we recited the Hippocratic Oath.

I have always been appreciative of the priority the Association puts on the coordination of its reunions, and during my time on the Association Board, I’ve witnessed the effort required to do so. Alumni Weekend includes 10-11 simultaneous class reunions in five-year intervals. In addition, alumni celebrating their 50-year reunion are invited to participate in MCW’s commencement as honored guests. It’s a unique chance to relive their medical school graduation among the newest generation of MCW alumni.

As a Milwaukee-area resident, I’ve enjoyed a magnified view of our campus’s evolution. For those of you who haven’t returned to Milwaukee in recent years or who perhaps haven’t otherwise visited the College’s newest facilities, I invite you to take advantage of the tours and programs that are available during reunion weekends to acquaint you with the MCW of today.

You might take particular interest in the facilities, technology and infrastructure that support the delivery of MCW’s Discovery Curriculum, including the active learning classrooms, form and function labs, and skills labs. It is the right time to be inspired and to consider how you can support medical education for current and future medical students through your time or your philanthropy.

I encourage the members of all reunion classes to join us in 2014. Contact the Alumni Association at alumni@mcw.edu or (414) 955-4781 to secure your space, and I will see you there.

Paul E. Hankwitz, MD ’74, GME ’78
Alumni Association President
Clinical concepts put into practice
The Medical College of Wisconsin’s Discovery Curriculum encourages students to think and act like physicians from day one. The new Clinical Apprenticeship component of the curriculum is providing earlier and expanded clinical education for the next generation of physicians.
Classes represented in this story: ’90, ’02, ’16

Virtual dissection a reality
To complement the traditional anatomy experience, MCW acquired a state-of-the-art Anatomage Table last year. With a high resolution, life-size touchscreen, the technology offers students, residents and faculty the ability to view the human body from countless viewpoints and cross sections to further their understanding through virtual dissection.
Classes represented in this story: ’81, ’93

Lending insight to new campuses
Alumni are providing an important voice in the development of MCW’s new medical school campuses in Green Bay and Central Wisconsin. An Alumni Association Board member serves on each community advisory board, and other alumni represent their respective health systems or academic institutions in partnership.
Classes represented in this story: ’77, ’83, ’86, ’90, ’96, ’00

Profiles in Primary Care
While much is influenced by external forces, the strength and success of primary care in the years to come may depend on individual choice, adaptation and the development of new ideas. In the third and final installment of this multipart series, alumni discuss the future directions of primary care.
Classes represented in this story: ’73, ’80, ’83, ’96, ’97, ’03, ’11

Storm chasers
In the aftermath of supertyphoon Haiyan, two alumni traveled to islands in the Philippines on separate medical missions to provide care to the many victims of the storm.
Classes represented in this story: ’82, ’92
Antioxidants, stress and hypertension: MCW researchers seek answers to fundamental questions

The Medical College of Wisconsin (MCW) has received a five-year, $9.5 million grant from the National Heart, Lung and Blood Institute to study the role of hydrogen peroxide in development of salt-sensitive hypertension. The unifying hypothesis of this program project grant is that hydrogen peroxide production in the renal outer medulla of the kidney plays a dominant role in the development of salt-sensitive hypertension.

Allen Cowley, PhD, Professor and Chair of Physiology at MCW, is the primary investigator of the program project grant. Co-primary investigators are David Mattson, PhD ’90, Professor of Physiology; and Mingyu Liang, PhD, MB, Fel ’02, Professor of Physiology. Dr. Cowley holds the James J. Smith & Catherine Welsch Smith Chair in Physiology and the Harry & Gertrude Hack Term Chair in Physiology.

First, Dr. Cowley’s team will explore the hypothesis that increased salt intake results in excess production of hydrogen peroxide, constricting blood vessels in the kidney. Dr. Mattson’s team suspects that constriction leads to an initial increase in arterial pressure, which results in an increase of free radicals and cytokines in the kidney. Finally, Dr. Liang’s team will evaluate the hypothesis that a newly discovered pathway of hydrogen peroxide production related to metabolism contributes importantly to the development of hypertension.

The conceptually unique, yet correlated, hypotheses will advance understanding of the molecular and physiological mechanisms underlying salt-sensitive hypertension. Additionally, the studies will provide a better understanding of the mechanisms responsible for increased oxidative stress and enable the targeting of enzymes responsible for its generation, which should lead to better antioxidant therapies.

New radiology chairman joins MCW faculty

Vincent P. Mathews, MD, has joined MCW as the James E. Youker Professor and Chairman of Radiology. He most recently served as professor of radiology (neuroradiology) at the Indiana University School of Medicine in Indianapolis, and president and CEO of Northwest Radiology Network.

Dr. Mathews’ research focuses on the fields of functional magnetic resonance imaging of the brain and brain functioning in adolescents. He has served as a trustee of the American Board of Radiology since 2011 and received its Lifetime Service Award in 2010.

After earning his MD with highest distinction from the Indiana University School of Medicine in 1986, Dr. Mathews completed his residency in diagnostic radiology at Indiana University Medical Center Hospitals in 1990. He then completed two fellowships in neuroradiology – at Indiana University Medical Center Hospitals and Johns Hopkins Hospital in Baltimore, Md.

Dr. Mathews began his faculty career in 1992 at Johns Hopkins University School of Medicine. He then spent several years at the Bowman Gray School of Medicine in Winston-Salem, N.C., before joining the Indiana University School of Medicine in 1995.

Dr. Mathews succeeds as chairman James E. Youker, MD, who held the position since 1968. The endowed chair in Dr. Youker’s name was established through the gifts of alumni of the medical school, radiology residency and fellowship programs, as well as current and former faculty to honor his leadership. A pre-eminent radiological scholar, Dr. Youker is an Honorary Alumnus of MCW, and he will remain a member of the radiology faculty.

Imaging technique has utility for spinal cord injury, disease

An imaging technique called diffusion tensor imaging (DTI) shows promise in forecasting, evaluating and monitoring patients with spinal cord injury and disease. The technique uses magnetic resonance to measure the magnitude and direction of diffusion of water molecules in the tissue.

Researchers at MCW have been working to refine this technique, which has been used in brain imaging, for spinal cord imaging to evaluate injury, to prognosticate disease, and to monitor patients who have spinal cord disease. A review of that work was recently published in Neurosurgery. Shekar Kurpad, MD, PhD, Fel ’01, Associate Professor of Neurosurgery, is the corresponding author.

The researchers found DTI provides good contrast between gray and white regions and is sensitive to degenerative changes in the spinal cord that are not provided by a conventional MRI scan.
MCW medical students send a special message to alumni to thank them for supporting education. Scan the code or visit mcw.edu/alumni to view the video.

Students thank alumni for supporting them

Genetic cause of Warburg Micro syndrome discovered

A collaborative team led by researchers at MCW and the University of Edinburgh has identified a gene responsible for Warburg Micro syndrome, a rare genetic disease characterized by eye, brain and endocrine abnormalities. Patients with Warburg Micro syndrome are severely physically and mentally challenged, unable to learn how to walk or speak and become blind and paralyzed from an early age.

After evaluating more than 70 families with Warburg Micro syndrome, the team found five distinct loss-of-function mutations in TBC1D20, a gene known to cause blindness and sterility in mice. The researchers believe additional genes contribute to the disease. This finding will help scientists better understand the genetics behind this and more common developmental disorders.

The findings are published in The American Journal of Human Genetics.

Genes associated with speech disorder identified

Researchers at MCW are co-recipients of a five-year, $5.4 million NIH Director’s Transformative Research Award to investigate new strategies to minimize cardiac and neurologic injury after cardiopulmonary resuscitation. Surviving cardiac arrest with normal cardiac and neurological function is rare. One reason is reperfusion injury, which occurs when blood supply returns to the heart and brain after they’ve been deprived of oxygen.

In this multi-disciplinary, translational project, the collaborative team will implement novel reperfusion injury protection strategies in cardiac arrest, investigating basic science mechanisms, animal model outcomes and application in humans. Pilot data demonstrates significant potential to improve neurologically functional survival after cardiac arrest.

At MCW, Matthias Riess, MD, PhD ’04, GME ’08, Associate Professor of Anesthesiology and Physiology; Tom P. Auferheide, MD, GME ’86, MS ’13, Professor of Emergency Medicine; and Martin Bienengraeber, PhD, Associate Professor of Anesthesiology and Pharmacology and Toxicology, are co-investigators. The PI is Demetris Yannopoulos, MD, Associate Professor of Cardiology at the University of Minnesota.

Improving CPR: MCW part of collaborative team to develop new life-saving strategies

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Genomes associated with speech disorder identified

A collaborative team of researchers has used next generation sequencing to identify clinically relevant genetic variants associated with a rare pediatric speech disorder. The findings were published in the Sept. 16 issue of the Journal of Neurodevelopmental Disorders. Childhood apraxia of speech (CAS) is a rare, severe speech disorder that in some patients also affects cognitive, language and learning processes.

Elizabeth Worthey, PhD, Assistant Professor of Pediatrics (Genomics and Bioinformatics) at MCW, working with Dr. Lawrence Shriberg at the University of Wisconsin – Madison Waisman Center, and their colleagues used whole exome sequencing to confirm previous reports of candidate causal genes and identify novel candidate associations.

Organ donation outreach effort recognized by HHS

Froedtert & the Medical College of Wisconsin recently received gold level recognition from the U.S. Department of Health and Human Services for its organ donation and registration outreach efforts with a score of 1,125. Gold level recognition requires a score of 500 or more in categories relating to organ donation awareness, outreach and education.
In the Medical College of Wisconsin’s (MCW) Discovery Curriculum, faculty and community physicians help teach the next generation of doctors through early clinical experiences, adding to a legacy in medical education built on 120 years of history. The Discovery Curriculum encourages students to think and act like physicians from day one, and presents the opportunity through multifaceted learning modalities.

A signature feature of this dynamic model is the Clinical Apprenticeship, which provides first- and second-year medical students with weekly opportunities to interact with patients in the supervised setting of a campus or community clinic.

Alumna Dr. Irina Konon serves as preceptor for second-year medical student David Schauder in the Clinical Apprenticeship portion of the medical school’s Discovery Curriculum. David, who has a strong interest in research, is enrolled in the Medical Scientist Training Program, from which graduates earn both an MD and PhD.

Clinical Apprenticeship
puts concepts into practice

MCW’s Discovery Curriculum is providing earlier and expanded clinical education for the next generation of physicians
Leading up to the apprenticeship, medical students entering the Discovery Curriculum begin their studies in the basic sciences. In parallel, they begin learning the foundations of clinical medicine in the very first week, receiving instruction in the basics of medical interviewing, physical examination, written documentation, the medical record and professional conduct required for patient care.

Students begin the year-long Clinical Apprenticeship in their second term, during which they spend one half day per week in the clinic developing core skills and interacting with patients, faculty and other health care professionals.

“The students are seeing real patients in a real clinic, and learning essential clinical skills under the supervision of their faculty mentor,” said José Franco, MD ‘90, GME ‘93, Fel ‘95, Discovery Curriculum Director and Professor of Medicine (Gastroenterology and Hepatology).

Each student is assigned a specific faculty preceptor who advises, observes and evaluates them as they perform core patient care activities and demonstrate essential skills. The one-to-one nature of the student-preceptor relationship allows for more effective mentoring through goal setting, preparation for clinic visits and review of patient encounters.

Faculty physician Irina Konon, MD ‘02, GME ‘05, Fel ’07, is Assistant Professor of Medicine (Rheumatology) at MCW. She practices in the Froedtert & the Medical College of Wisconsin rheumatology clinic and serves as preceptor for second-year medical student David Schauder, Class of 2016.

“I think the most valuable part of the Clinical Apprenticeship is getting comfortable interacting with a lot of patients,” said Schauder, a Dearborn, Mich., native and graduate of University of Michigan.

“Before medical school, most people shadow a physician or have a volunteer experience seeing doctors interact with patients, but this is the first time where you are involved in the basics of actually being a doctor.”

Students gain experience and confidence by taking patients’ medical histories, conducting physical exams, presenting patients to their preceptor, coordinating follow-up visits, participating in patient education and consulting with families. Because the apprenticeship comprises a full year, students may build rapport with patients and encounter a wide range of situations along the continuum of care. The early clinical exposure prepares students for their third-year clerkships, when they rotate through clinics of all specialties as part of their education.

As an alumna, Dr. Konon finds contributing to MCW’s legacy of training excellent physicians especially rewarding.

“I love the teaching aspect of what I do,” she said. “As a physician, you are always educating – patients, nurses, your clinic team – but it’s particularly rewarding to teach medical students and now students early in their careers to help them with a smooth transition into the clinical world and rotations. I’ve been taught by faculty at MCW throughout my medical training and feel it’s time to give back to this school as we, as clinicians, are able.”

The Class of 2016, Schauder’s class, is the first to experience the Discovery Curriculum throughout its entire four years of medical school at MCW. The integration of basic science and clinical skills is a definite hallmark.

“The Discovery Curriculum provides significant clinical education in the first two years, enabling students to connect basic science with patient experiences,” Dr. Franco said. “Students also benefit from this additional time to learn and practice clinical skills.”

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**Explore MCW's Discovery Curriculum**

mcw.edu EXTRA

Innovative uses of education space: A virtual tour of the active learning classroom at mcw.edu/MDapprenticeships.

- Read frequently asked questions about the Discovery Curriculum at mcw.edu/FAQcurriculum.
- Learn more about the Medical Scientist Training Program at mcw.edu/MSTP.
A state-of-the-art virtual dissection table acquired last year by the Medical College of Wisconsin (MCW) is proving a valuable complement to traditional anatomy learning. The Anatomage Table uses three-dimensional imagery from digitally scanned specimens to offer a life-size, virtual dissection experience via touchscreen interface. It has the capacity to render limitless views of the human body in exquisite detail.

The technology allows learners to visualize skeletal tissues, muscles, organs and soft tissue and further customize the interaction by virtually slicing, layering and segmenting the anatomy. The selections can be rotated or flipped to accommodate any viewpoint.

“Using the Anatomage teaching tool allows us to very dynamically show students anatomy – and to show it to them in three dimensions – and allow them during lab time or in the classroom setting to come up and actually manipulate the specimens themselves,” said Todd Hoagland, PhD, Associate Professor of Cell Biology, Neurobiology and Anatomy.

The tool has particular utility in helping students understand three-dimensional relationships in ways that static images, like those in textbooks, cannot. For example, Beth Krippendorf, PhD ’93, Associate Professor of Cell Biology, Neurobiology and Anatomy, incorporated the Anatomage Table into the gross brain laboratories of the M1 medical neuroscience course. It helps students learn the sectional topography of the brain.

“In order to study a brain specimen, MCW students remove the brain from the cranial cavity of their body donor,” Dr. Krippendorf said. “While this dissection keeps the brain intact, the brain specimen removal necessarily removes the relationship of the brain to other cranial structures. The Anatomage images show the brain in situ, so it facilitates learning the 3D relationships between the brain and other structures in the head region.”

Student feedback on use of the device has been positive. They thought it was a valuable tool to supplement dissection. Students requested that the table be made available for further study outside of scheduled laboratory sessions.

Beyond its use in gross anatomy coursework for medical students, the Anatomage Table has applications for residents, teaching faculty and practicing physicians. The Anatomage offers students the chance to explore human anatomy in an interactive environment, faculty the ability to annotate real-life clinical scans for optimal teaching encounters, clinicians the opportunity to practice patient-specific medical visualizations, and researchers the ability to merge 3D geometric models with volumetric images to support research efforts.

The ability to import actual patient radiology images from MCW’s hospital affiliates is noteworthy for the added detail and interactivity it can offer during case studies.

MCW educators have begun objectively measuring the impact of using the Anatomage Table on learning outcomes.

Jacqueline J. Wertsch, MD, Fel ’81, an emeritus faculty member in physical medicine and rehabilitation at MCW, guided several current faculty and staff through the process of developing abstracts approved for the American Association of Clinical Anatomists meeting in 2013. They addressed:

- Teaching pelvic floor musculoskeletal anatomy using Anatomage
- Teaching fluoroscopically-guided injection procedures using Anatomage
- Implementing screen captures of Anatomage content for use with community-based medical education programs

“We’re very fortunate to have the Anatomage Table,” Dr. Hoagland said. “There are only a few dozen of these in existence in the world, and considering we have this now, it should be a great way to generate scholarship and to really help train the next generation of physicians.”

mcw.edu EXTRA
See the Anatomage Table’s capabilities in action at mcw.edu/anatomage.
Alumni knowledge of community medicine and MCW benefits advisory boards for new campuses

As the building blocks of its campuses in Green Bay and Central Wisconsin take hold, the Medical College of Wisconsin (MCW) is listening to knowledgeable voices in the community to construct its innovative medical education programs. Through service on their regions’ respective community advisory boards, two Alumni Association representatives are lending their considerable expertise and insight to the effort.

**Steven C. Bergin, MD ’74, GME ’78,** joined the MCW-Central Wisconsin community advisory board to support MCW’s initiative to address the existing and expanding primary care physician shortage in Wisconsin. He is an obstetrician and gynecologist who practices in Stevens Point with Aspirus OB/GYN Associates.

“I am a proud alumnus and a strong supporter of MCW’s mission and vision for the citizens of the state,” Dr. Bergin said. “Since completing my training, I’ve had the pleasure of observing my alma mater become a premier medical school. When approached and after reviewing the venture proposal, I could not refuse as I saw this as an exciting opportunity to contribute.”

Working with partners in Central Wisconsin and Green Bay, MCW is developing new medical education campuses to enable and encourage more physicians to receive their training and remain in Northeast and Central Wisconsin to practice. Target start dates for the first class of medical students are summer 2015 for MCW-Green Bay and summer 2016 for MCW-Central Wisconsin.

Dr. Bergin’s significant history in the region and his experience championing MCW – he was President of the Medical College of Wisconsin/Marquette Medical Alumni Association in 2010-11 and continues to serve on its board – provide great value to the community advisory board.

“My 36 years of practice experience allows me to reflect and relate the historical evolution of health care delivery in Central Wisconsin,” he said. “Understanding the changing face of the practice of medicine and the community response is important as we undertake this bold initiative.”

**Frederic “Fritz” Schmidt, MD ’83, GME ’88,** has substantial ties to Northeast Wisconsin, which makes his perspective on the MCW-Green Bay community advisory board equally well-respected. He was born and raised in Green Bay, and his family has more than 100 years of medical practice history in the region.

“I felt this a highly worthy cause and felt, who better to contribute?” Dr. Schmidt said. “I have served in a leadership capacity at all three of the hospital organizations that are cooperating to bring this initiative to completion and believe I have a good feel for the workings of the community.”

An otolaryngologist at Northeast Wisconsin ENT, Dr. Schmidt brings a practicing physician’s viewpoint to the board and ideas for the integration of students into the clinical work environment of local doctors. He also serves on the Alumni Association Board and sees merit in the expansion of medical education in Wisconsin.

“I believe it will give qualified candidates the chance to focus on their development into a top notch primary care provider, something we as a country will certainly need soon and into the future,” he said. “That is the strong goal of the Green Bay campus.”

Dr. Bergin predicts 2014 will be extremely busy for the MCW-Central Wisconsin community advisory board as members focus on faculty development, program accreditation, the admissions process, fundraising and the search for a campus dean.

On Jan. 1, Matthew L. Hunsaker, MD, became Campus Dean for MCW-Green Bay. He previously served as Director of the Rural Medical Education Program and Associate Professor, Tenured, Department of Family and Community Medicine at the University of Illinois College of Medicine at Rockford.

MCW leaders and partners in Green Bay and Central Wisconsin continue to make progress in the areas of curriculum development, faculty and student recruitment and development, facilities, and graduate medical education for the new campuses.

**This summer:** Learn how alumni giving is helping make community medical education possible.

**mcw.edu EXTRA**

Meet Dr. Hunsaker, Campus Dean of MCW-Green Bay at mcw.edu/DeanHunsaker.

**Additional alumni service**

Other alumni serving on a community advisory board as representatives for their respective organizations include:

**Green Bay**

Michael Erdmann, MD, GME ’86
Craig Hanke, PhD ’00
Jon Lehrmann, MD ’90, GME ’94
Ed Millermair, MD’83, MBA
Paul Pritchard, MD ’96, GME ’99

**Central Wisconsin**

Daniel McCarty, PhD, MS ’90
With many documented pressures facing primary care physicians, what will the future hold for the field that has long provided the gatekeepers and served as the foundation of the health care system? While much is influenced by external forces, the strength and success of primary care in the years to come may depend on individual choice, adaptation and the development of new opportunities, as our final installment in this multipart series shows.

**Bruce Berry, MD ’83, GME ’86,** expresses a fairly universal motivation for primary care physicians. The prospect of developing doctor-patient relationships built on trust and compassion has attracted many to the field, but it’s also a commitment of time that many say can be difficult to maintain in today’s climate.

Dr. Berry, an internist on the south side of Milwaukee, makes it a priority to balance his practice, raising his four kids, teaching and engaging in clinical study. He teaches nurse practitioner and physician assistant students from Marquette and recently published research demonstrating the safety and efficacy of influenza vaccination for hospitalized patients.

Such multi-tasking often requires compromise, but Dr. Berry said he remains happy in his career choice through nearly 30 years in practice.

“...that is the beauty of primary care – no two days are the same. I like being involved in people’s day-to-day struggles and helping them as best as possible to overcome or at least make the best of the situation with which they are presented. I like being somebody’s doctor.”

**Jill M. (Pagels) DeVries, MD ’96,** practices family medicine part time by job sharing with her husband, Dr. Mark DeVries, in Taylorsville, N.C.
“To do everything I want to in a day, I sometimes can only do the must-do work at the office and delay other work for the next day or take work home to do after family activities are complete and the kids are in bed,” said Dr. Berry who now practices with a group after 21 years of having just one partner. “Nobody starts the day wanting to be second best at their job or for their family, so trying to be excellent in both arenas can be challenging.”

Jubilations & tribulations of independence

Leon Driss, MD ’80, has accepted plenty of challenges through the years but reports increasing strain on his general internal medicine practice in the Lakeside, Ariz., area. He believes that the prospect of investing in electronic medical records (EMRs), quality reporting or joining an accountable care organization combined with declining reimbursements, lower earnings and rising overhead eventually may be too costly for his practice to endure.

“The future pressures are not only driving primary care to extinction but making it near impossible to be a solo practitioner or be in a small group practice,” he said.

To make ends meet, he said he has aggressively cut overhead, moved to a smaller office, hired a PA and begun working night shifts as a hospitalist while maintaining his office hours. He enjoys his work greatly but is prepared to transition to administrative medicine if his practice becomes nonviable.

“I am good at primary care,” Dr. Driss said. “I am especially good at taking care of the most complicated patients. I enjoy the challenge of seeing patients who have had difficult health problems, been to many practitioners and come away dissatisfied. I am often able to figure out what is wrong, address it and leave the patient smiling. I am an old-fashioned internal medicine physician. A dinosaur. There are others out there like me who take pride in taking care of the sickest of the sick while using fewer resources, but every day, there are fewer of us.”

Dr. Driss was once part of a six-member practice. One by one, he said, his partners left the field. Now he is a solo practitioner.

Sanford “Sandy” Brown, MD ’73, is a lifelong solo practitioner who views independent practice as the means to a healthy future for primary care. Drawing young physicians to this model, however, would require role models and exposure to tools that could prepare them to hang their own shingle, he said.

“My practice model works for me, but there appears to be little motivation for others to follow my lead since most young doctors never had a solo primary care physician and were never taught how to run a practice either in medical school or residency,” Dr. Brown said.

Dr. Brown champions solo practice for the ability to decide what’s best for the patient without interference, he said, but new practice requirements such as EMRs, electronic prescribing and other information technology components are obstacles for the independent physician.

The value of primary care remains and is demonstrated daily in Dr. Brown’s office, located in rural Fort Bragg, Calif. For the physician, the greatest reward stems from “being able to have long-term relationships with my patients,” he said.

“We’ve grown old together.”

Sharing the load

Primary care lends itself to a number of different practice models. Some doctors find a less conventional structure yields personal and professional advantages.

Jill M. (Pagels) DeVries, MD ’96, and her husband, Mark DeVries, MD, met and married during their family medicine residencies in South Carolina. Immediately after training, they began a job share arrangement at a hospital-owned network with an eye on growing their family. They and their employer favored the arrangement, so when the family moved six years later to rural Taylorsville, N.C., they sought another job share, this time with an independent, physician-owned family practice group.

“Personally, the job share model works well for us and our family because we each have a good amount of time home with our younger kids and are able to be involved at school and with the older kids’ activities,” said Dr. DeVries, who has six children ages 3-13. “I can’t think of any negatives to the job share arrangement from the personal standpoint other than the lower income; we could earn about twice as much if we both worked full time, but that’s not what’s most important to us.”

Although the couple’s patients accept that they each have limited availability, the Drs. DeVries have maintained consistent schedules to lessen this challenge. They are also able to cover the acute problems of each other’s patients and can share information with each other at home in preparation for the next day.

These adjustments are minor compared with the gains of being able to spend more time with their children, she said. The schedule may also provide
some insulation against the stressors of a job in which they are caring for an underserved region with 10 percent unemployment and 18 percent of its population on Medicaid.

“Professionally, being part time helps protect each of us from burn-out, which seems particularly prevalent in primary care medicine these days,” she said. “I suspect that job sharing will increase in the future in medicine. With more females in medical school these days, there may be more desire to work part time and job share with a colleague so that each of the women would have more time with her family.”

Community Physicians

Changes in medicine also have led many primary care physicians to join multispecialty group practices or integrated hospital and health systems, observes Mark Lodes, MD ’97, GME ’01. This does give doctors who were otherwise facing mounting practice expenses without concomitant increases in revenue some additional protections and compensation guarantees. A practicing primary care physician, Dr. Lodes is President of Froedtert & the Medical College of Wisconsin Community Physicians, a joint clinical practice between MCW and Froedtert Health in southeastern Wisconsin.

Of Community Physicians’ 400+ providers across 30+ locations, more than 200 are primary care physicians. All of the sites are National Committee for Quality Assurance (NCQA) – certified medical homes, and all are linked, along with the academic medical center, by a common electronic health record. The community-academic partnership makes the practice unique.

“We bring the best that community-based practice has to offer, with high quality primary and general specialty physicians practicing locally while pairing this with the best that academic medicine has to offer,” said Dr. Lodes, who notes that the partnership helps bring clinical trials and other emerging therapies to patients locally. “Our primary care physicians feel extremely confident that their patients are being provided the highest quality of specialty care, knowing the resources available to them both in the community and at the academic medical center.”

The macro-economic reform that is driving health care from a volume-based reimbursement model to a value-based model will further emphasize primary care physicians’ roles “on the front lines” in managing the overall health of populations, reducing costs within the system and promoting healthy outcomes for patients in the future, Dr. Lodes said.

“The need for high quality primary care physicians will only increase in the next two decades,” he said. “The next generation of providers will need to be prepared for the challenges of caring for populations and, more than ever, become integral parts of outpatient care teams aimed at delivering on this promise.”

Mark Lodes, MD ’97, GME ’01, is President of Froedtert & the Medical College of Wisconsin Community Physicians, a joint clinical practice between MCW and Froedtert Health in southeastern Wisconsin.

Thomas L. Carter, MD ’03, works with a resident at the Scripps Clinic in La Jolla, Calif. Dr. Carter is the associate program director for ambulatory medicine at the Scripps Clinic/Scripps Green Hospital Internal Medicine Residency Program.
The development of new medical education campuses additionally demonstrates how MCW is being proactive in planning to help support the anticipated, critical need for more primary care physicians in Wisconsin. Read more about MCW-Green Bay and MCW-Central Wisconsin on page 9.

“I believe that we will look back a decade or two from now and cite this initiative as an important contribution toward meeting the state’s primary care demands,” Dr. Lodes said.

At this moment, a number of MCW alumni are engaged in training the next generation of primary care providers, including Thomas L. Carter, MD ’03, the associate program director for ambulatory medicine at the Scripps Clinic/Scripps Green Hospital Internal Medicine Residency Program. Dr. Carter is the primary care site director for Scripps Clinic in La Jolla, Calif.

“We have attempted to create a curriculum that exposes residents more to the environment of primary care,” said Dr. Carter, who notes changes in the program have included providing residents with panels of patients to follow throughout their training and designating time for exclusive discussion of primary care cases. “But they don’t come prepared for the primary care perspective and the business side of medicine, and it’s hard to prepare them in a primary care residency program that is focused on hospital medicine.”

Dr. Carter’s patients are middle to upper middle class and include many biotech industry employees, from custodial staff to executive leadership. His clinic doesn’t face the challenge of serving indigent populations but does need to navigate reimbursement changes.

“We have to figure out where we take the first step in moving from fee for service to population management,” he said. “It’s like trying to rebuild a house while you’re living in it.”

Current payment models continue to disincentivize primary care as a career, and graduating medical students sometimes find their interests at odds with their income potential, he said.

“I don’t think the importance of primary care doctors is misunderstood, but encouraging students to go into primary care is not a priority for the overall industry of medicine based on the monetization of procedures,” Dr. Carter said. “I do think there has been an uptick in residency applications stating an interest in primary care, but I don’t know how that relates to residents actually taking jobs in primary care. That’s where the rubber meets the road – the point of graduating from residency – do you take a job in a clinic or go for a fellowship?”

In eastern Idaho, where Justin M. Bailey, MD ’03, practices, primary care is critically important for the underserved. Fifty percent of the population is uninsured and his full-spectrum family medicine clinic is the largest provider for Medicare/Medicaid in the state of Idaho. In addition to being a federally qualified health center, the practice places providers in elementary schools, staffs the local free clinics and offers services on a sliding fee scale.

Dr. Bailey is involved in the clinic’s family practice residency program, which has a primary focus of training residents for rural, underserved care. Diminishing compensation is only part of the problem; mounting debt also drains the primary care field, he said.

“It would be nice to see more assistance to help cover the growing medical debt burden,” he said. “Many of our residents seek underserved, rural areas to try and get assistance to pay off loans. However, for many of them, where and how they want to work is strongly influenced by the concern of loan repayment and trying to serve two conflicting interests.”

Despite this, Dr. Bailey remains optimistic about the future of primary care and the physicians who will define the next generation of medical practice.

“The applicants we get in our residency program are top notch,” he said. “They come to primary care in spite of the pressures to be elsewhere. It’s not the pay and it’s not the praise of specialists that draws them. It’s that boots-on-the-ground desire to make the world a better place than they found it and knowing that primary care is that hammer for that nail. I don’t see anyone killing that anytime soon.”
Alumnus establishes David S. Haskell, MD Endowed Chair in Orthopaedic Education

Already extremely active with his alma mater, a Medical College of Wisconsin alumnus has made a substantial gift to establish an endowed chair supporting teaching and training in orthopaedic surgery at MCW.

David S. Haskell, MD ’67, GME ’72, graduated from MCW’s predecessor, the Marquette University School of Medicine, and earned election to the Alpha Omega Alpha National Honor Medical Society. He also completed his residency in orthopaedic surgery through MCW. His donation establishes the David S. Haskell, MD Endowed Chair in Orthopaedic Education.

“Giving back is a tradition in our family,” Dr. Haskell said. “As a graduate of the MCW orthopaedic residency program in 1972, I want to assure that the program can continue to have financial support in its effort to recruit, reward and retain the best faculty for the program and to attract the best and brightest students to one of the top programs in the country.”

The orthopaedic surgery residency program at the Medical College of Wisconsin has a long and successful tradition. It places a strong emphasis on mentoring. Resident physicians are exposed to the entire spectrum of orthopaedic specialties and participate in the practice of general and sub-specialized orthopaedics in both academic and private practice settings.

Education has been a longstanding interest for Dr. Haskell, who serves as an associate clinical professor at MCW. He has been a strong proponent through the years of continuing medical education to enhance his practice and he has donated frequently to MCW’s Orthopaedic Surgery Research and Educational Fund.

Dr. Haskell is a full-time orthopaedic surgeon in private practice in Wauwatosa, Wis. His career has been spent in the professional company of fellow alumni and practice partners the late Robert W. McCabe, MD ’57, GME ’64, and William P. McDevitt, MD, GME ’66. Dr. Haskell additionally served as the team physician for the Milwaukee Bucks from 1973 to 2002 and is now a Physician Emeritus for the team.

A member of the Zeit Fellowship, MCW’s most prestigious giving society, Dr. Haskell is a former trustee of the Medical College, serving on the Board from 1999-2002. He is a consistent supporter of major MCW events, including the annual Healthcare Dinner and Zeit Dinner.

“The creation of the David S. Haskell, MD Endowed Chair in Orthopaedic Education is an appropriate tribute for an individual who has committed himself so unfailingly and so thoroughly to education in orthopaedic surgery,” said John R. Raymond, Sr., MD, President and CEO of MCW. “Dr. Haskell’s generosity will be felt by orthopaedic residents training at MCW for countless years to come.”

Dr. Haskell has also been generous with his time in support of alumni activities and his classmates. He is a past president of the Medical College of Wisconsin/Marquette Medical Alumni Association, and he chaired both his 40th and 45th reunion committees. In 2001, he received the Alumni Association’s Distinguished Service Award.

Dr. Haskell is married to Mrs. Suzanne Haskell. They have two adult children.
Taking the power out of cancer’s punch.

That’s the goal of Linda Resar, MD ’86, Associate Professor of Medicine, Oncology and Pediatrics, and affiliate in the Institute for Cell Engineering at The Johns Hopkins University School of Medicine.

Dr. Resar studies the high mobility group A1 (HMGA1) gene, which is turned on by growth factors in cells. Her lab’s early research found that the gene has potent oncogenic (causing tumor development) activities, and recently discovered that the HMGA1 protein functions as a key molecular switch required by cancer cells to invade and metastasize to distant sites.

“The HMGA1 gene is overexpressed in all aggressive tumors studied to date, and high expression correlates with poor outcomes in diverse tumor types,” she said. “We found that silencing this so-called master regulator results in dramatic changes in cancer cells, including halting uncontrolled growth and altering cell shape and behavior to prevent cancer cells from spreading.”

This discovery may hold the key to developing agents that block the gene, or pathways or processes that it affects. Dr. Resar’s team is taking a multipronged approach in its search for effective treatments.

“One approach is to block expression of the HMGA1 gene itself, and we are working on developing nanoparticles to deliver vectors capable of silencing this gene in preclinical tumor models,” Dr. Resar said. “Another is to block pathways induced by this gene and protein, and we have studied inhibitors to pathways downstream of HMGA1. A third is to develop small molecules, called aptamers, to block HMGA1 binding to DNA. Finally, we are also looking for regulatory microRNAs that could repress expression of this gene.”

Dr. Resar has been studying high mobility group genes for two decades. Her passion for research began nearly 30 years ago at the Medical College of Wisconsin.

“I had the opportunity to learn with an outstanding group of students who inspired me and also taught me a great deal.”

Dr. Resar initially became interested in investigating blood diseases and therapies to benefit her patients with sickle cell anemia. As it turned out, the gene she chose to study is not only an important stem cell gene, but also a critical cancer-causing gene. Today, she is returning to her original area of interest, in addition to continuing her cancer research.

“We know that the HMGA1 gene is also overexpressed in developing embryos and in stem cells,” she said. “Recent work from our lab suggests that it plays a fundamental role in stem cell function.”

Dr. Resar is studying pathways related to HMGA1 that could be used to increase fetal hemoglobin production in blood cells in patients with sickle cell disease. High levels of fetal hemoglobin ameliorate symptoms and improve outcomes for patients with sickle cell disease.

With her research coming full circle, she reflects on those who inspired her along the way: “I had the opportunity to learn with an outstanding group of students who motivated me and also taught me a great deal. In fact, my husband was a student at MCW, and we were married one week after I graduated.”

Jon R. Resar, MD ’85, is Associate Professor of Medicine and Director of Interventional Cardiology at Johns Hopkins. The Resars have four children; their oldest daughter is studying pre-medicine and literature in college.

Dr. Linda Resar attends in the Hematology Clinic at The Johns Hopkins Hospital. She has published over five dozen papers in her field and is on the editorial board for Current Molecular Medicine. She has been continuously funded by the National Institutes of Health for 21 years.
The massive destruction left in the wake of super typhoon Haiyan in November elicited a strong humanitarian response, including the volunteer work of two Medical College of Wisconsin alumni. Both traveled to islands in the Philippines on medical missions to provide care to victims of the storm.

**Thomas Shieh, MD ‘92**

With the Guam Medical Association, of which he is president, Dr. Shieh led a contingent of 24 health care workers, including 10 physicians, to Cebu, Philippines, in late November. They saw more than 2,700 patients in three days. Their most prevalent needs were infection control, chronic illnesses and women’s health, including lack of prenatal care.

An OB/GYN at his Shieh Clinic on Guam, Dr. Shieh believes their mission made a positive difference, from the many ultrasounds to the breech baby he turned vertex.

“It’s a very humbling experience,” said Dr. Shieh who returned in January for a second mission into Tacloban. “It was the people – the women who were pregnant, and not only do they not have any prenatal care, they had only eaten one meal a day. Many of the pregnant moms were very appreciative of just hearing or seeing their babies’ heart beat for the first time. That alone brought them hope in a post-supertyphoon recovery.”

**Robert E. Napoles, MD ‘82**

Dr. Napoles was one of 13 members of a group from Jordan International Aid who brought more than 2,000 pounds of medical supplies to Leyte, Philippines, and treated countless patients in mid-December in and around the city of Tacloban.

They treated many respiratory and gastrointestinal illnesses as well as skin infections in addition to occasional cases of acute tetanus and chronic schistosomiasis. He said they were touched by the Filipino pride and resolve to remake their city and properties. The team left ample supplies for other physicians providing future medical relief.

“I was a Peace Corps volunteer 39 years before on an island very close to where I returned this December,” Dr. Napoles said. “It was rewarding to be able to give back a little to the wonderful people who live in the Philippines.”

Dr. Napoles practices internal and sports medicine with the Sutter Pacific Medical Foundation in San Francisco.
Late alumnus founds patient library in Clinical Cancer Center

A gift from the estate of Myron B. Minko, MD ’76, has been used to create a new library and resource center in the Froedtert & the Medical College of Wisconsin Clinical Cancer Center. The Myron Minko, MD Patient Library opened in October in the Jeffrey C. Siegel Quality of Life Center area. Books, brochures and other resources are available, as well as a computer for patient and family use.

“I grew up with books, and I am an avid reader,” the late Dr. Minko said when establishing his planned gift. “It is gratifying to find a gift that matters as much to me as it will to the patients.”

Dr. Minko grew up in New York City and learned to speak his native Ukrainian before he learned English.

“My studies at NYU led me to medical school at the Medical College of Wisconsin, where I found the teaching to be very strong. But even stronger was the time allocated for training,” he had said. “These formed the foundation that allowed me to pursue a successful career in medicine and psychiatry.”

Dr. Minko had been battling esophageal cancer and was a patient at the Cancer Center. He died Oct. 9, 2012.

Survey response valuable

Thank you to the many alumni, students and trainees who participated in the 2013 ALUMNI NEWS survey. With more than 800 responses, we received valuable feedback and ideas that will help shape the direction of our future communications. For example, we learned alumni are very interested both in information about alumni, their work, activities and opinions as well as information about MCW programs, achievements, initiatives and faculty.

Special congratulations goes to the three winners of our random drawing for MCW apparel. Their participation in the survey qualified them for the prize drawing:

- Karen Kolba, MD ’77, a rheumatologist in Santa Maria, Calif., received the Columbia fleece
- Matthew Deluhery, MD, GME ’11, an emergency medicine physician in the Milwaukee area, received the polo shirt
- Faith Blum, a current MCW graduate student in microbiology and molecular genetics, received the hooded sweatshirt.

GETTING OUT ALIVE

By Theresa Maatman, MD ’11

You will have to pass objective standardized clinical exams

There will be actors who pretend to be patients

Aww, and we can pretend to be doctors

I love doctors

By Theresa Maatman, MD ’11
ALUMNI NOTES

ALUMNI NEWS wants news of your accomplishments and activities. Send updates to: Medical College of Wisconsin Office of Alumni Relations 8701 Watertown Plank Road Milwaukee, WI 53226, fax at (414) 955-6699 or email alumni@mcw.edu

1960s

John Thomas, MD ’68, GME ’73, was awarded the Milwaukee Academy of Medicine’s Humanitarian Award at its 128th meeting on Jan. 21. Dr. Thomas, Associate Adjunct Professor of Pediatrics (Cardiology) at the Medical College of Wisconsin, was honored for his volunteer work with the Milwaukee homeless shelter, Repairers of the Breach.

1970s

Philip D. Szold, MD ’72, GME ’75, has retired after 36 years of pediatric private practice. Dr. Szold lives in La Mesa, Calif. with his wife, Cindy. He has four children and four grandchildren.

Carlyle Chan, MD ’75, was elected 2014 chair of the Accreditation Council for Continuing Medical Education. Dr. Chan is Professor of Psychiatry and Behavioral Medicine as well as Bioethics and Medical Humanities in the Institute for Health and Society at the Medical College of Wisconsin. Dr. Chan has directed his department’s CME programs for the past 27 years and chaired the Medical School’s CME Committee for more than a decade.

Stephen Hargarten, MD ’75, MPH, was invited to discuss firearm safety at a special meeting of the United Nations Office for Disarmament Affairs. Discussions centered on new technology related to the marking, record-keeping and tracing of personal weapons. In 1997, Dr. Hargarten established the nation’s first Firearm Injury Center at the Medical College of Wisconsin. He was instrumental in establishing MCW’s federally designated Injury Research Center in 2001. He is Professor and Chairman of Emergency Medicine and Associate Dean of Global Health in MCW’s Institute for Health and Society.

Irwin I. Rosenfeld, MD ’76, was installed as a Distinguished Life Fellow of the American Psychiatric Association last year. Dr. Rosenfeld founded the Orange County Transcranial Magnetic Stimulation Therapy Center in Laguna Hills, Calif., in 1980. He also reached life master status in the American contract Bridge League in 2013.

1980s

Edmund H. Duthie, MD, GME ’80, was honored with the 2013 Practitioner of the Year Award by the Southeastern Wisconsin Chapter of the Alzheimer’s Association. He received the award for his leadership as a clinician, educator, collaborator and resource to families dealing with Alzheimer’s disease and related dementias. Dr. Duthie is Professor of Medicine and Chief of Geriatrics and Gerontology at the Medical College of Wisconsin. He also serves as section leader, geriatric medicine, at the Clement Zablocki VA Medical Center in Milwaukee.

Janis Orlowski, MD ’82, recently joined the Association of American Medical Colleges as a senior director in health care affairs. She will serve as a senior clinical leader in the Clinical Transformation Unit and will lead the Chief Medical Officers Group, the Integrating Quality Initiative and support development of a Cost of Care program. Dr. Orlowski is chief operating officer and chief medical officer at Washington Hospital Center, the largest trauma center in Washington, D.C.

Steven Weinshel, MD ’83, GME ’89, graduated from Marquette Law School in Milwaukee in May 2013 and moved to Bradenton, Fla., in August. Dr. Weinshel returns to Wisconsin each month to work part time as a trauma neurosurgeon at ThedaClark Medical Center in Neenah and practices law as a special prosecutor in the Brown County District Attorney’s Office.

Jeff M. Michalski, MD ’86, was elected secretary/treasurer of the American Society for Radiation Oncology (ASTRO) board of directors. Dr. Michalski is the Carlos Perez Distinguished Professor and Vice Chairman of the Department of Radiation Oncology at Washington University School of Medicine in St. Louis, Mo.

Veronica Bonales, MD ’03, an emergency medicine physician at Redwood Memorial Hospital in Fortuna, Calif., had been working alongside her colleague for several weeks before she learned he was also an alumnus. She and William Lattos, Jr., MD ’69, also an emergency medicine physician, have enjoyed sharing stories of their time in Wisconsin and as part of the Marquette Medical School/Medical College of Wisconsin heritage.

He is also the medical director of Siteman Cancer Center’s Clinical Trials Core.

Erik Stene, MD, GME ’86, is practicing as a full-time pediatric anesthesiologist at Children’s Hospitals and Clinics of Minnesota and Gillette Children’s Specialty Healthcare. Dr. Stene stepped down after 16 years as Medical Director of Anesthesia for Children’s Hospitals and Clinics of Minnesota.

Christopher J. Coffey, MD ’88, was awarded the 2013 Physician of Excellence Award by North Shore Medical Center (NSMC) in Boston, Mass. Dr. Coffey serves as medical director for minimally-invasive gynecological surgery and practices at North Shore Physicians Group. He became a designated surgeon with the Center of Excellence in Minimally Invasive Gynecology, Surgical Review Corporation earlier that year.

Paul Boeder, MD ’89, is Chair-elect of the Department of Obstetrics and Gynecology at Auburn Medical Center in South Puget Sound, Wash.
1990s

Steven A. Harvey, MD, GME ’90, is serving on the board of the Center for Communication, Hearing & Deafness in the greater Milwaukee area. Dr. Harvey is Associate Professor of Otolaryngology and Communication Sciences at the Medical College of Wisconsin.

Joseph Kerschner, MD ’90, Fel ’98, was named founding secretary of the International Society for Otitis Media, established in 2013 to advance the frontiers of research, education and patient care as they relate to otitis media, or ear infections. Dr. Kerschner is the Medical College of Wisconsin’s Dean of the Medical School and Executive Vice President as well as Professor of Otolaryngology and Communication Sciences. A review by the World Health Organization identified more than 700 million annual episodes of acute otitis media and 21,000 deaths from complications.

Karl A. Poterack, MD, GME ’90, Fel ’91, passed the first board certification examination in clinical informatics administered by the American Board of Preventive Medicine in October 2013. Dr. Poterack is Assistant Professor in the anesthesiology department at Mayo Clinic Arizona in Phoenix, where he has practiced since 1997.

John Markley, MD ’92, GME ’99, recently was appointed Chief of Cardiothoracic Surgery at the Harry S. Truman Memorial Veterans Hospital in Columbia, Mo. In 2012, Dr. Markley completed 10 years of active duty military service with the U.S. Army.

David Margolis, MD, Fel ’93, is serving on the board of the Harry and Rose Samson Family Jewish Community Center in the greater Milwaukee area. Dr. Margolis is Professor of Pediatric Hematology-Oncology at the Medical College of Wisconsin and Program Director of Bone Marrow Transplant at Children’s Hospital of Wisconsin.

Mona Li, MD ’96, GME ’03, and Joseph Hart, MD, GME ’03, joined Vascular Care of Maine at Eastern Maine Medical Center in Bangor.

Joseph Hart, MD, GME ’03, and Mona Li, MD ’96, GME ’03, joined Vascular Care of Maine at Eastern Maine Medical Center in Bangor.

2000s

Joseph Carroll, PhD ’02, was named the Richard O. Schultz, MD/Ruth Works Professor of Ophthalmology at the Medical College of Wisconsin. Dr. Carroll is Associate Professor of Ophthalmology, of Biophysics, and of Cell Biology, Neurobiology and Anatomy. He is also the co-director of the Advanced Ocular Imaging Program at MCW. Dr. Carroll is a pioneer in the use of adaptive optics to study the eye at the cellular level. He currently serves on the Medical College of Wisconsin/Marquette Medical Alumni Association Board.

Joseph Hart, MD, GME ’03, and Mona Li, MD ’96, GME ’03, joined Vascular Care of Maine at Eastern Maine Medical Center in Bangor.


Veronica Bigornia, MD ’07, is serving in the U.S. Navy as a staff family physician. Dr. Bigornia provides primary and obstetric care to members of the Navy and Marines and their families.

Claude Nguyen, MD ’07, was named Assistant Professor of Neurology at the University of Pennsylvania. Dr. Nguyen also serves as Stroke Director at Penn Presbyterian Medical Center in Philadelphia. In June, he completed a two-year research fellowship in vascular neurology at the University of Texas at

Michael Clark, MD ’06, was appointed to the Board of Directors of Special Olympics Wisconsin in December. Dr. Clark has served as the organization’s medical director for the past nine years, coordinating medical coverage at all five state games held throughout the year. He also serves as the MedFest Clinical Director, a Healthy Athletes® discipline he helped launch in Wisconsin to ensure athletes have access to a free physical exam once a year. Dr. Clark is an emergency medicine physician at Ministry Saint Clare’s Hospital in Weston, Wis.
Sachin Pawar, MD '07, GME '12, has been appointed Assistant Professor in the Department of Otolaryngology and Communication Sciences’ Division of Facial Plastic and Reconstructive Surgery at the Medical College of Wisconsin. Dr. Pawar previously completed a fellowship in facial plastic and reconstructive surgery at Oregon Health & Science University in Portland.

Jason Liu, MD, MPH '09, is among the nation’s first board-certified emergency medical services (EMS) physicians. Dr. Liu is Associate Professor of Emergency Medicine at the Medical College of Wisconsin and Associate Director of Medical Services for Milwaukee County EMS. The American Board of Emergency Medicine recently recognized EMS as a formal subspecialty of emergency medicine and administered its first certifying exam in September.

Blake Buchanan, PhD, Fel '11, was certified as a diplomate of the American Board of Medical Microbiology, the highest credential that a doctoral-level clinical microbiologist can earn. Dr. Buchanan is Assistant Professor of Pathology at the Medical College of Wisconsin, Associate Director of Clinical Microbiology and the Director of Safety for Dynacare Laboratory.

Ashley Rietz, MD '11, received a 2013 Robert C. Cefalo House Officer Award from the University of North Carolina School of Medicine. Dr. Rietz was selected by residents and faculty to be a fourth-year chief resident in the Department of Family Medicine. Recipients of Robert C. Cefalo awards must demonstrate a sincere empathy for patients and their families, effective communication and the highest standards of patient care.

Rodney Sparapani, PhD '11, was appointed Assistant Professor of Biostatistics in the Medical College of Wisconsin’s Institute for Health and Society. Dr. Sparapani previously served as manager of statistical and computational operations in the Medical College’s Center for Patient Care and Outcomes Research.

Laura Tisch, Class of 2014, received the 2013 Walter Zeit Fellowship Leadership Award for her superior qualities of leadership, loyalty, selfless service, initiative and compassion. It is the highest student honor bestowed by the Walter Zeit Fellowship, the Medical College of Wisconsin’s premier donor recognition society.

Tisch was born in Clarendon Hills, Ill., and earned her undergraduate degree from Boston University. She volunteered at the Saturday Clinic for the Uninsured during her first two years at MCW. She has served on the MCW student assembly for four years, including as vice president. She was elected to Alpha Omega Alpha and recently elected to a three-year student directorship on the AOA national board of directors.

Tisch has declared a specialty interest in dermatology.

The Walter Zeit Fellowship was founded in 1980 by the late Derward Lepley, Jr., MD '49.

Century-old medical school class photo found by MCW staff member

Mary L. Holtz, PhD, Program Manager in Pediatrics/Gastroenterology at the Medical College of Wisconsin, recently discovered a framed photo depicting the Milwaukee Medical College’s 1901 graduating class at a local antique mall.

Upon learning that the MCW Library’s archival collection was lacking the 1901 class picture, Dr. Holtz donated the photo for addition to the archive.

MCW began as the Wisconsin College of Physicians and Surgeons, founded on May 20, 1893. On Jan. 14, 1913, the Wisconsin College of Physicians and Surgeons and the Milwaukee Medical College merged to become the Marquette University School of Medicine. In 1967, the school became a private, freestanding institution. The name was changed in 1970 to the Medical College of Wisconsin.
Sanbo S. Sakaguchi, MD ’43, of Los Angeles, Calif., died May 24, 2013. He was 95 years old. Dr. Sakaguchi served as a captain in the U.S. Army Medical Corps during the Korean War. He later opened his own medical practice, where he saw patients until his retirement the age of 89. He was preceded in death by his wife, Kazuko.

John Brennan, MD ’46 (March), of Wauwatosa, Wis., died Jan. 12, 2014. He was 91 years old. Dr. was an obstetrician/gynecologist for more than 50 years and delivered thousands of babies, primarily at St. Joseph’s Hospital in Milwaukee. He saw patients until he was 86 years old. Dr. Brennan served as chairman of the family life committee and regional director of the National Federation of Catholic Physicians Guilds. He was named Irishman of the Year in 1967. Survivors include his wife, Joan; 11 children; 33 grandchildren; and one great-grandchild.

Lawrence W. Smith, MD ’46 (November), of Racine, Wis., died Dec. 17, 2013. He was 90 years old. Dr. Smith served as a U.S. Navy seaman during World War II before attending medical school. He returned to the service as a lieutenant commander during the Korean War, then remained in the Reserves until 1984. After moving home to Racine, Dr. Smith was a private practice general surgeon and corporate medical director at S.C. Johnson and Son. He spent winters in Fort Lauderdale, Fla., following his retirement in 1986. Dr. Smith was preceded in death by his wife, Mary. He is survived by eight children and several grandchildren.

Paul R. “Dick” Glunz, MD ’57, of Franklin, Wis., died Nov. 13, 2013. He was 84 years old. Dr. Glunz served as a medic in the U.S. Navy before attending medical school. He was Chief of Liver Pathology at the Armed Forces Institute of Pathology at Walter Reed Institute in Bethesda, Md. for three years, then became a founding partner in Consultants Physicians in Pathology in Beaver Dam, Wis. After retiring in 1991, Dr. Glunz served as Interim Director of Continuing Medical Education at the University of Wisconsin. He was a piano player and dog lover. He is survived by his wife, Chihaya; four children; one stepson; 11 grandchildren and one great-grandchild.

John S. English, MD ’58, of Newport Coast, Calif., died Oct. 15, 2012. He was 80 years old. An otolaryngologist, Dr. English is survived by his wife, Barbara; three children; and three grandchildren.

James P. Derbin, MD ’59, of San Francisco, Calif., died July 17, 2013. He was 78 years old. Dr. Derbin served two years as a captain in the U.S. Air Force in Crete. He later accepted a psychiatric fellowship at Johns Hopkins University, then returned to the San Francisco area to open a private psychiatry practice. He also served as clinical director in community mental health for the City of San Francisco. Dr. Derbin is survived by his wife, Judy, two children and two granddaughters.

Robert J. Toohill, MD ’60, of Elm Grove, Wis., died Dec. 29, 2013, after a battle with pancreatic cancer. He was 78 years old. Dr. Toohill served as a lieutenant commander at the Chelsea Naval Hospital outside Boston, Mass., where he participated in the first-ever artificial voice box transplant. Following military service he returned to Milwaukee with his family and opened a private practice. He also joined the faculty of the Medical College of Wisconsin, first as a clinical instructor, then as full-time faculty in 1978. In 1986, he became the second-ever Chief of the Medical College’s Otolaryngology Division. Dr. Toohill grew the faculty,
IN MEMORIAM

JAMA senior editor of five decades dies

Marie Therese Southgate, MD '60, of Chicago, died Nov. 22, 2013. She was 85 years old. Dr. Southgate was the first woman to serve as senior editor at JAMA: The Journal of the American Medical Association, a position she held for nearly 50 years.

One of her responsibilities was to select all of the works of fine art on the journal’s cover and write accompanying essays about them. Dr. Southgate published three successive collections of her essays and images (The Art of JAMA) to critical acclaim.

In 2008, the American College of Physicians honored her with the Nicholas E. Davies Memorial Scholar Award for Scholar Activities in the Humanities and History of Medicine. She was chosen by the U.S. National Library of Medicine staff and residency program, allowing Otolaryngology and Communications Sciences to attain full departmental status at MCW in 1998. Dr. Toohill spent 25 years studying the diagnosis and treatment of gastroesophageal reflux, and was one of the first to discover that reflux of stomach acid in the esophagus can lead to vocal and sinus problems. A highly sought-after speaker and presenter, Dr. Toohill continued to conduct research and mentor students and faculty members after retiring in 2000. He was an avid golfer and fan of the Milwaukee Bucks, Milwaukee Brewers and Chicago Bears. He is survived by his wife, Kathryn, five children and nine grandchildren.

Joseph Himes, MD, GME ‘64, of Bayside, Wis., died Dec. 28, 2013. He was 94 years old. An anesthesiologist, Dr. Himes was preceded in death by his first wife, Sally. Survivors include his second wife, Barbara; three children; three stepchildren; and five grandchildren.

William J. Schneble, MD ‘64, GME ‘70, of Bellevue, Wash., died July 12, 2013. He was 74 years old. Dr. Schneble achieved the rank of captain in the U.S. Army and served as a physician in the Vietnam War. He practiced internal medicine for 43 years in Bellevue. He is survived by his wife, Nancy, five children and six grandchildren.

William W. Sheehan, MD ‘64, of La Jolla, Calif, died Nov. 10, 2013, from lung cancer. He was 74 years old. Dr. Sheehan carried out research in the immunopathology of infectious diseases while a major in the U.S. Army Medical Corps. He later served as Professor of Clinical Pathology at the University of Texas/Southwestern Medical School in Dallas, Texas. In 1981, he joined the pathology group at St. John Medical Center in Tulsa, Okla., where he practiced until his retirement in 2007. An expert in the diagnosis and classification of malignant lymphomas, Dr. Sheehan was in widespread demand as a speaker at state pathology society meetings, the American Medical Association, the American Society of Hematology and the American Society of Clinical Pathologists. In retirement, he played golf as a Local Legend. During her retirement, Dr. Southgate polished her memoirs and finished a murder mystery set in a medieval English town.

and was a reading tutor for children and adults. Survivors include his wife, Carol, four children and three grandchildren.

Howard J. Palay, MD ‘65, GME ‘68, Fel ‘70, of Green Bay, Wis., died Oct. 11, 2013. He was 74 years old. Dr. Palay served at the Great Lakes Naval Base Medical Center. He later opened Green Bay’s first cardiology practice, Cardiology Associates, which is now the largest group of cardiovascular specialists in the region. Dr. Palay also served as the head of the Wisconsin Chapter of the American Heart Association and established the EMS program in Northeastern Wisconsin. Dr. Palay was an honoree of the Jewish National Fund and a docent at the Holocaust Museum in Naples, Fla., where he retired in 1999. He is survived by his wife, Judith, seven children and 15 grandchildren.

Thomas J. Doyle, MD ‘67, GME ‘74, of Eau Claire, Wis. and Bonita Springs, Fla., died suddenly on Dec. 26, 2013. He was 72 years old. Dr. Doyle served as a general medical officer at Lowry Air Force Base in Denver, Colo., before completing urology training in 1974. He later founded Western Wisconsin Urology where he treated patients for 33 years. Dr. Doyle was an avid environmentalist, marathoner, bird lover, kayaker, golfer, traveler and skier. He is survived by his wife, Margie, four children and seven grandchildren.

Lilli Kalis, MD ‘71, of San Francisco, Calif., died Oct. 25, 2013. She was 68 years old. Dr. Kalis practiced emergency medicine and urgent care. She loved the arts and was a long-time supporter of the San Francisco Opera.

Other special remembrances

Fred J. Vlazney, MD, of Huntley, Ill., died Oct. 5, 2013. He was 94 years old. Dr. Vlazney served as a physician in the Army Air Corps during World War II before settling in the Milwaukee area. He practiced for more than 30 years at Children’s Hospital of Wisconsin, retiring as Chief of Anesthesiology. He was an avid Chicago White Sox fan and loved to travel. Dr. Vlazney was preceded in death by his wife, Cecile. He is survived by four children, 12 grandchildren and 11 great-grandchildren.
MCW’s 2013 Annual Report and Honor Roll available to alumni

The Medical College of Wisconsin’s 2013 Annual Report and Honor Roll is now available on the MCW website or in print upon request. The report explores Our Living Legacy: Healthier Communities in recognition of MCW’s 120th anniversary in 2013. The Annual Report honors this milestone by highlighting stories that connect the school’s past and future while carrying forward its legacy of fostering healthier communities in Wisconsin and beyond. Also included is MCW’s Financial Report for fiscal year 2012-2013, 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 2, 2014

Symposium for Senior Physicians
May 21, 2014

UPDATE YOUR EMAIL ADDRESS

Ensure you receive the latest news and information from the Alumni Association

Are you currently receiving ALUMNI NEWS and other alumni correspondence by email? If not, please consider updating your email address with the Alumni Association.

Perhaps you have recently moved, switched internet service providers or changed jobs. Don’t let these life events prevent you from staying in touch with your classmates and the Medical College of Wisconsin.

Verify your email address by writing us at alumni@mcw.edu or scan the code above to use our web form. If you have multiple email addresses, indicate which you’d prefer to use for alumni correspondence. We look forward to keeping in touch with you.

2014 ALUMNI WEEKEND

May 2-3, 2014

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 Awards, Distinguished Service Awards 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 1964
50-YEAR REUNION

May 16-17, 2014

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

For more information about alumni events, contact us by:
Phone: (414) 955-4781; Email: alumni@mcw.edu; Internet: www.mcw.edu/alumni
Come one, come all

Alumni Weekend
May 2-3, 2014
Milwaukee, Wis.
See page 23 for more information