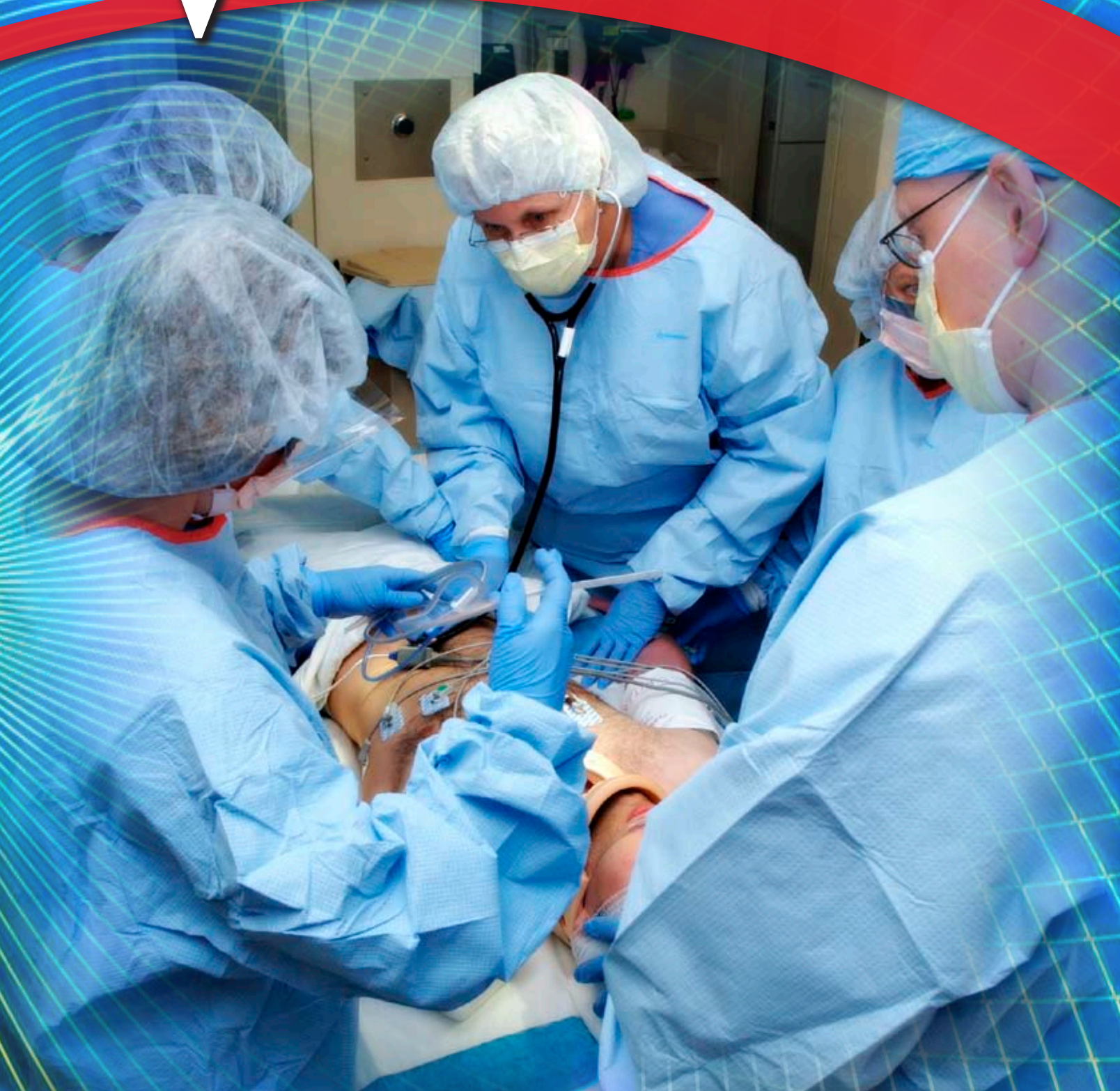


WRIGHT STATE UNIVERSITY BOONSHOFT SCHOOL OF MEDICINE  
FALL 2006—VOL. 30, NUMBER 2

# VITAL SIGNS





# Dean's Message



## About the Covers:

*The covers feature Mary McCarthy, M.D., professor and chief of the Division of Trauma and director of the Trauma Program at Miami Valley Hospital, with patients. Dr. McCarthy heads the region's only Level 1 Trauma Center, which was recently designated by the National Foundation for Trauma Care as one of the top five "highly prepared" trauma centers in the nation for its preparedness to respond to large-scale disasters. (Photos courtesy of Miami Valley Hospital)*



Throughout our school's history, close supportive partnerships have enabled us to train highly skilled, compassionate physicians and positively impact the health of the entire community. Today brings new opportunities for these interactions as we partner to address physician workforce issues, develop medical readiness for mass disasters, and reduce the incidence of skin cancer in our community.

The school's Department of Surgery has rapidly expanded its faculty and areas of expertise, now divided into a dozen program divisions. New faculty are filling critical needs within our teaching hospitals and our community. The department is one of the largest general surgery residency programs in the United States and serves as an integrated civilian/military model for medical education.

Formed within the school's Department of Emergency Medicine, the Homeland Emergency Learning and Preparedness (H.E.L.P.) Center has been funded by the Ohio Department of Health to help the state address current concerns about medical readiness in the case of man-made or natural disasters. The H.E.L.P. Center has been instrumental in developing Ohio's pilot program for training first responders and has worked closely with the Greater Dayton Area Hospital Association to coordinate and develop a community-wide response plan.

This past spring, the school's Division of Dermatology led a community-wide, week-long screening program for skin cancer. With the help of residents and voluntary community faculty, the screenings promote early detection and create greater awareness about skin cancers.

As the largest supplier of new doctors for our community, we are committed to preserving their hallmark—compassion. The Healer's Art, a new nationally developed course, offers students a unique framework to nurture their calling as physicians. The commonality in all of these initiatives, of course, is our commitment to the medical profession and the community we serve.

Sincerely,

Howard M. Part, M.D.  
Dean

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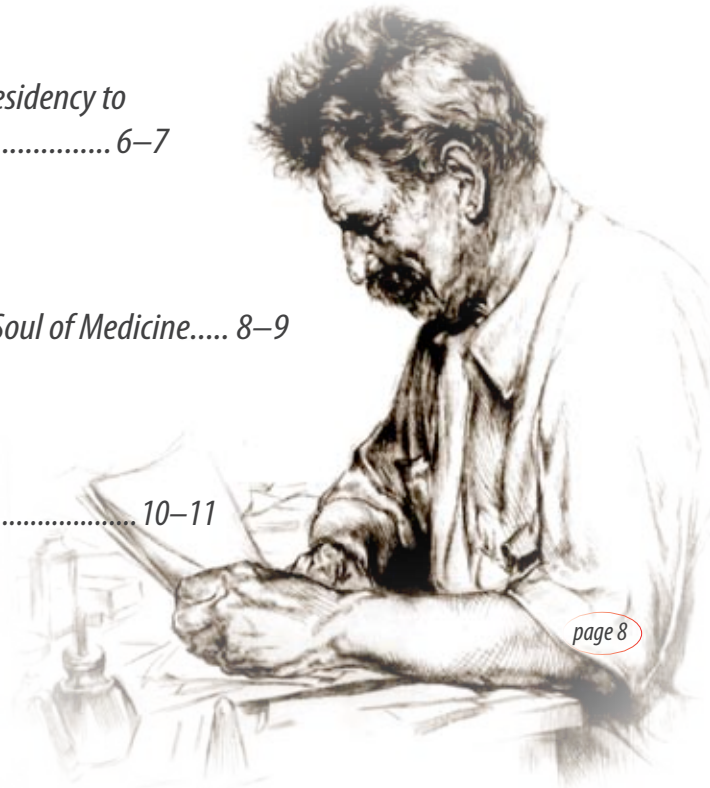
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# Leadership Role in Community Preparedness

**S**urrounded by disturbing images of natural disasters and terrorism, many Ohioans are asking, "What if it happened here?"

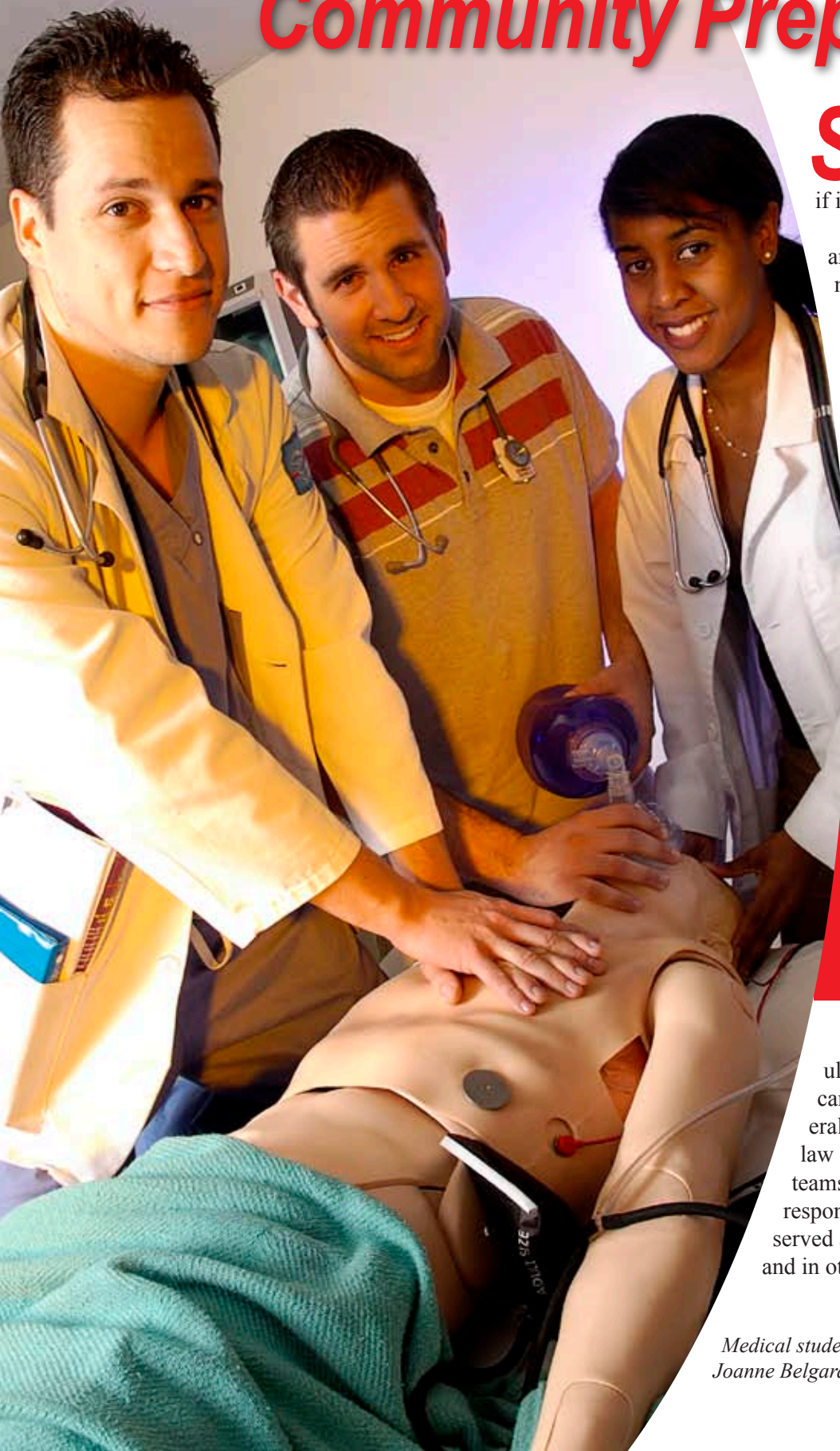
Glenn Hamilton, M.D., professor and chair of Wright State's Department of Emergency Medicine, refers to homeland security as a "faith-based initiative."

"We all want to believe that preparedness is happening, has happened," he says. "People actively involved in this process recognize that the promise is unfulfilled. You have to operationalize your plan. You can think it through, but until you do it, learn, and do it again, you just aren't sure what it will take. The best way to be spontaneous is to rehearse."

***"We all want to believe that preparedness is happening, has happened. People actively involved in this process recognize that the promise is unfulfilled."***

Historically, the department's faculty are on the front line of emergency care in the region's hospitals, and several work with local fire departments, law enforcement, and search and rescue teams. Faculty members serve as first responders to local disasters, and many served at 9/11, during Hurricane Katrina, and in other national disasters.

*Medical students Gabriel White, Warren Gavin, and Joanne Belgarde with new high-tech patient simulators.*



***“We think of it as an insurance policy for our region.”***

*Mark Gebhart, M.D. ('97), assistant professor and director of the H.E.L.P. Center.*



With a mission to protect the health and wellbeing of the community, the department is now developing a statewide model for disaster training, preparedness, and response. The Homeland Emergency Learning and Preparedness (H.E.L.P.) Center has received six contracts totaling \$7.1 million in funding this year from the Ohio Department of Health to establish the critical infrastructure needed for medical readiness. “The funds will be used to provide additional medical resources in the event of catastrophic disaster. We work collaboratively with federal, state, and local governments as well as private sector organizations to enhance domestic preparedness and homeland security. We think of it as an insurance policy for our region,” explains Mark Gebhart, M.D. ('97), assistant professor and director of the H.E.L.P. Center.

Specifically, the funds are committed to:

### ***Train first responders***

The Department of Emergency Medicine is the only certified training site in Ohio—and one of few nationally—for the National Disaster Life Support Foundation™ curriculum. Developed by a national consortium, the tier of courses

focuses on standardizing training in the recognition and management of “all-hazards” threats—nuclear, biological, chemical, explosive, and natural disasters. So far, about 500 law enforcement officers, fire fighters, hazardous materials technicians, paramedics, bomb squads, public health workers, physicians, and nurses have attended classes offered by Wright State faculty. Additional courses and drills will be offered in the next year.

“Look at the faculty and staff that we have here,” says Timothy Shaw, J.D., retired FBI agent and project director for the H.E.L.P. Center. “We are all boots-on-the-ground. We’ve all had a lot of experience in one form or another—whether it’s medical, HAZMAT, Urban Search and Rescue, SWAT—in major planning and disaster response. We can talk about our experiences, learn from them, and incorporate them into our planning for the region and the state.”

***“Look at the faculty and staff that we have here. We are all boots-on-the-ground.”***

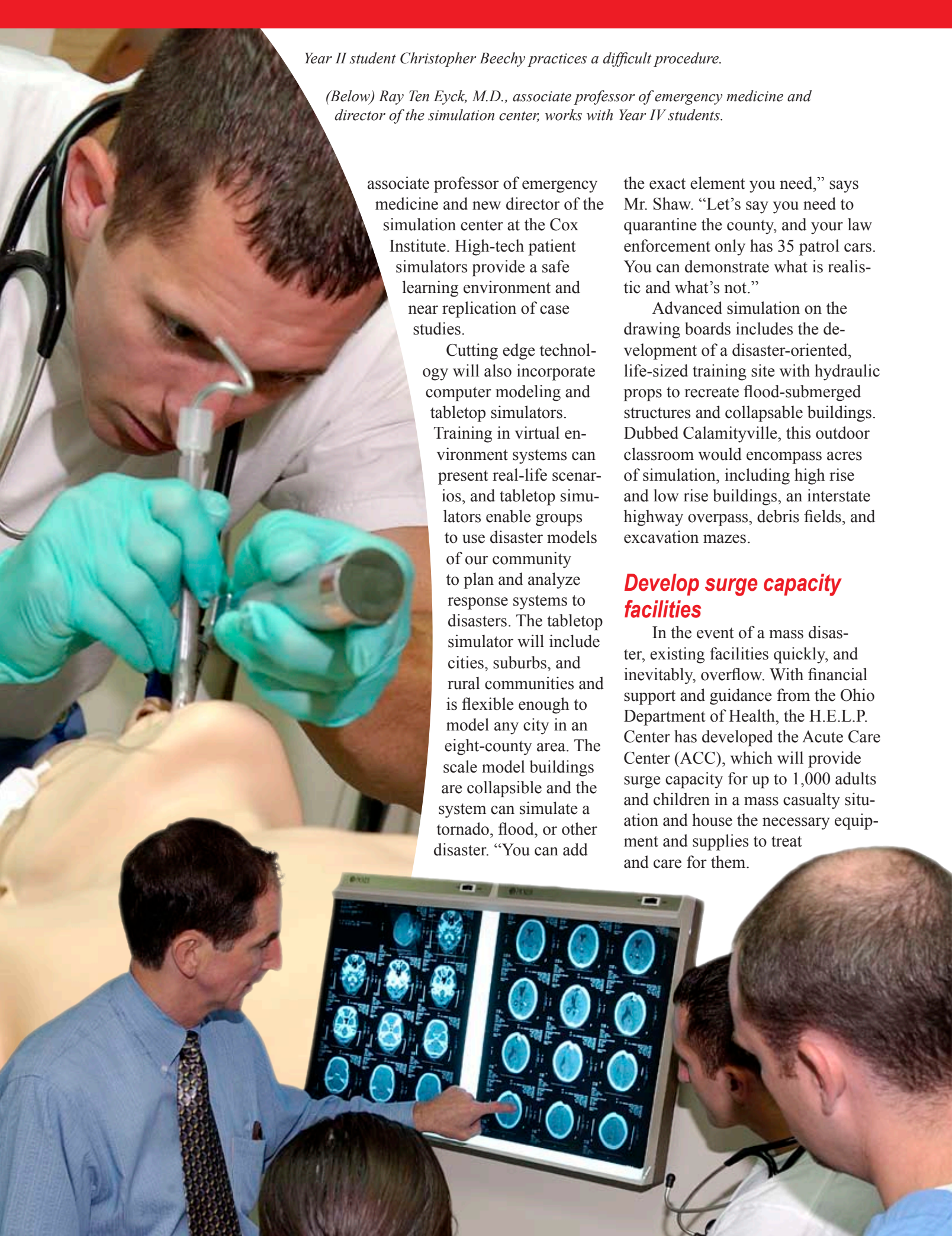
### ***Establish training facilities***

While standardizing the coursework for emergency preparedness is a key first step, necessary also are facilities that can provide the backdrop for realistic, interactive, and hands-on experiences. These facilities will be community-wide assets, developed in conjunction with hospital and public health partners. The H.E.L.P. Center has established the first Modular Acute Care Incident and Education Center, a field simulation center at a separate site, to meet this need for first responders.

To meet this need for all three levels of medical education (undergraduate, graduate, and continuing), the department is converting space at Wright State’s Cox Institute, located on the grounds of Kettering Medical Center, into a medical simulation center. “Acute care decision making is important, but it tends to be the last thing offered to a medical student during an actual acute care event,” says Dr. Hamilton. “During the mandatory fourth-year clerkship in emergency medicine, we want to move from small group case discussion to bedside simulations in cardiac, trauma, toxic, and other acute care situations. These kinds of learned skills are important and apply in any specialty a student might enter.” The new center will recreate an ICU setting, a trauma bay, and an acute care emergency area and also include trauma torsos and ultrasound models for training in vascular access and other skills.

One key component of these facilities would be patient simulators, anatomically accurate trainers that can mimic a human’s breathing, pulse, and blood pressure as well as moan, vomit, bleed, talk, and respond adversely or positively to interventions. Having a “voice” is central to the success of the simulators, according to Ray Ten Eyck, M.D.,





*Year II student Christopher Beechy practices a difficult procedure.*

*(Below) Ray Ten Eyck, M.D., associate professor of emergency medicine and director of the simulation center, works with Year IV students.*

associate professor of emergency medicine and new director of the simulation center at the Cox Institute. High-tech patient simulators provide a safe learning environment and near replication of case studies.

Cutting edge technology will also incorporate computer modeling and tabletop simulators. Training in virtual environment systems can present real-life scenarios, and tabletop simulators enable groups to use disaster models of our community to plan and analyze response systems to disasters. The tabletop simulator will include cities, suburbs, and rural communities and is flexible enough to model any city in an eight-county area. The scale model buildings are collapsible and the system can simulate a tornado, flood, or other disaster. "You can add

the exact element you need," says Mr. Shaw. "Let's say you need to quarantine the county, and your law enforcement only has 35 patrol cars. You can demonstrate what is realistic and what's not."

Advanced simulation on the drawing boards includes the development of a disaster-oriented, life-sized training site with hydraulic props to recreate flood-submerged structures and collapsible buildings. Dubbed Calamityville, this outdoor classroom would encompass acres of simulation, including high rise and low rise buildings, an interstate highway overpass, debris fields, and excavation mazes.

### ***Develop surge capacity facilities***

In the event of a mass disaster, existing facilities quickly, and inevitably, overflow. With financial support and guidance from the Ohio Department of Health, the H.E.L.P. Center has developed the Acute Care Center (ACC), which will provide surge capacity for up to 1,000 adults and children in a mass casualty situation and house the necessary equipment and supplies to treat and care for them.



*Timothy Shaw, J.D., (L) assistant professor of emergency medicine and deputy director of the H.E.L.P. Center, and Scott Fitzsimmons, Senior EMT Technologist, in the midst of supplies at the Acute Care Center. The Acute Care Center provides surge capacity for 1,000 and can be self-sufficient in an austere environment.*

An ACC has the capability to be self-sufficient in an austere environment for up to 72 hours and can operate as a stand alone medical facility serving in concert with a hospital. ACCs include generators and decontamination equipment. Ohio's first ACC has been established in the Miami Valley in partnership with the Greater Dayton Area Hospital Association. The detailed plan itemizes equipment and supplies as well as staffing and activation protocols. Two more ACCs are in the development stages in other parts of Ohio. One of these will be a 500-bed unit, the other, a 250-bed unit. Eventually, each Homeland Security Region in Ohio will be served by one or more ACCs.

### **Establish neighborhood response capability**

Because all disasters are most immediately local, neighborhoods, too, need to have plans to quickly meet health care needs. The H.E.L.P. Center has developed the first Neighborhood Emergency Health Center, a triage site that is embedded within the community and can be quickly activated. These neighborhood sites are designed to quickly dispense medications and immunizations, treat minor illnesses and injuries, and meet the needs of the "concerned well" while moving stabilized, critical patients to other facilities. The Neighborhood Emergency Health Center will also be responsible for maintaining emergency supplies and equipment and for patient tracking and discharge. The H.E.L.P. Center has contracted with local ambulance firms to establish an evacuation plan for critical

patients and to quickly move non-critical patients out of harm's way. Key partners in this area include the Victor J. Cassano Clinic, the largest clinic for the underserved in the region, and Dayton Hospice.

### **Address staffing issues**

One of the most significant problems in mass casualty situations has been the lack of trained individuals at the scene. The region's plan calls for recruiting and training retired health care professionals and students to be on standby and includes the ability to activate this group when needed. Partnering with the Ohio Medical Reserve Corps, local teams are being trained as part of a comprehensive emergency response plan in coordination with local health districts and the H.E.L.P. Center.

"The medical school is bringing assets that fundamentally wouldn't

be here otherwise to engage all tiers of training," says Dr. Hamilton. "This wide range of activity is being fueled by our status as a community and regional asset. What we have learned here will be readily shared throughout the state. Fulfilling our obligation to medical readiness elements is only one part of the preparedness effort going forward for the citizens of southwest Ohio and beyond."

—Judi Engle

**"This wide range of activity is being fueled by our status as a community and regional asset."**





# Tip of the Scalpel:



**T**wenty-four full time faculty members, 50 surgical residents, and 12 program divisions make the Department of Surgery at Wright State's Boonshoft School of Medicine, a very busy place. Performing procedures ranging from laparoscopic general surgery to kidney transplantation, our surgeons and residents are committed to delivering the highest quality of care and education. The department has a long-standing tradition of excellence in patient care and teaching, and is one of the largest general surgery residency programs in the country.



*Paula M. Termuhlen, M.D., F.A.C.S., associate professor and program director of Wright State's General Surgery Residency Program*

Residency in general surgery requires a commitment to at least five years of training in the art of surgery. "In Wright State's general surgery residencies, completion of the entire five-year program assures the residents comprehensive exposure to the depth and breadth of clinical surgery that is required for entry into either the private practice of general surgery or for further fellowship training opportunities," says Paula M. Termuhlen, M.D., F.A.C.S., associate professor and program

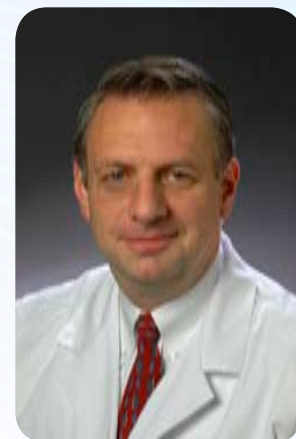


*Alex Little, M.D., Elizabeth Berry Chair and professor of surgery. (Courtesy of Miami Valley Hospital)*

director of Wright State's General Surgery Residency Program. "This is accomplished at and through the participation of six diverse hospitals located around the Miami Valley, and is strengthened by the research year that residents experience in addition to the five clinical years."

Since the fall of 2003, Alex Little, M.D., has served as the Elizabeth Berry Chair and professor of the department. He brought with him expertise in thoracic surgery, with a special interest in the laparoscopic treatment of gastroesophageal reflux disease (GERD) and large or giant hiatal hernias. His goal for the department and the region has been to find and fill some of the specialty niches where Wright State can contribute to surgical expansion and meet the needs of the community. "We have demonstrated, through recruitment of surgeons with specific expertise, that there are significant opportunities here in Dayton for academic surgeons," says Dr. Little.

Under the leadership of Mary C. McCarthy, M.D., professor and chief of the Division of Trauma and director of the Trauma Program at Miami Valley Hospital, the department's critical care surgery program has added four new trauma/critical care surgeons to the program. Harry L. Anderson III, M.D., F.A.C.S., F.C.C.M., one of the additions, will serve as director of a new Surgical Critical Care Fellowship program based at Miami Valley Hospital.



*Harry L. Anderson III, M.D., F.A.C.S., F.C.C.M., professor of surgery and director of the Surgical Critical Care Fellowship, Miami Valley Hospital*



# *From Residency to Practice*

“Our surgical critical care team’s goal is to enhance education, create an advanced training fellowship for two board eligible surgeons, and become a test site for new critical care bedside research, including noninvasive hemodynamics, monitoring, resuscitation, and overall care of the critically ill patient,” says Dr. Anderson. “The unit uses a multidisciplinary team approach for our patients.” This includes care provided not only by the surgical intensivists, but also care provided in collaboration with pulmonologists, respiratory care practitioners, critical care nursing staff, critical care pharmacists, and dieticians. “The ICU team provides excellent 24-hour care to critically ill patients in the only Level 1 Trauma Center in the region. We certainly are busy, and we are now seeing more than 3,500 trauma/critical care admissions per year,” says Dr. Anderson.

*“The ICU team provides excellent 24-hour care to critically ill patients in the only Level 1 Trauma Center in the region.”*

A new surgical clinical research program began this fall with the addition of Kathryn M. Tchorz, M.D., F.A.C.S., associate professor of surgery. A new two-year grant, through the National Institutes of Health, provides for half Dr. Tchorz’s time to develop surgical clinical research programs, mainly in trauma and critical care. Her first project focuses on hemodynamics—monitoring of natural heart and blood systems and improving how they work together in trauma situations.



*Thavam Thambi-Pillai, M.D.,  
assistant professor of surgery*

The department also has a new transplant surgeon, Thavam Thambi-Pillai, M.D., assistant professor of surgery and a specialist in multi-organ transplantation, laparoscopic donor nephrectomy, and liver resection, as well as other advanced laparoscopic surgeries. A goal for him, after expansion of the kidney transplant program, is to explore programs involving pancreatic and, eventually, liver transplantations. “What attracted me to Dayton was not just the long history of transplantation at Miami Valley Hospital, but also the opportunity for expansion of the transplant program. Through the addition of the academic practice to the healthy private practice already in operation here, the program this fall will become a Transplant Center,” says Dr. Thambi-Pillai.

Through the efforts of Drs. R. Michael Johnson, associate professor and chief of the Division of Plastic Surgery, and Richard Simman, assistant professor and director of Plastic Surgery Research, a new three-year plastic surgery residency began in July with its first resident.

National recruitment is ongoing to add a third specialist in surgical oncology for the purpose of adding research, overview, and input to the department’s surgical oncology program. Dr. Termuhlen and a recent recruit, James R. Ouellette, D.O., are active surgical oncologists with expertise in the treatment of a wide range of malignancies, including breast, pancreatic, gastrointestinal, and liver cancers.


“The department has supplied needs and strengthened hospital programs without compromising what is one of the best general surgical residency programs in the United States,” explains Dr. Little. “Our medical school continues to contribute to this area’s resources through its recruitment of certain types of surgeons for specific practices that supplement areas supplied by the region’s private sector surgeons. Through this means we are able to help patients by having expertise here at home so they don’t need to go elsewhere for areas of specialized care.”

*“The department has supplied needs and strengthened hospital programs without compromising what is one of the best general surgical residency programs in the United States.”*

Just as surgical techniques have exponentially improved since the beginning of the 20th century, so new surgical procedures and training of specialists will continue to develop and change on into the future. With its many community partners the Boonshoft School of Medicine is leading the way.

—Nancy Harker





# Nurturing the Heart and Soul of Medicine

**W**hen medical students commit to four years of challenging academic work, grueling schedules, and financial sacrifice, they often do it because they feel a calling: medicine offers an opportunity to serve humanity in a meaningful career. Can the rigors of medical school dampen that sense of purpose? Studies have indicated that this is the case, but there's a national movement afoot to help medical students retain their humanistic focus in medical school and beyond.

In the fall of 2005, the Boonshoft School of Medicine offered first-year students an inaugural session of The Healer's Art, a medical school curriculum designed by Rachel Naomi Remen, M.D., professor of family and community medicine at the University of California at San Francisco. Her workshops emphasize that meaning and purpose can be cultivated, strengthened, and shared with others to sustain the physician's commitment to serve. The curriculum is now taught in more than 50 medical schools around the nation.

John Donnelly, M.D., associate professor of family medicine and community health and a recipient of the Gold Foundation's Leonard Tow Humanism in Medicine Award, introduced The Healer's Art here through a \$398,000 grant from the U.S. Department of Health and Human Services (HHS). "In the first year, students are spending so much time on the requisite scientific knowledge and clinical skills that they experience a loss in their original sense of purpose," he says. "This touches on things that don't get into the curriculum, or

are discouraged in some scientific or clinical settings."

The Healer's Art brings together medical students with practicing and teaching physicians, encouraging them to share their experiences, beliefs, aspirations, and personal values. Over five evening sessions, faculty and students have a series of conversations which focus on humanism, personal discovery and awareness, supportive relationships, and service.

The Healer's Art does require busy medical students to take time for introspection. Seethal Ja-

cobs, Class of 2009, says she signed up because "I was interested in taking a course that focused more on the ethical and social sides of medicine as opposed to the scientific and clinical sides we see every day in lecture. When the class began, I was surprised to find out that much of

the focus was on us as individuals. It was

more of an opportunity for us to step away from our hectic lives and remember why we wanted to be physicians." Jeff Jenks, president of the Class of 2009, agrees. "The Healer's Art course provides an atmosphere where we can share experiences in a non-threatening and confidential environment. I learned a lot from these individuals, and I also learned a lot from myself as I went through The Healer's Art process."

Dean X. Parmelee, M.D., associate dean for academic affairs and a faculty member in the course, is pleased that the voluntary, not-for-credit course has been well received, with 40 students in the Class of 2009 applying for 20 course slots. The first participants were selected by lottery; this year, the course will be offered

"The Healer's Art  
course provides an atmosphere  
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**"It addresses the conflict** that can arise between being an expert, a technician, a scientist—versus being a healer and a humanistic being."

to the remaining students, and to the Class of 2010. "It's a way to help students recapture the purpose and awe that they first felt when deciding to become physicians," he says. "It addresses the conflict that can arise between being an expert, a technician, a scientist—versus being a healer and a humanistic being."

S. Bruce Binder, M.D., associate professor and vice chair of family medicine and clinical curriculum coordinator, is the principal investigator on the HHS grant, and was among the first to attend The Healer's Art Faculty Development Workshop in California. The workshop

was an immersion experience, requiring participants to explore the themes and elements of The Healer's

**"It encourages them to look** at the altruistic reasons that made them come to medical school."

Art in a quite personal way. Dr. Binder sees many potential benefits for medical students. "It shows them faculty who are willing to be vulnerable and reflective about the meaning of medicine, and also that it's okay. It encourages them to look at the altruistic reasons that made them come to medical school. And those who have taken the course together may establish a supportive connection that lasts through medical school, or at least through the tough parts."

Evangeline Andarsio, M.D. ('84), clinical assistant professor of obstetrics and gynecology and of family medicine, became an instructor for The Healer's Art through a bit of serendipity: her niece, Andrea Gonzalez, M.D. ('05), heard about the planned course and mentioned that her aunt was a

veteran of several workshops. Dr. Andarsio was, in fact, already sharing her experiences with other Dayton area physicians by starting an outreach program in February

**"In the Healer's Art, the students experience what it's like** to be really listened to."



*"Grow into your ideals so that life cannot rob you of them."  
Albert Schweitzer (1875–1965)—Physician, philosopher,  
and recipient of the 1952 Nobel Peace Prize.  
Etching by Arthur William Heintzelman from the collections  
of the United States Library of Congress.*

2004 called Finding Meaning in Medicine. She believes The Healer's Art program is not only beneficial for medical students, but also for future patients. "In The Healer's Art, the students experience what it's like to be really listened to. And through that experience they learn reflective listening. You can be so present to your patients, because you yourself have experienced what it's like to really have been listened to."

Students come away with a greater regard for personal balance in their lives, and also a greater sense of meaning behind their commitment to medicine. And that, says Dr. Parmelee, is why he supports The Healer's Art. "My hope is that this will give them the tools they need to remain whole during medical school."

—Sue Rytel



# Lovin' the skin you are in...

**T**he body's largest organ, the skin, is an amazing structure. It protects our bodies from the sun, prevents fluid loss, helps regulate body temperature, provides safety from microorganisms and chemicals, contains the nerve cells responsible for the sense of touch, and makes us waterproof! Skin's complexity and disorders have fascinated physicians since ancient times.

Now the foci for physicians and researchers who specialize in dermatology include detecting diseases earlier, developing better insight into the causes and mechanisms of cancers, finding effective and efficient treatments for skin conditions, and understanding factors that influence treatment outcomes. The National Cancer Institute in the Na-

tional Institutes of Health maintains that cancers of the skin are the most commonly occurring cancers in the United States, and that skin cancer prevention can be as easy as reducing exposure to the sun and other sources of ultraviolet radiation and knowing your own specific risk factors.

Since 1985, volunteer dermatologists from around the country have provided free skin cancer screenings in their communities as part of the American Academy of Dermatology's National Melanoma/Skin Cancer Screening

program. Dayton area dermatologists, led by Julian J. Trevino, M.D. ('87), associate professor of dermatology, have held free, weeklong skin cancer screenings at venues around the Miami Valley each May. The annual event's goals are to promote early detection, teach prevention, and create better community awareness about skin cancers and skin-related issues. Through the years, community

support has come from the American Cancer Society and its state-wide call center, the Cancer Prevention Institute, Dayton Children's Medical Center, Dayton Veterans Affairs Medical Center, Good Samaritan Hospital, Grandview Hospital, Kettering Medical Center, Miami Valley Hospital, Wright State University, and Wright State Boonshoft School of Medicine.

This year, 594 skin screenings were performed during the event. As a result, 304 individuals were given recommendations for follow-up and 37 biopsies were performed. Twenty-two individuals had actinic keratosis, twelve had basal cell cancers, two had squamous cell cancers, and three had melanoma cases.

Michael P. Heffernan, M.D., the new Dermatology Division chief, residency program director, and associate professor of dermatology,



*Julian J. Trevino, M.D.,  
associate professor of  
dermatology*



*Dr. Matthew Bakos ('03), participated in the spring community-wide skin screening.*

says, "We are so grateful to all the dermatologists and volunteers from this region for their willingness to give their time to participate in such a great program, and also for Dr. Trevino's untiring leadership. There is nowhere else in the country where they are holding weeklong screenings. This is a unique program, and we should be very proud of that."

The division is also planning for new projects and expansion. Focusing on medical dermatology, the division has opened an infusion unit in its Elizabeth Place headquarters. This unit introduces medical solutions for the treatment of conditions such as psoriasis,

psoriatic arthritis, and autoimmune diseases of the skin.



*Michael P. Heffernan, M.D.,  
Dermatology Division Chief*

Division development also includes expanding therapeutic clinical trials and research in the Miami Valley. These will include research studies on common skin conditions such as acne or psoriasis, and also systemic consequences of dermatological disorders. Five trials have recently been approved, with more beginning soon. The division is the coordinating site for a four-center study on psoriasis and arthritis treatments that will run through Stanford, Wake Forest, Louisville, and Wright State. The division is also the coordinat-

ing site for a 15-center study for the treatment of severe lichen planus, a common rash.

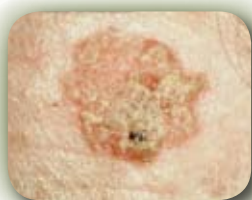
Three dermatopathologists, two dermatologic surgeons, a funded research fellow, a laser specialist, and James Nordland, M.D., a nationally recognized pigmentary specialist for disorders such as albinism and vitiligo, are voluntary faculty actively supporting the division. In addition, national recruitment for two full-time faculty members is now underway.

Since it was established in 1977, the Dermatology Residency Program has trained more than 60 residents, including Dr. Trevino and about one-third of Dayton's practicing dermatologists. Twenty-five percent of its graduates have completed fellowships in dermatologic surgery or dermatopathology, and are in practice around the nation.

"We have an obligation and a mission to serve and to take care of people who need help," says Dr. Heffernan. Through outreach, training, and research opportunities this busy division is helping people throughout the Miami Valley to take care of and love the skin they are in.

—Nancy Harker

**"We are so grateful to all the dermatologists and volunteers from this region for their willingness to give their time to participate in such a great program."**



*Actinic Keratosis*



*Basal Cell Carcinoma*



*Basal Cell Carcinoma*



*Squamous Cell Carcinoma*



*Malignant Melanoma*





## Faculty Profile: Lynn A. Crosby, M.D., F.A.C.S.

**A**n expert in shoulder reconstructive surgery and replacement, Dr. Crosby leads an expanding orthopaedic surgery department and active residency program. In early 2007, the department will move to new space—doubling its current size—at Miami Valley Hospital. “It is going to bring our academic commitment and our clinical commitment together for the first time,” he says. “We have always been separated on different floors throughout the hospital. We are really excited about bringing everyone together.”



*Dr. Crosby, a specialist in shoulder repair and reconstruction, in surgery. (Courtesy of Miami Valley Hospital)*

The department has recruited faculty who can provide in-depth expertise in eight basic subspecialties of orthopaedic surgery. “Recruitment of faculty was the largest hurdle we had,” continues Dr. Crosby. “Once we were able to do that, then we could increase the number of residents in the program. From an educational standpoint, we were able to redirect the program to a mentoring system. Now we have a service for each of the specialties and residents rotate through each of them.”

Professionally, Dr. Crosby has been active in multiple societies and associations. He is currently chair of the Exhibit Committee for the American Academy of Orthopaedic Surgeons’ annual conference. He is also a president-elect for the Mid-America Orthopaedic Association, which covers a 20-state region.

The author of several books, book chapters, and articles in his field of expertise, Dr. Crosby serves as North American editor for the *Journal of Shoulder and Elbow Surgery* as well as a reviewer for other professional publications. An avid reader as well, he is reading biographies of U.S. presidents and enjoys a good Western.

Dr. Crosby completed his undergraduate degree at the University of North Dakota and his M.D. degree at The Ohio State University. His residencies in general surgery and orthopaedic surgery were completed at Creighton University and the University of Nebraska. He completed traveling fellowships in the United States and Europe funded by the Mid-America Orthopaedic Association and the Clinical Orthopaedic Society.

Sports have always been an avocation for Dr. Crosby. He has been nationally ranked in tennis—ranking first in his age group in Tennessee and Nebraska. He has served as team physician for several schools, including Creighton University and Boys Town National Institute, and is becoming actively involved with Wright State’s athletic program.

A father of three, Dr. Crosby and his wife Sheila are hosting a Korean exchange student this year. The couple’s two younger children, adopted in infancy, are of Korean ancestry, and serving as a host family will be a way to share both heritages, he says.

—Judi Engle

## Faculty Profile: Dawn Wooley, Ph.D.

**D**awn Wooley, Ph.D., associate professor of virology in the Department of Neuroscience, Cell Biology, and Physiology and director of the Biosafety Level 3 Laboratory (BSL3), has been studying dangerous pathogens for most of her adult life. This fall, as the first scientist in Ohio designated as a Certified Biosafety Professional by the American Biological Safety Association, she's teaching others at Wright State how to safely work with biological hazards in a new class, Biological Safety.

"My goal is to train the next generation of scientists in biosafety," she says. "After 9/11, biosafety became a major issue. We need more scientists involved in bio-defense and facilities that can handle microorganisms, recombinant DNA, and infectious agents."

Dr. Wooley serves as the principal investigator for two projects using the BSL3 facility: a study of HIV-1 mutation rates and an effort to develop methods for detecting viruses with the potential to be used as weapons of mass destruction, especially hemorrhagic fever. She is also collaborating with researchers Dr. Saber Husain and Dr. Camilla Mauzy at the Air Force Research Laboratories, Wright-Patterson Air Force Base, on projects related to developing therapeutics and diagnostics against biodefense agents.

"My main research involves understanding the mechanisms of mutation of HIV-1." One of the reasons AIDS is so deadly, she explains, is that HIV has an extraordinarily high mutation rate. "A high degree of genetic variation is associated with HIV-1 during the course of infection. This variation enables the virus to escape the host immune response, use multiple cell surface proteins for viral entry, become more pathogenic, mount resistance to antiretroviral drugs, and prevent effective vaccination."

Dr. Wooley and Kelly Huang, Ph.D., a recent graduate of the Biomedical Sciences Ph.D. program, developed a prognostic test or assay to measure the mutation rate of HIV and determine the types of genetic alterations that occur. "Our test can isolate the virus and measure the rate at which HIV-1 is mutating at a given time in an infected individual. The new assay has many advantages over previous mutation rate assays and thus will be very useful in future studies on genetic variation of HIV-1."

*Dr. Wooley viewing cells using phase microscopy in the Biosafety Level 3 Laboratory.*



With a patent request pending for the assay, Dr. Wooley is conducting patient studies with Barry McCorkle, M.D., a clinical assistant professor of internal medicine and 1988 graduate of the Boonshoft School of Medicine, who specializes in treating people with HIV in Dayton.

"We're not at the stage of changing treatment based on test results," she says. "But our hope is that, down the line, the test could assist in making treatment decisions, especially for newly infected people and those who are changing drugs due to treatment failure."

Dr. Wooley earned her Ph.D. in virology at Harvard Medical School and was a postdoctoral fellow under Howard Temin, M.D., who won the Nobel Prize in Physiology or Medicine in 1975 for the discovery of reverse transcriptase, an enzyme that retroviruses like HIV use to replicate their genes in the DNA of a host cell.

*—Robin Suits*







## Student Profiles: Katherine and Ben Radcliffe



**T**hough Katherine and Ben Radcliffe use their passports frequently, they did not need them this summer. The Radcliffes, who entered the Class of 2009 as a married couple, spent two weeks at the Indian Health Services Hospital in Chinle, Arizona.

Ben and Katherine participated in clinical shadowing and observed the differences in medical care in a population with strong Navajo traditions. While spending a day with a public health nurse, Katherine traveled to remote areas of the reservation, which seemed to be a Third World country in comparison to Phoenix, only a six-hour drive away. Katherine vividly remembers an 80-year-old woman who still tended sheep and who lived without electricity and running water.

Working in underserved areas is not new to the Radcliffes. Ben grew up in Papua New Guinea, where his parents still serve as medical missionaries, and one or both have served in Sicily and Mexico. He met Katherine while both were students at Mount Vernon Nazarene University in Ohio. Their calling is to be medical missionaries to people in medically underserved areas, preferably outside the United States.

Katherine remembers her first visit to Papua. "There is a vast difference between need and resources," she says. "Medical resources are not available. I was impressed with the clinical and diagnostic skills of the physicians. They have no CAT scans, no MRIs, to help them diagnose. They are excellent physicians in every way."

When asked why he likes work in underserved areas, Ben says, "I love the medicine part and serving people through medicine." Katherine advises anyone interested in international medicine to experience it while in medical school. "The cultural experience will be amazing. It will give you an understanding of the differences in people and their ways." Ben is equally emphatic about international medicine. "Quit talking about it and just do it. You will never feel adequate for it. However, even as medical students you will be utilized and will learn skills you can use at home."

A willing attitude and a compassionate heart are all that is necessary to make a difference in medical missions, according to Ben and Katherine Radcliffe. "We live in a global environment, even here in the United States," says Ben. "International medicine gives students so many benefits!"

—Gwen Sloas



# Alumni

Save the Date!



BOONSHOFT SCHOOL of MEDICINE  
WRIGHT STATE UNIVERSITY

REUNION WEEKEND 2007

Celebrating the Classes of  
'82, '87, '92, '97, and '02  
July 20-22, 2007



## Reunion Weekend 2006

Medical school alumni from the Classes of '81, '86, '91, '96, and '01 celebrated their reunions in grand style over the weekend of July 14-16. Based in nearby Cincinnati, the event featured a riverboat cruise, a C.M.E. luncheon, a private dinner at the Newport Aquarium, and a day of family fun at Paramount's Kings Island. The Medical Alumni Association would like to thank the following alumni who volunteered their time and insights to plan the event:

### Class of 1981

Gregory A. Bergman, M.D.  
Frank A. Cebul, M.D.  
Sean R. Convery, M.D.  
Dean Imbrogno, M.D.  
Diane Imbrogno, M.D.  
Timothy D. Markus, M.D.

### Class of 1996

Janice M. Duke, M.D.  
Dana M. Frazer, M.D.  
Julie P. Gentile, M.D.  
Matthew E. Hardin, M.D.  
Lois A. Krousgrill, M.D.

### Class of 1986

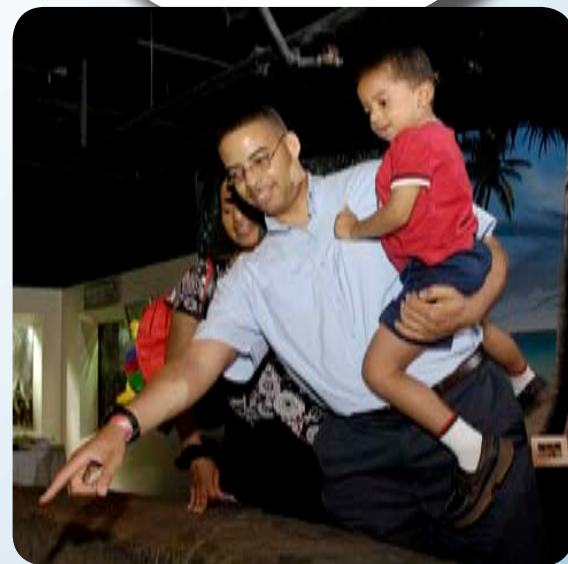
Derek K. Bair, M.D.  
Thomas E. Green, M.D.  
John T. Hanna, M.D.  
Justine S. McCarthy-Lenz, M.D.  
Margaret D. Neiheisel, M.D.  
John J. Wey, M.D.

### Class of 2001

Matthew E. Crowe, M.D.  
Laura E. Gottron, M.D.  
John N. Jewell, M.D.  
Prakash K. Pandalai, M.D.  
Mark R. Schloneger, M.D.  
Jennifer A. Schuster, M.D.  
E. Demond Scott, M.D.  
Phillip N. Simon, M.D.  
Brian A. Tobe, M.D.  
Jill S. Waibel, M.D.

### Class of 1991

Mark W. Browne, M.D.  
Angela C. Long-Prentice, M.D.  
Timothy S. Manuel, M.D.  
William R. Marriott, M.D.  
Kevin L. Sharrett, M.D.  
Christ J. Ticoras, M.D.





## 1980s

**Rob A. Mascia, M.D. ('80)**, was elected vice president of the Fairfield County Medical Association in May 2006. He practices with Brookfield Family Medicine, where he serves as the medical director. He is also executive director and chief of primary care for the Danbury Office of Physicians Services (a large multispecialty group practice in Danbury), and is director of health for the town of Brookfield. He lives in Brookfield, Connecticut, with his wife. The couple has a daughter and a son.

**Sean R. Convery, M.D. ('81)**, is the medical director of Miami Valley Hospital's Sports Medicine Center. In addition to treating athletes at the Sports Medicine Center, he has been team physician for the Kettering Fairmont High School athletic program for 20 years and serves as head team physician for the University of Dayton Flyers. He recently received the 2006 Team Physician of the Year Award from the Ohio Athletic Trainers Association.

**Mary M. Gorjanc, M.D. ('81)**, practices internal medicine at Southwest General Health Center in Middleburg Heights, Ohio. She is married to Anthony Sandora, a retired policeman.

*Two Boonshoft School of Medicine alumni were recognized by the WSU Alumni Association on May 26, 2006.*

*Alan McGee, M.D. ('82), (R) was awarded the Wright State University Athletics Alumni Award of Excellence, presented to alumni who have attained a significant level of achievement in their chosen field and have demonstrated a positive impact at either the local, state, and/or national/international level. Also recognized was Christopher Danis, M.D. ('82), (L) who received the Volunteer Service Award, presented to an alumnus whose time and talent has contributed to the progress and development of the Alumni Association and/or community.*



**Yutaka Kawase, M.D. ('81)**, is part owner of College Park Family Care, a seven-office multi-specialty practice with more than 50 providers. He and his wife Sue live in Overland Park, Kansas, and have five children: Jenna, 16; Kenon, 15; Kirsten, 13; Abigail, 11; and Joshua, 8.

**Christopher Danis, M.D. ('82)**, a board-certified hand surgeon, has been appointed chief of the medical staff for 2006-2008 at Miami Valley Hospital in Dayton.

**Douglas A. Hanzel, M.D. ('83)**, was named by *Golf Digest* as the "number 1 golfer doctor" on the magazine's Top 100 list. A pulmonary specialist in Savannah, Georgia, he has qualified eight times for the U.S. Amateur.

**Louis A. Cannon, M.D. ('84)**, is program director for the Northern Michigan Hospital Heart and Vascular Institute, where he is an internationally recognized expert on cardiac catheterization. Because of his skills, Cannon was sought in June 2006 by physicians at the Montreal Heart Institute in Canada, where a 12-year-old girl with Kawasaki's disease was being treated. Using an experimental device called the FlowCardia CROSSER, Dr. Cannon was able to clear a blockage in the arteries of the girl's heart.

**Karl M. Hagen, M.D. ('86)**, practices general surgery in Orlando, Florida. He and his wife Barbara have two children: Eric and Christopher, ages 9 and 7.

**Stephen L. Manchester, M.D. ('88)**, is currently working at Tenwek Mission Hospital in Kenya, East Africa, where he directs the hospice program, treats HIV patients, and works in various other areas, including inpatient pediatrics, medicine, emergency medicine, and outpatient services. The hospital trains medical students, clinical officers, medical officers, family practice residents, and others. He and his wife Theresa have three children: Nick, 12; Peter, 8; and Wil, 4.

## 1990s

**Leann T. Poston, M.D. ('90)**, was in private practice until 2003, when she started teaching anatomy and physiology and working with students with learning disabilities. She and her husband Howard, a Greene County, Ohio, administrator, have been married for 17 years. With two of their children having mitochondrial myopathy and requiring extra help with school, she has been able to balance her parenting responsibilities with her desire to stay in a science field. The couple has three children: Howard, Brittany, and Jonathan, ages 15, 13, and 11.

**Kurt B. Avery, M.D. ('91)**, practices family medicine at Sure Care Medical Center in Springboro, Ohio. He is also an assistant team physician for Springboro High School Varsity Sports and an assistant clinical professor at Wright State University. He and his wife Aimee, a CPA, have a 28-year-old son, Travis.

**Mark W. Browne, M.D. ('91)**, has been pursuing a career in medical management after practicing for a short time in a primary care practice. He is currently vice president of medical affairs for a regional medical center in western Kentucky. He and his wife Kathi have three children: Adam, 14; Aaron, 12; and Noah, 9.

**Mark A. Lake, M.D. ('96)**, practices general surgery with Sigma Medical Group in Lafayette, Indiana, where he lives with his wife Mary.

**Kristi Leindecker, M.D. ('96)**, specializes in family practice in Dover, Ohio. One of her professional highlights was a mission trip to Honduras. She and her husband Eric have three children: Laini, 10; Joy, 8; and Luke, 7.

**Jennifer L. Snyder, M.D. ('97)**, works for the Cleveland Clinic at Lakewood Hospital. Her family medicine practice includes obstetrics, which is a rare combination in her part of the state. She and her husband Larry Laird, a teacher, have two children: Jordan and Parker, ages 9 and 7.

**Kathleen A. Costlow, M.D. ('98)**, joined Pediatric and Adolescent Practitioners in Gahanna, Ohio, in 2002. She became a full partner in 2004. She and her husband James Horrell, who works in tech support, have two children: Aislinn, 2; and Lucy, 2 months.

**Mary K. Murray, M.D. ('98)**, recently joined the surgical staff of Akron General Hospital and will be specializing in breast surgical oncology. She completed a general surgery residency and breast surgical oncology fellowship, both at Akron General. Dr. Murray lives in Tallmadge, Ohio, with her husband Gregory Murray and two children, Victoria, 8; and Callie, 6.

**Melissa Jarboe Van Tassel, M.D. ('98)**, currently practices with Family Medical Associates, a 10-physician practice in Boulder County, Colorado. She specializes in family medicine and has a special interest in women's health procedures and adolescent medicine. She is married to Jim Van Tassel, an international technology sales representative. Last year, she completed a professional food and wine program for the home chef.

**Robert J. Colvin, M.D. ('99)**, practices emergency medicine at California Pacific Medical Center in San Francisco.

**Noah J. Jones, M.D. ('99)**, started his internal medicine training in 2002 and stayed for an additional year as chief medical resident at Case Western Reserve University/University Hospitals of Cleveland. While there, he received the Willard A. Bernbaum, M.D., Award for outstanding performance as a medical intern—the equivalent of an intern of the year award. He finished a cardiology fellowship at the University of Michigan in June 2006 and has entered a fourth year of fellowship in interventional cardiology.

**Margit S. Lister, M.D. ('99)**, coauthored an article in the *American Journal of Obstetrics and Gynecology*. She recently left private practice to pursue a career with Intermountain Health Care in Ogden, Utah. She and her husband Stephen have two children: Maddox and Brody, ages 3 and 2.

**Anthony Smith, M.D. ('99)**, recently joined the medical staff at Paragon Surgical Specialists in Concord, South Carolina. He completed a residency in general surgery at Mercy Hospital of Pittsburgh.

## 2000s

**Ramon Alvarez, M.D. ('02)**, joined the staff of the Dreyer Medical Clinic in Naperville, Illinois. He completed a residency at Loyola University Medical Center in Maywood.

**Shawn M. Howerton, M.D. ('02)**, and **Amy K. Straiko-Howerton, M.D. ('02)**, had their first child, Phoebe, in spring 2005. They now live in North Carolina and have their own rural family medicine office: Howerton Family Medicine. They practice the full scope of family medicine except for obstetrics. While in residency, Amy received the the 2004 AAFP/Bristol Myers Squibb Award for Excellence in Graduate Medical Education from the American Academy of Family Physicians.

**Kiva D. Iverson, M.D. ('01)**, is a resident in the Harbor-UCLA Medical Center Pathology Department. She and her husband Juan, a manager and senior appraiser, have two children: Nicholas, 4; and Kennedy, 2.

**Soo Lee, M.D. ('03)**, completed her family medicine residency and joined Cabarrus Family Medicine in Mount Pleasant, North Carolina.

**Matthew B. Pawlicki, M.D. ('01)**, practices family medicine in Chardon, Ohio. He and his wife Sarah live in Mayfield Heights.

**Sandra (Hervey) Schwab, M.D. ('00)**, received the Ken Graff Young Investigator Research Award in recognition of her clinical research in the field of pediatrics emergency medicine. She is a third-year fellow in pediatric emergency medicine at the Children's Hospital of Philadelphia and is pursuing an M.S. in clinical epidemiology at the University of Pennsylvania School of Medicine.

**Phillip N. Simon, M.D. ('01)**, practices with Polaris Parkway Internal Medicine and Pediatrics in Westerville, Ohio. He is also on the faculty at The Ohio State University College of Medicine and involved with the Columbus Internal Medicine/Pediatrics Residency Program. He and his wife Laura have one child, Daniel, 2.

**Kathleen M. Zielinski, M.D. ('01)**, practices with University Ophthalmology Associates Inc. in Cleveland, Ohio. She and her husband Scott Zielinski, DVM, have two children: Kelan and Hazel, ages 3 and 1.

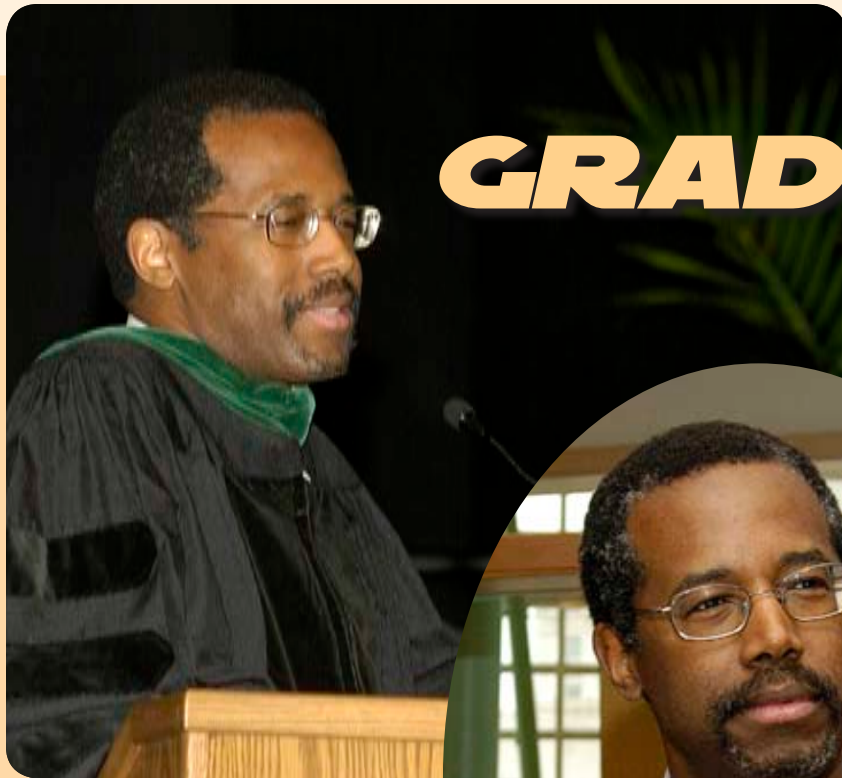
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year.



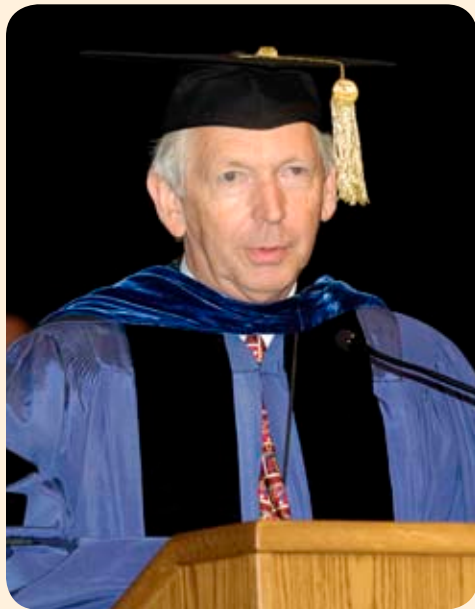
# GRADUATION 2006



*Dr. Benjamin Carson, the world-renowned neurosurgeon from Johns Hopkins, gave the commencement address and received a standing ovation for his poignant and thoughtful remarks.*



***Eighty-six graduates  
received their Doctor  
of Medicine degree  
at the Schuster  
Performing Arts  
Center in down-  
town Dayton in  
late May.***



*The Appreciation Award was given to Robert D. Reece, Ph.D., professor emeritus of community health, to recognize an individual or a community organization that has made a significant contribution to the class or to the medical school.*



*Gary LeRoy, M.D., presents the Association of Medical Colleges (AAMC) Humanism in Medicine Award to Alonzo Patterson III, M.D., clinical assistant professor of pediatrics.*



*Dr. Howard Part presents the Dean's Award to Thomas A. Coffelt. The award is given to a graduate who demonstrates a commitment to academic excellence, embodies empathy and compassion toward others, exemplifies personal integrity and professionalism, and has earned the respect and trust of classmates and faculty.*



*The Leonard Tow Humanism in Medicine Award for a student was presented to Crystal D. Hill. The Leonard Tow Humanism in Medicine Award for a faculty member was presented to Anne Marie Proulx, D.O., assistant professor of family medicine. The Teaching Excellence Award from the Class of 2006 was given to J. Michael Ballester, M.D., assistant professor of emergency medicine.*





# Of Primary Interest

## New Faces

### Michael D. Barnett Jr., M.D.

Assistant Professor,  
Orthopaedic Surgery  
**M.D.:** Wright State  
University School of  
Medicine

**Residency:** Akron  
General Medical  
Center (orthopaedic  
surgery)

**Fellowship:** Portland Orthopaedic  
Foot and Ankle Center



### Ryan S. Carvalho, M.D.



Assistant Professor,  
Pediatrics  
**M.D.:** Seth  
Gordhandas  
Sunderdas Medical  
College/King  
Edward Memorial  
Hospital

**Residency:** Brooklyn Hospital  
Center (pediatrics)

**Fellowship:** Johns Hopkins Hospital  
(gastroenterology and nutrition)

### Carmella D'Addezio, D.O.

Associate Professor, Internal  
Medicine

**D.O.:** Michigan State University  
College of Osteopathic Medicine

**Residency:** Saginaw Osteopathic  
Hospital (internal medicine)

**Fellowship:** Detroit Osteopathic  
Hospital (nephrology)

### Corey J. Ellis, M.D.

Assistant Professor,  
Orthopaedic Surgery  
**M.D.:** University of  
Cincinnati College of  
Medicine

**Residency:**  
University of  
Cincinnati (family medicine)

**Fellowship:** Cincinnati Children's  
Hospital Medical Center (primary  
care sports medicine)



## Faculty Notes

**William B. Albery, Ph.D.**, clinical associate professor of community health, received the Kent K. Gillingham award for his significant contribution in the fields of spatial disorientation and situational awareness related to flight.

**Robin E. Dodge, M.D.**, director of aerospace medicine and associate professor of community health, received the 2006 Theodore C. Lyster Award given in honor of the memory of the first Chief Surgeon, Aviation Section, United States Army Signal Corps. It is given annually for outstanding achievements in the general field of aerospace medicine.

**Francis S. "Ted" Knox III, Ph.D.**, adjunct associate professor of community health, received the John Paul Stapp Award to recognize his outstanding contributions in the field of aerospace biomechanics.



**Paul Koles, M.D.**, assistant professor of pathology and surgery, was recently honored by the Southwestern Ohio Council for Higher Education for "excellence in teaching and for many outstanding contributions made to student learning."

**Mary McCarthy, M.D.**, professor of surgery, chief of the Division of Trauma, and director of the Trauma Program at Miami Valley Hospital, received the Health Care Heroes Innovator Award, which honors a person or organization for a breakthrough in medical technology, research, or delivery. Health Care Heroes is an awards program sponsored by the *Dayton Business Journal*.



**Stanley R. Mohler, M.D.**, professor emeritus of community health, was presented the Marie Marvingt Award, given in memory of a pioneer French pilot and surgical nurse who helped develop air ambulance services. The award is presented annually to honor excellence and innovation in aerospace medicine. In addition, Dr. Mohler was one of seven to receive the prestigious Elder Statesman of Aviation Award from the National Aeronautic Association. The purpose of this award is to honor outstanding Americans, who, by their efforts over a period of years, have made contributions of significant value to aeronautics and have reflected credit upon America and themselves.

**Abdul Wase, M.D., F.A.C.P., F.A.C.C.**, associate clinical professor of medicine, received the Lifetime Achievement Award presented by His Excellency Dr. A.P.J. Abdul Kalam, president of the Government of India.





**Barbara L. Schuster, M.D.**, professor and chair of internal medicine, has been appointed president of the Association of Professors of Medicine (APM). The APM is the national organization of chairs of departments of internal medicine at the 125 U.S. medical schools. She is the first woman to be appointed president since APM's inception in 1954.

**Grant Shirley, M.D.**, resident instructor in aerospace medicine, received the American Red Cross Certificate of Merit, the highest award given to an individual who saves or sustains a life.



**Roger Siervogel, Ph.D.**, Fels Professor and Director of the Lifespan Health Research Center, received the Brage Golding Distinguished Professor of Research Award from Wright State University. The award, named after Wright State's first president, recognizes outstanding research activity by a faculty member.

### ***New Geriatrics Chair Is Named***

**Larry W. Lawhorne, M.D.**, has been appointed chair and professor of the Department of Geriatrics. He comes to Wright State from the College of Human Medicine at Michigan State University, where he was director of the Geriatric Education Center and professor of family medicine. He holds a B.A. and an M.D. from the University of Virginia and completed a family practice residency at the University of Iowa. Dr. Lawhorne also chaired the Michigan State Medical Society's Committee on Aging, and is a past president of the American Medical Directors Association, a national organization of physicians interested in improving health care in nursing homes. An outstanding educator, Dr. Lawhorne has received teacher of the year awards at every institution with which he has been affiliated, and he has been active in geriatric education and gerontology curriculum development. His research interests include recognition assessment, management of dementia in primary care settings, using telemedicine in nursing homes, and end-of-life issues. A prolific author, Dr. Lawhorne has published numerous articles in refereed journals, as well as serving on the editorial boards of the *Journal of the American Medical Directors Association*, *Caring for the Ages*, and *Long Term Links*.



### ***New Faces***

**Ashley K. Fernandes, M.D.**

Assistant Professor,  
Community Health

**M.D.:** The Ohio  
State University

**Residency:** Cardinal  
Glennon Children's  
Hospital (categorical  
pediatrics)



**Michael A. Herbenick, M.D.**

Assistant Professor,  
Orthopaedic Surgery  
**M.D.:** Wright State  
University School of  
Medicine

**Residency:** Wright  
State University  
School of Medicine

(orthopaedic surgery)

**Fellowship:** Kerlan-Jobe  
Orthopaedic Clinic (sports medicine)

**Michael K. Kaplon, M.D.**

Assistant Professor, Internal  
Medicine

**M.D.:** Vanderbilt University Medical  
School

**Residency:** Medical College of  
Wisconsin

**Fellowship:** Bowman Gray School  
of Medicine (hematology/oncology)

**Fellowship:** New England  
Deaconess Hospital (hematology)

**Geetika Kumar, M.D.**

Assistant Professor, Internal  
Medicine

**M.D.:** Indore University, M.P., India

**Residency:** Grant Hospital/Rush  
Presbyterian (internal medicine)

**Larry W. Lawhorne, M.D.**

Professor and Chair, Geriatrics

**M.D.:** University of Virginia

**Residency:** University of Iowa  
(family practice)



# Of Primary Interest

## New Faces

**Ronald J. Markert, Ph.D.**

Professor, Internal  
Medicine

**Ph.D.:** Michigan  
State University  
(educational  
psychology)



**James R. Ouellette, D.O.**

Assistant Professor,  
Surgery

**D.O.:** University  
of Health Sciences  
College of  
Osteopathic Medicine

**Residency:** Wright  
State University



School of Medicine

**Fellowship:** Cedars-Sinai Medical  
Center (surgical oncology)

**Teresa Pfaff-Amesse, M.D.**

Assistant Professor, Pathology

**M.D.:** University of Washington  
School of Medicine

**Residency:** University of Maryland  
School of Medicine (anatomic  
pathology)

**Fellowship:** Yale University  
School of Medicine (surgical and  
gynecologic pathology)

**Fellowship:** Johns Hopkins  
University School of Medicine  
(cardiovascular-respiratory  
transplantation pathology)

## New Center Established

Medical students and faculty at the Boonshoft School of Medicine will better understand the globalization of health care through a new Center for Global Health Systems, Management, and Policy, which will have both research and educational components. Recognizing that health care in the future will have some critical characteristics that are common around the globe, this program will seek to understand the processes of care being delivered throughout the world, to learn from others how to improve our own systems, and to help other countries improve the systems of care they deliver. Richard J. Schuster, M.D., M.M.M., will serve as the Oscar Boonshoft Chair and center director.

## Student Notes

**Mygleetus Wright, M.D.**, current student in the M.P.H. program, received first place at the state of Ohio Combined Public Health Conference for her research project.



*Each year faculty and students provide free physicals to kindergarten children who need them. Usually, there are many instances like this one, where the interaction becomes a learning and fun session for everyone involved.*

## Health Screening Event at Shiloh Church

Students from the Classes of 2008 and 2009 participated in a community health screening planned by POPmed—a medical student interest group focused on issues related to population based medicine and public health. The emphasis of the screening, called “Know Your Numbers,” was to help people know and understand what their blood pressure, blood glucose, cholesterol, body mass index (BMI), and risk of stroke are to provide some education regarding healthy lifestyle choices and how to reduce their risk of future cardiovascular disease. A second goal of the screening was to encourage participants to visit their physicians regularly and to highlight the importance of having a primary care doctor.





The Class of 2008 reaffirmed its dedication to the ethics and professionalism of medicine in a ceremony on July 19. Supported by the Arnold P. Gold Foundation, the Student Clinician's Ceremony celebrates the students' entry into the third year of medical school, a year of rotations through Dayton's "teaching community." Janice Duke, M.D. ('96), assistant professor of obstetrics and gynecology, was the keynote speaker for the event, and the Class of 2007 recognized their outstanding resident teachers. The following residents received Humanism and Excellence in Teaching Awards and will be inducted into the Gold Humanism Honor Society:

**Antoinette T. Burns, D.O.**  
Pediatrics Residency Program

**David A. Hart, M.D.**  
Psychiatry Residency Program

**Talieh Hendi, M.D.**  
Internal Medicine Residency Program

**Louisa L. Pecchioni, M.D.**  
Surgery Residency Program

**Erron L. Simmons, M.D.**  
Family Medicine Residency Program

**Ned L. Williams, D.O.**  
Obstetrics/Gynecology Residency Program

The following students and faculty member will also be inducted into the Gold Humanism Honor Society:

#### Students

Michele R. Arthurs  
James P. Brewer  
Stacey L. Brown  
Megan E. Brundrett  
Matthew D. Hess  
Matthew E. Kuestner  
Paul E. Lagler  
Kristen P. Massimino  
Shawn M. McFarland  
Kennon A. Miller  
Anthony M. Schlake  
Natalie Woods

#### Faculty

Anne Marie Proulx, D.O.

#### New Faces

**Stephanie A. Riolo, M.D., M.P.H.**



Assistant Professor,  
Psychiatry  
Assistant Professor,  
Pediatrics  
**M.D.:** Michigan State  
University College of  
Human Medicine  
**Residency:** Brown

University School of Medicine  
(pediatrics, child psychiatry, and adult psychiatry)

**Fellowship:** Klingenstein Third  
Generation Foundation (childhood  
and adolescent depression)

**L. Joseph Rubino III, M.D.**

Assistant Professor,  
Orthopaedic Surgery  
**M.D.:** Georgetown  
University

**Residency:** Wright  
State University  
School of Medicine

**Fellowship:**

University of Virginia (sports  
medicine)



**Timothy A. Shaw, J.D.**



Assistant Professor,  
Emergency Medicine  
**J.D.:** Ohio Northern  
University School of  
Law

**Roger A. Wood, M.D.**

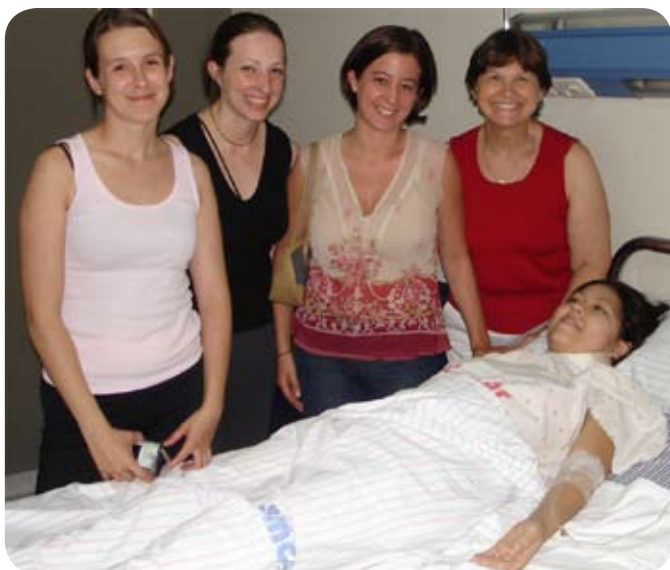
Assistant Professor,  
Internal Medicine  
**M.D.:** Uniformed  
Services University  
of the Health  
Sciences

**Residency:** Wilford  
Hall Medical Center  
(internal medicine)

**Fellowship:** Wilford Hall Medical  
Center (hematology/oncology  
fellowship)







*Dr. Janice Duke ('96) (Far R) led a one-month mission trip to Bolivia with students (L-R) Kara Denny, Laura Slivka, and Lindsay Warren from the Class of 2006. They donated blood to this 16-year-old patient, who has non-Hodgkin's lymphoma.*



*Wright State University Boonshoft School of Medicine welcomed 100 new students and their families during the students' first "Rite of Passage"—Convocation and the White Coat Ceremony. At the annual event, students take their first oath of professional medical ethics and receive the symbol of their profession—the white coat.*

## Advancement Notes

The Boonshoft School of Medicine received a grant from **The Kettering Fund** to advance an exciting new field of science—proteomics, the study of the intricate structure and function of thousands of proteins in cells and tissues. As part of The Kettering Fund's continuing effort to support medical research, the \$500,000 grant will provide new state-of-the-art instruments and software designed for proteomic analyses and will support, in part, personnel and pilot studies. Past giving from the Kettering Fund has been leveraged with state, federal, and private dollars and helped create four biomedical research centers of excellence at the Boonshoft School of Medicine. All of these initiatives have a heavy emphasis on multi-disciplinary research, and the proteomic research will follow the same strategy.

As part of this year's annual employee appeal, **Wright State Physicians, Inc.**, pledged \$55,000 to continue its long-time support of the Boonshoft School of Medicine. The gift is designated toward the African-American Alumni Scholarship and the Wright State Physicians Scholarship, established to provide financial support for medical students who have demonstrated leadership, made measurable contributions of community service, and have an exceptional record of academic achievement.

The **Levin Foundation** has provided a \$25,000 grant to develop a report based on observations of the Israeli Emergency Preparedness system by faculty on a recent trip to Israel. The report will examine how best practices abroad can be applied to both natural and man-made disasters here in the Dayton community. Much of the information gained also will have immediate benefit for the learning experiences of students in the newly created Global Health Systems program and the Emergency Preparedness Concentration in the Master of Public Health (MPH) program.

## In Memoriam

**Alan McKelvey, R.Ph.**, the university pharmacist since Wright State's pharmacy was founded in 1982, passed away this spring after a lengthy illness. He was a friend and advocate for faculty, staff, and students and willingly shared his expertise and knowledge with all. Alan had received the President's Award for Excellence from the university and was named the Pharmacist of the Year by the Miami Valley Pharmacy Association.

# Calendar

## **VA/Wright State University Recognition Program**

November 16, 2006

4:45 p.m.

Veterans Affairs Medical Center

Bldg 330, Room 1D-104

(Director's Conference Room)

For more information, contact: (937) 262-2165

## **Student Awards Ceremony**

November 21, 2006

5:00 p.m. Reception

5:30 p.m. Ceremony

E156 Student Union Multipurpose Room

For more information, contact: (937) 775-2934

## **Global Health Systems, Management, and Policy Conference**

"Eating Ourselves Sick:

The Health and Economic Challenges of Obesity"

February 21, 2007

Sinclair Ponitz Center

8:00 a.m.—3:30 p.m.

For more information, contact: (937) 258-5543

## **Match Day**

March 15, 2007

Noon

Medical Sciences Auditorium

For more information, contact: (937) 775-2934

## **Faculty Meeting**

May 17, 2007

4:30 p.m.

Location TBA

For more information, contact: (937) 775-3010

Hold the  
Date!

May 18,  
2007

## **Drive for a Difference Charity Golf Outing Beavercreek Golf Club**

May 18, 2007

11:30 a.m.

For more information, contact: (937) 775-2951

## **Medicine Ball**

May 23, 2007

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

6:30 p.m.

For more information, contact: (937) 775-2934

## **Reunion Weekend, celebrating the classes of '82, '87, '92, '97 and '02**

July 20–22, 2007

For more information, contact: (937) 775-2972

*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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