Since the days of Hippocrates, patient care, discovery, and medical education have advanced—sometimes quite dramatically. Being at the forefront of innovation and progress in all three of these areas is the goal of Wright State’s Boonshoft School of Medicine.

One of the emerging trends in patient care is the hospitalist, and many of our alumni are entering this new field in the region’s hospitals and beyond. Their personal story is our feature article in this issue.

Genetics and nanotechnology are among the emerging trends in biomedical research. Both of these new tools are at work in an exciting collaborative project focused on nerve deafness.

This year, our students and faculty gathered to applaud the completion of Phase I in our medical facilities renovation at a well attended open house. Phase II has begun with a target date of summer of 2008, when our state-of-the-art medical student center will open.

Also this year, we have formalized international experiences with expert assistance from both students and faculty. The new International Health Program will streamline the process for undertaking these valuable service learning activities and help defray travel costs.

While these are only a sampling, they reflect the visionary efforts of dedicated faculty, staff, and students.

Sincerely,

Howard M. Part, M.D.
Dean

About the Front Cover:

One of our graduates, Joseph See, M.D., is among the trendsetters in hospitalist medicine, a national phenomenon where a specialty is organized around the site of care rather than the disease.
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Enter the Hospitalist

Some of us remember the days when doctors made house calls. Today, primary care doctors are less likely to care for their ill patients in the hospital. Those hospitalized patients are fewer in number and require treatments that are more complex than ever before.

“Primary care doctors found they were more efficient if they stayed in their offices,” he explains. “Another driver was that hospitals realized that in order to provide consistent care that would meet the outcomes demanded by the government and payers they needed a physician who was focused on inpatient care.”

The role of a hospitalist, according to the *New England Journal of Medicine (NEJM)*, is the direct management of inpatients. The physicians, of whom nearly 80 percent have been trained in general internal medicine and its subspecialties, perform tasks once handled by the patient’s primary care physician. They oversee many aspects of a patient’s hospital care including process management, communication among physicians involved in the patient’s care, discharge planning, and direct interactions with the patient’s family.

The *NEJM* estimates that the number of hospitalists eight years ago was less than 1,000. In 2004, there were nearly 13,000 full-time hospitalists, and the projection from the Society of Hospital Medicine is for 30,000 by the end of the decade.

“The biggest edge we have,” says Khurram Kamran, M.D., medical director of Good Samaritan’s hospitalist program, “is our availability. We can see the patient in a short period of time. We can care for most of their problems, including their subspecialties, and get consultations if needed.”

Good Samaritan currently has six hospitalists on staff, and the hospital plans to double this number by the fall. Physicians there work 12-hour shifts for seven days and then are off for seven.

Joseph See, M.D. (‘02), is part of the hospitalist group at Miami Valley Hospital.
Miami Valley Hospital has 11 hospitalists on staff, providing care 24/7. Bill Erwin, M.D. (’93), a family medicine physician, heads the hospitalist group for Miami Valley.

One of these hospitalists is Joseph R. H. See, M.D. (’02), a graduate of Wright State’s Internal Medicine Residency Program. He believes that the constantly evolving role of a hospitalist is challenging yet rewarding. “We can manage critically ill patients and form intense and important relationships with patients and their families over the course of a hospital stay, and we enjoy synergistic relationships with our subspecialty colleagues and hospital staff,” he says. “If you’ve seen one hospitalist program, you’ve seen just one,” adds Dr. Schoulties. Like emergency medicine was two decades ago, the field of hospital medicine is in its infancy—growing and evolving. The roles of hospitalists are in flux, and in some settings physicians still devote only a portion of their schedule to hospital medicine. In others hospitalists fulfill full-time roles. Teaching hospitals and those with more than 200 beds are more likely to have hospital medicine programs, but small, rural hospitals are quickly moving to the new model of care. Schedules vary from institution to institution. Some have four day on and four day off shifts; others have seven day on and seven off shifts. At Greene Memorial Hospital, hospitalists work 12-hour shifts for 14 days and then are off for seven days.

“We can manage critically ill patients and form intense and important relationships with patients and their families over the course of a hospital stay.”
Michele Torres-Winburn, M.D. (‘03), assistant professor in family medicine, is one of three full-time hospitalists at Greene Memorial. She says that one benefit for patients is a hospitalist’s flexibility. “For example, I may have a patient who may take more time than another, but I am not running behind schedule like I would if I had office hours and the visits were every 15 minutes.”

As a physician trained in family medicine, Dr. Torres-Winburn represents a minority in terms of training. Less than 5 percent of hospitalists come from family practice. Mark Clasen, M.D., Ph.D., professor and chair of family medicine, worked with Greene Memorial to establish the new program. He understands that the variation in philosophies of the specialties impact this career choice. “Internists like the inpatient setting,” he says. “As family practitioners, we like the outpatient setting with a focus on disease prevention.”

It was during her second year of residency that Dr. Torres-Winburn decided to focus on inpatient care. “I initially preferred outpatient medicine, but as I worked more and more in the inpatient setting, I found that I enjoyed it much more,” she says. “What I remember most about that year of residency were two patients I cared for at the end of life. Those two cases impacted me because I could always imagine myself in their situation and how I would feel. I try to give compassionate, humanistic care while providing medical care.”

Dr. Torres-Winburn enjoys the work and also appreciates the flexibility of her schedule, which gives her more time to spend with her husband and two children. Although no specific training is required to become a hospitalist, there are a growing number of fellowships in hospital medicine in family practice, internal medicine, and pediatrics.

Because the field is relatively new, there is a learning curve for physicians, hospital staff, patients, and their families. “In some places, there are still politically sensitive issues surrounding hospitalists,” says Dr. Schoulties. “In others they

“I try to give compassionate, humanistic care while providing medical care.”
Michele Torres, M.D. (’03), consults with Sanjay Saha, M.B.B.S., clinical assistant professor and surgical oncologist at Greene Memorial Hospital.

are fully accepting and wonder how they worked without them.”

Whether the hospitalist is an independent contractor or a hospital employee, one of the biggest challenges for them is the flow of communication. “It’s the communication between the primary care physician and hospitalists. No one has the magic bullet how to do it,” explains Dr. Clasen. Hospital administrators are alert to technological advances to improve the dissemination of information, but as Dr. Clasen points out, not every detail that a physician has on a patient is placed in a chart. Less concrete data resides in the head of the physician.

While patients might prefer to have their personal physician in attendance, it’s a matter of efficiency – both economically and realistically – that has led to the need for hospitalists. There’s a limit imposed by the Accreditation Council for Graduate Medical Education to how many hours resident and intern physicians can work and be on call. The hospitalist provides some of the care formerly done by these physicians, relief for the busy primary care physician, and continuity of care in the hospital for the patient.

“Community physicians can spend more time in the office allowing them to see more patients. They can focus on outpatient without having to keep up with inpatient medicine,” Dr. Torres-Winburn said. “The hospital benefits because a doctor who is in the hospital typically can discharge patients more quickly.”

Because the hospital census today consists of more patients who are very sick, Dr. Clasen notes that hospitalists may find the work load demanding. And, because medical school curriculum doesn’t yet provide specialty training in hospital medicine, Dr. See suggests that the best way for anyone considering a career as a hospitalist is to do an inpatient rotation.

“It is a constantly evolving field with tremendous opportunity for growth. The hospitalist role has a bright future ahead of it, and we need physicians who can hit the ground running,” says Dr. See.

—Pamela Ferris-Olson

“It is a constantly evolving field with tremendous opportunity for growth.”
Genetics and Nanotechnology Tackle Nerve Deafness

According to Robert A. Goldenberg, M.D., chief of the Division of Otolaryngology within the Department of Surgery, the current frontier for research in otology—diseases of the ear—is the treatment of nerve deafness, a condition affecting over 25 million Americans.

The overwhelming majority of nerve deafness is due to normal aging and/or exposure to loud noise; other causes include congenital or hereditary problems, head injuries, tumors, and reaction to medicines. With today’s longer life spans, an increasing number of individuals can be expected to suffer hearing loss from a combination of these factors.

The term nerve deafness refers to damage to the auditory nerve or more commonly to the tiny hair cells located in the organ of Corti within the cochlea. Hair cells convert sound waves into electrical signals, sending them to the auditory nerve and then on to the temporal lobe of the brain. There are more than 25,000 hair cells in the inner ear; when they are damaged or destroyed, nerve deafness occurs in direct proportion. At the present time, nerve deafness can only be treated with hearing aids or, in selected cases of profound deafness, a cochlear implant.

The research and development of hearing devices has been an integral part of Dr. Goldenberg’s life’s work, fostering his passion for innovation. He was one of a group of fellows trained at the House Ear Institute in Los Angeles who collectively worked to advance cochlear implant technology from its earliest trials in the 1970s to the FDA-approved inner ear prostheses used today by more than 60,000 persons worldwide. Dr. Goldenberg performed the first cochlear implant in Dayton in 1982. In the 1990s, he invented a prosthetic device for the middle ear: the Goldenberg Middle Ear Implant System, used for surgical restoration of hearing from a conductive (not nerve) deafness. But he admits to being frustrated at those times when he needed to tell a patient or parent that there were no further treatment options.

Over the past decade, new developments in the fields of genetics and nanoscience have established the possibility of regenerating or restoring damaged or absent hair cells. While much research in this area is based upon embryonic or stem cell genetics, there is other research that uses existing cells or artificial biomaterials to restore auditory function. Restoration of hair cells through these methods would enable normal auditory function without the use of a hearing device.

As one of the founding chairmen of the Boonshoft School of Medicine, recruited in 1978 to lead the department of otolaryngology, Dr. Goldenberg has given careful consideration to ways that he could benefit both patients and the medical school where, he says, “I’ve enjoyed so much support over the years that I want to give something back.” Through several generous private donations totaling almost $1.5 million, he has embarked...
upon a five-year project that will place the medical school as a pioneer in hearing loss research.

Dr. Goldenberg has mapped out two pilot projects. The first, presently underway, is a laboratory study using micro RNA, a component of the genetic pathway, to create a new functional cell from a different but healthy cell of the cochlea. This collaborative work, headed by Panagiotis Tsonis, Ph.D., from the University of Dayton, shows promise for human application in the future.

The second project, currently in its preliminary phase, will use the tools and principles of nanotechnology to explore the possibility of creating new structures, such as an artificial hair cell or organ of hearing. Researchers from various disciplines will be recruited to explore the best approaches to regeneration, restoration, and synthesis of hair cells and inner ear structures. As the most promising areas of the research emerge, they hope that the project will attract interest at federal and state levels.

The school’s new Comprehensive Neuroscience Center, created to spur interdisciplinary research in the areas of neurological, developmental, cognitive, psychiatric, and trauma-induced nervous system disorders, will be a valuable resource for Dr. Goldenberg’s inner ear research. He is already working with Robert E. W. Fyffe, Ph.D., associate dean for research affairs, and has explored several areas of investigation with Timothy C. Cope, Ph.D., chair of the Department of Neuroscience, Cell Biology and Physiology, to identify and develop collaborative opportunities.

While seeking new remedies for nerve deafness, Dr. Goldenberg has several long-term goals that he hopes will benefit the medical school. He plans to bring his research to fruition in the form of new treatments and patented products that could produce an ongoing source of revenue for Wright State University. And he hopes to establish a center for excellence in otology research as his legacy to the school of medicine—a place where genetics, nanotechnology and clinical expertise come together to create the next breakthrough in hearing restoration. “There’s always a new frontier,” he says with a grin. “That’s how medicine progresses.”

—Sue Rytel
A new facade has appeared in the front row of campus buildings facing Colonel Glenn Highway. Phase 1 of the new Medical Education Center for the Boonshoft School of Medicine officially opened in January. It is a striking architectural focal point for campus and provides state-of-the-art facilities for medical education.

**Phase 1** is the addition of 18,000-square-feet to the front of White Hall, formerly called the Frederick A. White Health Center for Ambulatory Care. The addition houses a 150-seat lecture hall, anatomy and pathology laboratories, faculty offices, classroom space, and the building’s new “front door.”

The 3,422-square-foot lecture hall incorporates a three-screen video projection system and the capability to stream video live across the Internet. The tiers can be adapted to the small group needs of team-based learning, and the auditorium will be available for community outreach programs and scientific lectures.

The anatomy learning and surgical training center incorporates wireless connections, modern ventilation, and surgical lighting. The flexible space can accommodate as many as 17 dissection tables or as few as eight tables, with one half of the space converting to two classrooms that seat 24 each.

The new 150-seat lecture hall is named after Drs. Saroj and Ramesh K. Gandhi’s family.

A new laboratory for the medical school’s graduate programs is named after Marion and Herbert Morris.

Supporters of the new facility shortly after a ribbon cutting ceremony in January: (L-R) Ramesh Gandhi, M.D.; William Bernie, M.D.; Oscar Boonshoft; Howard Part, M.D., Dean; and Kim Goldenberg, M.D., Wright State’s president.
Phase 2 has begun and will completely renovate the existing 59,000-square-foot White Hall, with scheduled completion date for the summer of 2008. After renovation, the new medical education center will provide state-of-the-art classrooms, a second auditorium, technology, and laboratories, and house offices for medical education, technology support, student support, and student admissions. The facility will offer “24/7” individual and group study areas for medical students and include high-tech medical informatics laboratories for computer-based testing and learning.

Medical education curriculum is dynamic as technology and our understanding of disease and health advance. These facilities are needed to foster teaching, learning, research, and scholarship for the 21st Century.
A n expanded definition of health care; fresh perspectives on providing patient care; broadened perceptions of what it means to be a physician—these are just some of the changes medical students and physicians experience as they travel abroad.

Students of the Boonshoft School of Medicine may enter a formalized curriculum, the International Health Program. The program has been widely popular, with more than half of the Year I class signed up for the first program elective.

“Global medicine fits in well with our vision,” says Paul Carlson, Ph.D., associate dean for Student Affairs and Admissions. “Students return with a broader perspective on medical practice and a greater appreciation for the challenges facing health care providers in other parts of the world.”

In great part, the program is the result of continued efforts by the Global Health Initiative (GHI) student club. In 2000, Year I medical students founded GHI to facilitate student exposure to international medical issues. “There’s always been a philosophy at Wright State about reaching out to the marginalized,” explains Sara Doorley, M.D. (’05), co-founder of GHI.

The program exposes students to international health issues throughout their four years of medical education and provides the students with a formalized process as they face the daunting task of traveling internationally. “It’s nice to be able to walk into an established program rather than recreate the wheel each year,” explains Year III student Matt Pellerite, who helped create the program.

During their first year of medical school, participating students must complete a nine-week elective called Global Health Longitudinal Elective I which introduces basic concepts such as maternal/child health, water and sanitation, malnutrition, and the HIV/AIDS pandemic.

This course provides a framework for the Summer Travel Elective which must be completed between the first and second years with an underserved population, either domestically or abroad. These trips, which must meet elective criteria, introduce students to the challenges facing developing countries. “We can easily forget that there’s a whole other world out there,” explains Laura Hamilton, Year II student and current president of GHI, who completed her elective last summer with a Peace Corps Clinic in the Dominican Republic. “That little glimpse into other cultures can really spark something,” she adds.
During Year II, students complete a monthly discussion-based seminar, where students are assigned both an underdeveloped and a developed country. They explore topics in the context of their assigned countries, such as natural disasters, health economics, terrorism, and chronic disease management. “The discussion-based format really allows people to have ownership of the experience,” explains Matt. “What makes it unique is that it builds on the foundation of the first year elective and takes it a step further. It helps students think about what their role can be in international health.”

In Year IV, participating medical students apply for a month-long, approved elective rotation with an underserved population, again either domestically or abroad. “On their return,” explains Kate Cauley, Ph.D., director of the Center for Healthy Communities, the International Health Elective Program, and the Area Health Education Center, “students have a much broader understanding of health and disease. It’s quite an awakening experience for students, who see firsthand the cultural, economic, and social issues that impact health.”

The school intends to expand the program in key areas. “In the future, the curriculum committee is looking for opportunities to include global health in the regular curriculum,” says Dr. Carlson. The school will also work to develop relationships with specific locations that host students and faculty year after year. “What we will work toward,” explains Dr. Cauley, “is once a program is clearly developed at a particular site, participating faculty will submit an elective proposal.” This will allow the school to provide standardized electives each year and to develop more formal partnerships. This concept will be piloted with Roger Pacholka, M.D. (’85), who has mentored numerous students throughout the years, and the Raleigh Fitkin Memorial Hospital in Swaziland.

New possibilities are also on the horizon for the Global Health Initiative club. “My goal for this year is to expand our trip database,” says Laura Hamilton. “It’s a very daunting task for students to find a trip that is practical, safe, and affordable.” The group will also work with the medical school’s Alumni Association to develop travel partnerships between students and alumni.

In addition, GHI has taken responsibility for planning an annual symposium to promote awareness of global health issues and raises funds to offset the cost of student travel. This year’s symposium hosted more than 100 physicians, students, and community members. One of this year’s featured speakers was GHI co-founder Dr. Doorley, currently in a Social Medicine Residency Program at Montefiore Hospital in the Bronx.

“I think Wright State is with the top universities on global health,” she says. “The International Health Program is going to bring a greater depth to the curriculum and help produce physicians who can really practice medicine in today’s world.”

—Robert Boley
“W hat do we do?” sounds like an innocuous enough question, but to Lori Vavul-Roediger, M.D. (*96), medical director for child advocacy at Dayton Children’s Medical Center, it is a signal, a call for help, and a chance to make a lifetime’s difference to a child. Sometimes the signal comes from a parent or caregiver, sometimes from law enforcement personnel, investigating parties, or other pediatricians.

A voracious love of learning and reading led Dr. Vavul-Roediger to know at the young age of 10 that she wanted to become a pediatrician, a decision which became a lifelong motivating force. As a third-year medical student, her attention began to focus on child abuse. “I realized that I could do more than help kids get rid of otitis media,” she says. “I wanted a different challenge. I saw in this niche an opportunity to spend my life medically evaluating children for specific issues that often have a root and basis in psychosocial dysfunction, and through this, the ability to learn how that impacts the well being and function of families. It is a way for me to hopefully help children over their lifetime. A way to look at more than just a moment, but to look at a lifespan.”

“I’m not good at a five-minute picture. I’m good at a portrait,” she explains. “In medical school I was always the last student finished in clinicals because I wanted to know all the details when taking history and physical information.” And now, that curious eye for detail has led her to a field she loves.

After graduation from Wright State, she completed a residency in pediatrics at Columbus Children’s Hospital and a two-year fellowship in forensic pediatrics at Hasbro Children’s Hospital, Providence, Rhode Island. She is now an assistant professor of pediatrics at the Boonshoft School of Medicine, with her work based at Dayton Children’s and the Children’s Care House, where she serves as medical director.

The field of child abuse pediatrics, her chosen specialty, provides expert medical evaluation of children with suspected child abuse and neglect. These practitioners are medical experts in all areas of child abuse, including physical and sexual maltreatment and forms of neglect, including supervisinal, medical, nutritional and even factitious illness by proxy. Another facet to this specialty is testifying to the medical well being of children in the courtroom.

Dr. Vavul-Roediger’s approach in all of these situations is honesty, empathy, compassion, and a non-accusatory manner. “I often feel like a social worker, trapped in a doctor’s body,” she says. “It all comes down to what is the best for the health and well-being of the children in our community.”

—Nancy Harker
Outstanding Alumni Award 2007: Thomas F. Gavagan, M.D. (’82)

In the wake of Hurricane Katrina, over 27,000 refugees were housed in the Houston Astrodome. The complicated task of establishing emergency medical services there fell to the recipient of this year’s Boonshoft School of Medicine Outstanding Alumni Award, Thomas F. Gavagan, M.D., MPH (’82). This award is given annually by the Wright State University Alumni Association to recognize alumni who achieve significant professional accomplishments, demonstrate continued service to their alma mater, and possess high standards of integrity.

Dr. Gavagan completed his internship at the University of California at Davis and a family practice residency at Cook County Hospital in Chicago. He also worked with the National Health Service Corps to develop a community health center in an underserved community in Chicago and spent a year consulting with the Ministry of Health in Nicaragua.

Currently, Dr. Gavagan is vice-chair of the Division of Community Health in the Department of Family and Community Medicine at Baylor College of Medicine and assistant chief of staff for the Community Health Program (CHP), the safety net system of public clinics for the Houston area.

Dr. Gavagan and the CHP were responsible for establishing a medical facility—the Katrina Clinic—at the Astrodome/Reliant Center Complex in Houston with only 12 hours’ notice. By the time the facility closed roughly two weeks later, the Katrina Clinic medical staff had seen more than 40 percent of the evacuees who sought shelter in the complex.

Dr. Gavagan will be sharing some of his experiences with fellow alumni at this year’s Reunion Weekend CME Luncheon, where he will co-present with Mark Gebhart, M.D. (’97), on disaster response.

To nominate an alumnus for next year’s Outstanding Alumni Award, call the Office of Advancement at (937) 775-2972 or visit the Medical Alumni Association’s website at: www.med.wright.edu/alumni/outstanding.html

Alumni Directory

In December 2007, the Wright State University Boonshoft School of Medicine Alumni Association will release an updated alumni directory—just in time for the holidays. This book promises to be the definitive reference of our 2,200-plus alumni, including personal, academic, and business information bound into a classic, library-quality edition.

The book is being researched and compiled by Harris Publishing, the leading publisher of alumni directories in the United States. When you receive your directory questionnaire, don’t miss your opportunity to be part of this important project. Take a few minutes to update and return your information, and be sure you’re included so old friends can find you.

Join us this summer for a weekend of fellowship and fun. Events include an after-hours, private reception at Newport Aquarium, a C.M.E. luncheon, a riverboat dinner and cruise, and a picnic at Kings Island amusement park. Visit the reunion website today to register, complete the reunion survey, and learn more about the weekend’s events: www.med.wright.edu/alumni
1980s

Paul A. Strodtbeck, M.D. (‘83), has been practicing internal medicine in Orange County, California, for 17 years. He is a member of a six-physician group and is married to Melissa, a stay-at-home mom.

Louis Cannon, M.D. (‘84), practices interventional cardiology and is program director for the Northern Michigan Hospital Heart and Vascular Institute.

David J. Garvey, M.D. (‘84), is president of the Alabama Chapter of the American College of Emergency Physicians. He is medical director of Emergency Services at Huntsville Hospital in Huntsville, Alabama.

Doug Hazel, M.D. (‘85), is a pulmonary specialist in Savannah, Georgia. He has qualified eight times for the U.S. Amateur Golf Tournament.

Deborah J. Richardson, M.D. (‘87), has practiced with the Miami University Student Health Center in Oxford, Ohio, since 1990. She has three children: Lisa (20), Tyler (17), and Austin (15). In her spare time, she enjoys music, dancing, and performing.

Debra L. Sudan, M.D. (‘89), is a volunteer for the United Network of Organ Sharing. She also serves as president of the Nebraska Chapter of the American College of Surgeons. She is involved at the national level in surgical societies and committees, and is a national figure in surgery and transplantation. She frequently presents and publishes at the national level.

1990s

Elizabeth Bender, M.D. (‘91), is a general and trauma surgeon at Akron City Hospital. She also is recognized for her expertise in wood carvings.

Jeffery Pilney, M.D. (‘91), opened a private surgical practice in New Martinsville, West Virginia. He has completed a SAGES certification in endoscopy at the Ethicon Endo-Surgery Institute in Cincinnati.

Mary Ranee Leder, M.D. (‘92), is currently an associate professor of clinical pediatrics within the Department of Pediatrics at The Ohio State University College of Medicine. Dr. Leder is board certified in pediatrics with sub-board certification in developmental pediatrics. She practices medicine at the Center for Child and Family Advocacy at Columbus Children’s Hospital, where she has evaluated more than 2,000 children for suspected physical and/or sexual abuse.

Kenneth M. Mims, M.D. (‘92), practices with Henry Anesthesia Associates, a busy private practice in suburban Atlanta.

Diane M. Thompson, M.D. (‘94), is director of the Cancer Center at The Queen’s Medical Center in Hawaii. She also serves as associate clinical professor of psychiatry at the University of Hawaii John A. Burns School of Medicine. Dr. Thompson has appeared on numerous television programs speaking on topics such as depression, breast cancer, and anxiety. She also has given a variety of talks for lectures and workshops, especially on issues related to women’s health. She serves on the boards of the Hawaii Children’s Cancer Foundation, Turning Point Cancer Center, Kokua Mau (statewide palliative care program), and Children’s Alliance.

Steven J. Mooibrkoek, M.D. (‘97), practices with Parkview Medical Group in Fort Wayne, Indiana, where he specializes in internal medicine-pediatrics. He and his wife Kara have three children: Joshua (13), Allison (10), and Luke (7).
Andrew J. Shapiro, M.D. (’97), completed his obligation with the U.S. Army and is now in a private general surgery practice in West Palm Beach, Florida. He and his wife Ilene have two children: Ethan (5) and Jillian (1).

Carlos R. Estrada, M.D. (’98), practices pediatric urology at Children’s Hospital Boston. He and his wife, Dr. Bita Tabesh (’97), have three children: Cameron (5), Nora (3), and Darian (2 months).

Patricia B. Mickunas, M.D. (’99), is a diplomate of the American Board of Psychiatry and Neurology and is beginning her first year as co-chair of the Public Information and Liaison Committee of the Ohio Psychiatric Association. She provides psychiatric services within the Ohio Department of Rehabilitation and Corrections. She is married to Dr. Gregory Mickunas, (’98). The couple has two children: daughter Lydia (3) and son Gabriel (3 months).

Tonya R. Williams, M.D. (’99), practices pediatrics in Orlando, Florida.

Heather L. Hilkowitz, M.D. (’00), finished residency in 2004 and has been in private practice in Cincinnati (with a fellow Wright State alum!) for the last two years. She teaches medical students at the University of Cincinnati and is on attending staff with the Bethesda Hospital Obstetrics and Gynecology residency program. She and her husband, Fred Hilkowitz, a project management director/software engineer, have twins, Jakob and Mia, who are 30 months old.

Rannie Al-Samkari, M.D. (’02), is currently chief resident in surgery and was recently inducted into the AOA National Honor Society at Michigan State. He will continue his training as a hand and upper extremity surgery fellow at the University of Louisville in July 2007.

Francis M. Castellano, M.D. (’02), was recently inducted into the Chaminade-Julienne Hall of Fame. He started 29 straight games as football defensive lineman and set the school mark with 250 career tackles. Dr. Castellano is finishing his radiology residency at the University of North Carolina in Durham.

Michael T. Cudnik, M.D. (’02), will complete a Clinical Research Fellowship and an M.P.H. in Biostatistics and Epidemiology in June of 2007 at Oregon Health & Science University in Portland, Oregon. In August of 2007, he will join the faculty in the Department of Emergency Medicine at The Ohio State University. He and his wife Shelley have a 5-month-old daughter, Abigail.

David D. Brill, M.D. (’03), practices family medicine in Columbus. He and his wife Samantha have three children: Audrey, Piper, and Ainsley.


Laura L. Konczal, M.D. (’03), practices at Columbus Children’s Hospital, where she specializes in pediatrics/genetics and metabolic disease.

Sarah A. Tibbetts, M.D. (’03), practices with the Harvard Affiliated Emergency Medicine Residency program.

Jeremy J. Brywczynski, M.D. (’04), has accepted the EMS fellowship at Vanderbilt Medical Center in Nashville, Tennessee. He will attend in the Vanderbilt ED part-time and work with pre-hospital care the rest of the time.

In Memoriam

The Boonshoft School of Medicine wishes to extend its deepest sympathies to the families of Dr. Gregory Ballengee, Dr. Ann Murray, and Dr. Peter Spatt.

Gregory B. Ballengee, M.D. (’89), died unexpectedly on October 9, 2006.

Ann F. Murray, M.D. (’95), died December 6, 2006, after a nine-year battle with breast cancer.

Peter D. Spatt, M.D. (’87), died on July 18, 2006, while mountain climbing near Buena Vista, Colorado.
### MATCH DAY 2007

#### ANESTHESIOLOGY

- **Bryan Alexander**  
  Mercy Hospital of Pittsburgh  
  Pittsburgh, PA

- **Matthew Kuestner**  
  University of Louisville School of Medicine  
  Louisville, KY

- **Alex Porter**  
  Ohio State University Medical Center  
  Columbus, OH

- **Jay Pinsky**  
  University of Texas Medical School  
  Houston, TX

#### EMERGENCY MEDICINE

- **Carrie Arnold**  
  WSU Boonshoft School of Medicine  
  Dayton, OH

- **Christopher Barden**  
  Akron General Medical Center/NEOUCOM  
  Akron, OH

- **James Brewer**  
  Vanderbilt University Medical Center  
  Nashville, TN

- **Timothy Dake**  
  Summa Health/NEOUCOM  
  Akron, OH

#### FAMILY MEDICINE

- **Michele Arthurs**  
  Providence Hospital  
  Washington, DC

- **Abdul Baker**  
  Fairview Hospital  
  Cleveland, OH

- **Akira Barhams**  
  WSU Boonshoft School of Medicine  
  Dayton, OH

- **Stacey Brown**  
  University of Pittsburgh Medical Center St. Margaret  
  Pittsburgh, PA

- **Matthew Gagliotti**  
  St. Elizabeth Health Center/NEOUCOM  
  Youngstown, OH

- **Jacob Hayman**  
  University of Minnesota Medical School  
  Minneapolis, MN

- **Benjamin Missick**  
  WSU Boonshoft School of Medicine  
  Dayton, OH

- **LeDamien Myers**  
  Miami Valley Hospital  
  Dayton, OH

- **Lee Niemyer**  
  Bethesda Hospital  
  Cincinnati, OH

- **Beth Sen**  
  Miami Valley Hospital  
  Dayton, OH

- **John Vitullo**  
  Riverside Methodist Hospital  
  Columbus, OH

#### INTERNAL MEDICINE

- **Kelly Collins**  
  Carolinas Medical Center  
  Charlotte, NC

- **Warren Gavin**  
  Indiana University School of Medicine  
  Indianapolis, IN

- **Jaishree Manohar**  
  UMDNJ-Robert Wood Johnson-Piscataway  
  New Brunswick, NJ

- **Fatos Rugova**  
  Long Island Jewish Medical Center  
  New Hyde Park, NY

- **Chethra Muthiah**  
  Rush University Medical Center  
  Chicago, IL

- **Chad Ruoff**  
  Baylor College Medicine  
  Houston, TX

- **Sunit Srivastava**  
  University of South Florida College of Medicine  
  Tampa, FL

- **Emily Vannorsdall**  
  Kettering Medical Center  
  Kettering, OH

- **Amber Vasquez**  
  University of Louisville School of Medicine  
  Louisville, KY

- **Neha Vibhakar**  
  Indiana University School of Medicine  
  Indianapolis, IN

- **Curtis Weaver**  
  University of Vermont/Fletcher Allen  
  Burlington, VT

#### INTERNAL MEDICINE/EMERGENCY MEDICINE

- **Adarsh Srivastava**  
  Allegheny General Hospital  
  Pittsburgh, PA

#### MEDICINE/PEDIATRICS

- **Joanne Belgarde**  
  Albert Einstein Medical Center  
  Philadelphia, PA

- **Megan Brundrett**  
  University of North Carolina Hospitals  
  Chapel Hill, NC

- **Janice Desir**  
  Stony Brook Teaching Hospitals  
  Stony Brook, NY

- **Angela Floyd**  
  WSU Boonshoft School of Medicine  
  Dayton, OH

- **Man Phung**  
  University of Texas Medical School  
  Houston, TX

#### NEUROLOGY

- **Alexander Venizelos**  
  Loyola University Medical Center  
  Maywood, IL

#### OBSTETRICS/GYNECOLOGY

- **Cherise Chambers**  
  Orlando Regional Healthcare  
  Orlando, FL

- **Amberly Davidson**  
  Good Samaritan Hospital  
  Cincinnati, OH
Margaret M. Dunn, M.D., M.B.A., has been appointed executive associate dean of Wright State University Boonshoft School of Medicine and president and CEO of Wright State Physicians, Inc., the largest multispecialty group of physicians in the Miami Valley.

Dr. Dunn is currently associate dean for faculty and clinical affairs and a professor of surgery, serving as a faculty member since 1982. A native of Freeport, New York, she received a Bachelor of Science degree from Pennsylvania State University and holds an M.D. from Jefferson Medical College in Philadelphia. She completed her surgery residency and served as chief surgical resident at Einstein-Montefiore Medical Center in New York City. She completed an M.B.A. at Wright State University and is a member of the honorary medical society Alpha Omega Alpha.

Dr. Dunn is certified in general surgery by the American Board of Surgery and is a fellow of the American College of Surgeons. She is past president of both the Association of Women Surgeons and the Ohio Chapter, American College of Surgeons, and has held leadership positions in the American College of Surgeons. She has won numerous teaching and research awards, including the Wright State University Academy of Medicine’s award for Excellence in Medical Education, and was selected for the prestigious Executive Leadership in Academic Medicine (ELAM) fellowship. In 2002 she received the Distinguished Member Award from the Association of Women Surgeons. Dr. Dunn serves on several community boards, including the Dayton Clinical Oncology Program and Premier Community Health.

Cynthia G. Olsen, M.D. (’85), professor of family medicine, has accepted the two-year position of president of the Ohio Geriatric Society.

John Donnelly, M.D., associate professor of family medicine and community health, was Wright State’s nominee for the 2006 Association of American Medical Colleges (AAMC) Humanism in Medicine Award.
Thomas E. Herchline, M.D., F.A.C.P., associate professor of internal medicine, was awarded the American College of Physicians Ohio Chapter’s 2006 Volunteerism Award for his dedication to the Leukemia and Lymphoma Society and Hearts for Honduras.

Lawrence Lawhorne, M.D., professor and chair of geriatrics, has been elected vice president of the Ohio Geriatric Society.

Gary LeRoy, M.D. (’88), assistant dean for minority and student affairs and medical director of East Dayton Health Center, was honored as the 2006 Humanitarian by the National Conference for Community and Justice of Greater Dayton.

Mariana Morris, Ph.D., chair and professor of pharmacology and toxicology, has received the prestigious Fulbright Research/Teaching Scholarship from the J. William Fulbright Foreign Scholarship Board. The award will provide an opportunity for Dr. Morris to conduct a research and teaching program in Porto Alegre, Brazil, a city located on the southern border of the country.

John Pascoe, M.D., M.P.H., professor of pediatrics, and Adrienne Stolfi, M.S.P.H., instructor in biostatistics and pediatrics, received the Ellen Rudy Clore Excellence in Research Writing Award for 2006 from the Journal of Pediatric Health Care.

Arthur Pickoff, M.D., professor and chair of the Departments of Community Health and Pediatrics, has been elected president of the newly formed Great Rivers Affiliate of the American Heart Association. This new affiliate is the result of a merger of the Ohio Valley and Pennsylvania-Delaware Affiliates and includes the states of Ohio, Kentucky, West Virginia, Pennsylvania, and Delaware.

New Faces

Susan P. Almazan, M.D.
Assistant Professor, Pediatrics
M.D.: University of the East Ramon Magsaysay Memorial Medical Center
Residency: Children’s Hospital of Michigan (pediatrics)
Fellowship: Children’s Hospital of Buffalo
Fellowship: British Columbia Children’s Hospital (diabetes/endocrinology)

Farhat N. Ashai-Khan, M.D.
Assistant Professor, Pediatrics
MBBS/M.D.: Fatima Jinnah Medical College
Residency: University of Kansas Medical Center (pediatrics)
Fellowship: Cincinnati Children’s Hospital Medical Center (pediatric gastroenterology)

J. Cory Barnett, M.D.
Instructor, Obstetrics/Gynecology
M.D.: University of Louisville School of Medicine
Residency: Wright State University/Wright-Patterson Medical Center (obstetrics and gynecology)

Ethan A. Bean, M.D.
Assistant Professor, Psychiatry
M.D.: Medical University of South Carolina
Residency: San Antonio Uniformed Services Health Education Consortium (psychiatry)
Faculty Recognition

Three of the four 2006 Master Teacher Awards presented by the Ohio Chapter of the American College of Physicians were given to Wright State Boonshoft School of Medicine faculty. A master teacher must have demonstrated excellent teaching skills to medical students, resident physicians, and physician colleagues for a period of at least 10 years. Awards were given to: Hassan Mehbod, M.D., F.A.C.P., clinical professor of internal medicine; Satyendra C. Gupta, M.D., F.A.C.P., professor of medicine and former division chief of cardiology; and Barbara L. Schuster M.D., M.A.C.P., professor and chair of internal medicine.

Two fellows in Wright State’s Infectious Diseases Fellowship were honored at the Infectious Diseases Society of Ohio annual meeting held in March. Shefali Kapadia, M.D., a second year fellow, won first prize for her case presentation, “Punjab fever?” and Wissam Sabbagh, M.D., a first year fellow, won second prize for her case presentation, “How did I get this bug?”

At the 26th Annual Conference of the Generalists in Medical Education, three of the four presentations on the topic “Engaging Students and Residents in the Scholarship of Teaching and Learning” were by Wright State faculty and internal medicine residents.

Of Primary Interest

New Faces

Nicole J. Borges, Ph.D.
Associate Professor, Community Health
Ph.D.: Indiana State University
(counseling psychology)
Fellowship: Virginia Commonwealth University School of Medicine (clinical health psychology)

Waseem Butt, M.D.
Assistant Professor, Family Medicine
MBBS: King Edward Medical College
Residency: Mount Sinai School of Medicine (internal medicine)

Richard L. Dagrosa, M.D.
Instructor, Emergency Medicine
M.D.: Drexel University College of Medicine
Residency: San Antonio Uniformed Services Health Education Consortium (emergency medicine)

Kenneth C. Dahms, J.D.
Instructor, Community Health
(Center for Global Health Systems, Management, and Policy)
J.D.: Harvard Law School

Hillary A. Elins, M.D.
Instructor, Obstetrics/Gynecology
M.D.: American University of the Caribbean
Residency: Methodist Health System, Dallas (obstetrics and gynecology)
Fellowship: Johns Hopkins School of Medicine (pulmonary critical care research)

Nominator James Olson, Ph.D., professor of emergency medicine (L), presents the Elder Statesman of Aviation Award to Stanley Ross Mohler, M.D., professor emeritus of community health and past director of the Aerospace Medicine division. He was recognized for his extensive writing about aviation medicine and for the “legion of civilian aeromedical professionals” resulting from his work. This award from the National Aeronautic Association honors outstanding Americans over the age of 60 who have made contributions of significant value to aviation.
New Center Established

The Comprehensive Neuroscience Center opened with an inaugural program, poster session, and reception on February 16.

Wright State University Boonshoft School of Medicine has established a Comprehensive Neuroscience Center for improving research of neurological, developmental, cognitive, psychiatric, and trauma-induced nervous system disorders. The newly established center will integrate teams of scientists and clinicians across numerous disciplines to collaboratively address fundamental issues in both basic science and clinical neuroscience research. Timothy C. Cope, Ph.D., chair and professor of the Department of Neuroscience, Cell Biology and Physiology, will serve as the center’s director. The center is made possible through a grant from the Boonshoft Innovation Fund, established when Oscar Boonshoft gave Wright State University School of Medicine a gift of $28.5 million dollars to spur innovative programs that would propel the school to national leadership. This initiative builds upon the success of the Center for Brain Research, a critical infrastructure established with assistance from the National Institutes of Health and, locally, by The Kettering Fund.

Wright State Receives Grant for International Education

A consortium of educational institutions in Brazil and the United States has received a four-year grant from the Fund for the Improvement of Postsecondary Education (FIPSE). Locally, Wright State University and Central State University are program partners. The focus will be on students in the sciences with courses tailored to their individual programs and a practical research experience. Other aspects of the program include student and faculty exchange, cultural activities, and development of Portuguese language skills. Khalid Elased, R.Ph., Ph.D., assistant professor of pharmacology and toxicology, will lead the Wright State program.

New Faces

Israel Henig, M.D.
Assistant Professor, Obstetrics/Gynecology
M.D.: University of Tel Aviv Medical School
Residency: Fairview Hospital (general surgery)
Residency: Mount Sinai Medical Center, Cleveland (obstetrics and gynecology)
Fellowship: Rush University Medical Center (reproductive endocrinology and infertility)

David D. Kim, M.D.
Instructor, Obstetrics/Gynecology
M.D.: Keck School of Medicine of USC
Residency: Wright State University/Wright-Patterson Medical Center (obstetrics and gynecology)

Damian J. Paonessa, M.D.
Assistant Professor, Obstetrics/Gynecology
M.D.: Georgetown University School of Medicine
Residency: David Grant USAF Medical Center (obstetrics and gynecology)
Fellowship: Madigan Army Medical Center (maternal fetal medicine)

Sven E. Raymond, M.D.
Assistant Professor, Internal Medicine
M.D.: Case Western Reserve University School of Medicine
Residency: Wright State University School of Medicine (internal medicine)

Jennifer M. Rhode, M.D.
Assistant Professor, Obstetrics/Gynecology
M.D.: University of Alabama School of Medicine
Residency: Keesler USAF Medical Center (obstetrics and gynecology)
Fellowship: University of Michigan (gynecologic oncology)
Levin Family Foundation and Kettering Medical Center
Donate Van

A 44-foot mobile medical van and funds for its conversion have been given to the Homeland Emergency Learning and Preparedness Center (H.E.L.P.) within the Department of Emergency Medicine. Once converted, the vehicle will become the Healthcare Operations and Preparedness Education (H.O.P.E.) mobile command unit for the center and the region. The mobile unit will be a custom-designed, state-of-the-art emergency response vehicle, serving as a medical command facility for emergency medical or public health incidents throughout homeland security region III of the state of Ohio. At other times, the unit will serve as a medical training facility using high fidelity human patient simulators. This will allow faculty from the Department of Emergency Medicine to take state-of-the-art training to medical facilities across Ohio, especially to the more rural settings.

Local governmental officials, faculty, and community members attended a ribbon cutting at Mount Olive Baptist Church to announce its new partnership with Wright State University’s Community Health Initiative. The church will serve as an outreach center for persons on Dayton’s West Side and provide health testing (including HIV), confidential interviews, case management assistance, and educational sessions. Other partner agencies in this initiative include the Montgomery County Combined Health District, the Dayton Urban League, and an alcohol, drug, and mental health provider—Wright State’s Consumer Advocacy Model (CAM) program.
The following individuals were initiated into Alpha Omega Alpha, the national medical honor society, in April:

**Fourth-Year Students**
- Phoebe Abraham
- Carrie Arnold
- Abdul Baker
- James Brewer
- Stacey Brown
- Brian Harmych
- Matthew Kinzie
- Shawn McFarland
- Kristen Mergler

**Faculty**
- Kennon Miller
- Kari Rudinsky
- Matthew Tomlin
- Arthur Pickoff, M.D.
- Brenda Roman, M.D.

**Third-Year Students**
- Gary Bixler
- Kavita Kuchipudi
- Joseph Meranda
- Gayatri Patel
- Christine Pham

**Residents**
- Pritam Polkampally, M.D.

**Alumni**
- Dennis Brown, M.D.
- Julie Gentile, M.D.

**On April 14th, the Academy of Medicine held its Annual Distinguished Guest Lecture and Dinner Meeting at the Schuster Center for Performing Arts. Pictured left to right are award winners Adrienne Stolfi, M.S.P.H. (Excellence in Medical Education and Research), Kari Rudinsky (MS IV), Trevor Downing (MS I), Mary Jo Kerns, M.D. (Outstanding Resident Award), Kavita Kuchipudi (MS III), Kirk Whetstone (MS II), and guest speaker Cokie Roberts. Award recipients not pictured: Dr. Julian Gomez-Cambronero (Outstanding Achievement in Medical Education and Research) and Drs. Alvin Stein, David McKenna, Peter Barre (Professional Excellence in the Practice of Medicine).**

**New Faces**

**Kathryn M. Tchorz, M.D.**
- Associate Professor, Surgery
- M.D.: University of Medicine and Dentistry of New Jersey
- Residency: University of Chicago Hospitals (general surgery)
- Fellowship: Grady Memorial Hospital, Emory University School of Medicine (trauma)
- Fellowship: Grady Memorial Hospital, Emory University School of Medicine (critical care)

**Michele D. Torres-Winburn, M.D.**
- Assistant Professor, Family Medicine
- M.D.: Wright State University School of Medicine
- Residency: Miami Valley Hospital
- Family Practice Residency

**Lori C. Vavul-Roediger, M.D.**
- Assistant Professor, Pediatrics
- M.D.: Wright State University School of Medicine
- Residency: Columbus Children’s Hospital (pediatrics)
- Fellowship: Hasbro Children’s Hospital, Brown Medical School (forensic pediatrics)

**Christopher N. Wyatt, Ph.D.**
- Assistant Professor, Neuroscience, Cell Biology, and Physiology
- Ph.D.: University of Leeds, Department of Pharmacology
More than 100 individuals attended the annual Global Health Initiative Symposium to highlight current issues in global health and to raise funds to offset the cost of international student travel. The annual event included a silent auction of donated goods and services, which raised $2,000.

Sara Doorley, M.D., and Glen Kim, M.D., M.P.H., from Brigham and Women’s Hospital, Boston, Massachusetts, were keynote speakers for the event. Dr. Doorley was a co-founder of Global Health Initiative while at Wright State and has had extensive international volunteer experience, including work in Israel, Palestine, Haiti, and El Salvador. She is currently a social medicine resident at Montefiore Hospital in the Bronx. Dr. Kim’s research interests include population-based humanitarian needs and human rights assessments among displaced and conflict-affected groups in such areas as Iraq and Darfur, Sudan.

About 170 individuals joined the student-run AIDS Walk for 2007 held on Wright State’s campus. Almost $6,000 was raised for local projects that address the needs of individuals with HIV or AIDS.
Calendar

Medicine Ball
May 23, 2007
Dayton Racquet Club
For more information, contact:
(937) 775-2934

SNMA Banquet
May 24, 2007
Schuster Performing Arts Center
For more information, contact:
(937) 775-2934

Graduation
May 25, 2007
Schuster Performing Arts Center, Mead Theater
6:30 p.m.
For more information, contact:
(937) 775-2934

Center for Healthy Communities
Annual Meeting
June 20, 2007
10:30 a.m.
Dayton Cultural Center
For more information, contact:
(937) 775-1114

Student Clinician’s Ceremony
July 16, 2007
6:00 p.m.
Student Union Apollo Room
Reception will follow in the formal lounge
For more information, contact:
(937) 775-2934

Reunion Weekend
July 20-22, 2007
Cincinnati
For more information, contact:
(937) 775-2972

Convocation for Class of 2011
July 29, 2007
2:00 p.m.
Schuster Performing Arts Center, Mead Theater
For more information, contact:
(937) 775-2934

Student Awards Ceremony
November 13, 2007
5:00 p.m. Reception
5:30 p.m. Ceremony
E156 Student Union
For more information, contact:
(937) 775-2934

Vital Signs is published twice a year for alumni, faculty, staff, and friends of Wright State University Boonshoft School of Medicine.

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