

# Cincinnati**Medicine**

UC COLLEGE OF MEDICINE | MEDICAL ALUMNI ASSOCIATION

2016

## Training Field

An opportunity in Tanzania broadens student perspectives on health and care





## Match Madness

During UC's Match Day in March, student names are drawn lottery style, to open their residency envelopes in front of classmates and friends and others watching by streaming video. Of the 171 College of Medicine students who matched, the most popular residencies were pediatrics (with 29 matched students), and internal medicine (with 28 matched students). Twenty students matched at University of Cincinnati Medical Center. #UCMatch2016

To read about three students from the Class of '16, turn to page 14.



## From THE DEAN

I have been fortunate to spend nearly my entire professional medical career associated with the University of Cincinnati College of Medicine. For the last 31 years I have been a proud faculty member, and have always kept the college's best interest at heart while serving as faculty, as the chair of biomedical engineering and as UC's vice president for research.

In November 2014, I was asked by UC President Santa Ono, PhD, to add some significant new responsibilities to my list of efforts: interim dean of the College of Medicine and senior vice president for health affairs. In April 2015, the Board of Trustees confirmed my permanent role as UC's senior vice president for health affairs and the Christian R. Holmes Professor and Dean of the College of Medicine.

I could not be more excited to accept these new opportunities. The reasons for this are many, some of them demonstrated in the articles in this edition of *Cincinnati Medicine*. We have much to be proud of in our college, yet we seldom take time to celebrate our faculty's successes.

Our faculty has outstanding educators such as Jason Blackard, PhD, who leads our global health initiatives, and Christopher Lewis, MD, whose Village Life project has brought much needed health care to villages in Tanzania while also offering our medical students a life-altering educational experience.

Researchers such as Sid Khosla, MD, bridge the talents between our College of Medicine and experts at the College of Engineering and Applied Science. His collaborations with aerospace engineers are helping to improve our understanding of voice disorders and support the rich vocal abilities of the Queen City and beyond.



These stories paint an impressive portrait of what a medical school with a long tradition of superb education, research and patient care brings to a community. It is **a college that makes a difference every day in people's lives.**

The College of Medicine has in some way played a part in the education of the majority of practicing physicians in the Greater Cincinnati area. We are reminded with each Match Day celebration of the new talent being unleashed into the healthcare world, with 44 (or 21 percent) of our graduates staying in Cincinnati, 28 of them for residencies within the UC College of Medicine serving UC Health or Cincinnati Children's Hospital Medical Center.

Declarations of confidence, admiration and respect from our community comes to us in the form of donations such as a recent \$14 million gift to help build a new neuroscience institute. The continuing efforts of talented alumni provide dedicated leadership to the community in their respective fields, and helps to validate that the College of Medicine is a valuable asset to this region.

Together, these stories paint an impressive portrait of what a medical school with a long tradition of superb education, research and patient care brings to a community. It is a college that makes a difference every day in people's lives. I am honored and humbled to have been asked to lead the College of Medicine and the Academic Health Center. I look forward to working with you to create a better quality of life for our community. ■

**William S. Ball, MD**  
Senior Vice President for Health Affairs  
Christian R. Holmes Professor and  
Dean, College of Medicine



# CincinnatiMedicine

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College of Medicine

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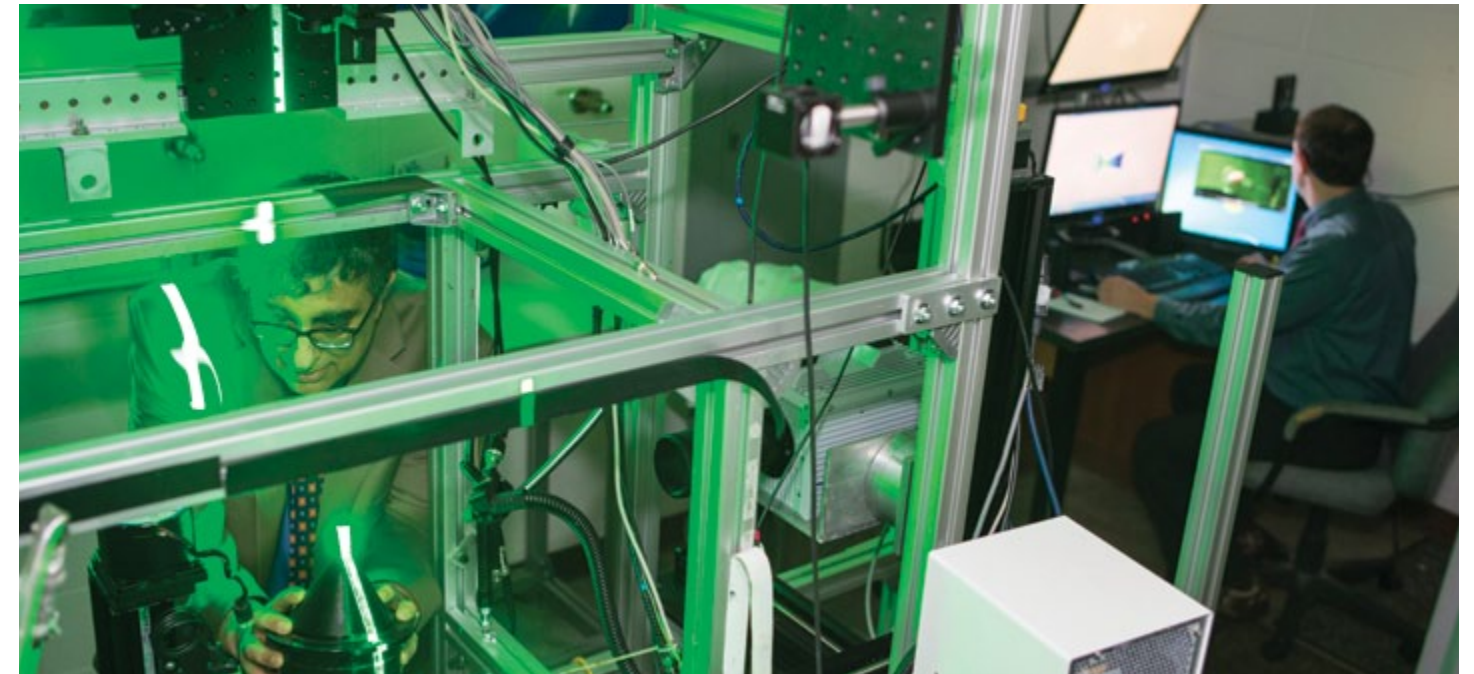
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Sid Khosla, MD (foreground) and colleague Liran Oren, PhD, both of the Department of Otolaryngology—Head and Neck Surgery Story: page 12.

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Malynda Messer has a passion for pediatrics, and says it couldn't have happened without the support of others.

ON THE COVER and left facing page: UC medical students on a service learning project in Tanzania shadowed at health clinics and spent time getting to know the village residents, during their Village Life Outreach program.

Photos by Kevin Blau



## Researchers Uncover Potential Diabetes Therapy

Type 1 diabetes can be treated with insulin, but research led by William Ridgway, MD, and reported in *Diabetes* could one day unlock the key to reversing



Ridgway

Brown Professor and director of the Division of Immunology, Allergy and Rheumatology, and a team of researchers uncovered a therapy that reverses new onset Type 1 diabetes in animal models. The research team also received a two-year NIH grant of \$434,000 from the National Institute of Allergy and Infectious Diseases associated

with the research.

In Type 1 diabetes, auto-immunity causes the body's T-cells to attack its insulin-producing beta cells. The UC team used an agonistic monoclonal antibody, UT18, to boost the activity of TLR4, a gene responsible for activating the innate immune system, and reverse new onset diabetes in a high percentage of newly diabetic non-obese animal models. Ridgway says the cause of the reversal is a preservation of the endocrine pancreatic beta cells that produce insulin. ■



## Bipolar Disorder Research to Look at Brain Imaging of Adolescents With ADHD

Researchers received a five-year, \$3.23 million grant from the National Institute of Mental Health (NIMH) to investigate brain changes in response to standard psychostimulant treatment in adolescents who are experiencing symptoms of attention deficit hyperactivity disorder (ADHD) and have a familial risk for developing bipolar disorder.

Melissa DelBello, MD, the Dr. Stanley and Mickey Kaplan Professor and Chair of the Department of Psychiatry and Behavioral Neuroscience and co-director of the Mood Disorders Center at the UC Neuroscience Institute, and Robert McNamara, PhD, professor in the



## NIH Grant to Advance Translational Research

A \$16.7 million grant from the National Institutes of Health (NIH) was awarded to UC to help the university continue to enhance its abilities in translating basic scientific discoveries from the laboratory bench to the patient's bedside.

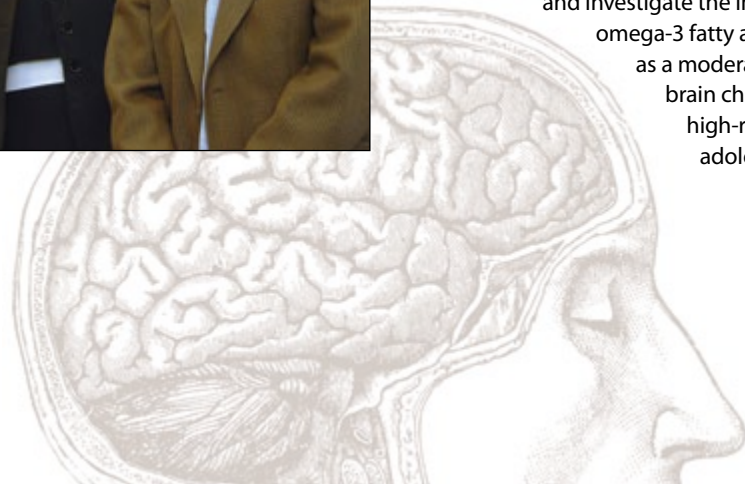
The four-year funding, awarded through the NIH's National Center for Advancing Translational Sciences (NCATS) Clinical and Translational Science Award (CTSA) program is being used to support programming within UC's Center for Clinical and Translational Science and Training (CCTST).

Established in 2005 as a collaborative effort among UC, Cincinnati Children's Hospital Medical Center, UC Medical Center and the Cincinnati Department of Veterans Affairs Medical Center, the CCTST is a research resource and "academic home" for clinical and translational scientists and programs. In 2009, it received a five-year award of nearly \$23 million from the NIH.

The CCTST provides consultation to investigators on research design and implementation, provides support for young investigators (faculty and fellows) in clinical and translational research through help in preparing career development awards and assists young faculty in careers in clinical and translational research, among other services. ■

department's Division of Bipolar Disorders Research and director of the Lipidomics Research Program, are co-principal investigators on the study and are working with Cincinnati Children's Jeff Epstein, PhD, who is also a faculty member within the department of pediatrics.

The research team is using magnetic resonance imaging brain scans taken at Cincinnati Children's to examine the effects of standard psychostimulant treatment for ADHD in high-risk adolescents and investigate the influence of omega-3 fatty acid in the body as a moderator of negative brain changes in high-risk ADHD adolescents. ■



## Studies of Migraine Headaches Reveal Ties to Asthma, Menopause

Vincent Martin, MD, helped shed light on two separate ties



Martin

impacted the sometimes debilitating condition.

In the first study, Martin, a professor in UC's Division of General Internal Medicine and co-director of the Headache

to migraine headaches with published research in *Headache* which showed how asthma and menopause

and Facial Pain Program at the UC Neuroscience Institute, and his team found that pre-existing asthma could be a strong predictor of future chronic migraine attacks in those who experience occasional migraine headaches.

Working with researchers at Montefiore Headache Center, the Albert Einstein College of Medicine and Vedanta Research, he studied about 4,500 individuals who experienced episodic migraine or fewer than 15 headaches per month in 2008 via the American Migraine Prevalence and Prevention

(AMPP) study. They found that after one year of follow-up, new onset chronic migraines developed in 5.4 percent of participants who also suffered from asthma and in 2.5 percent of individuals without asthma.

In a separate study, Martin and collaborators found that migraines worsen for women around the time of menopause by studying 3,664 women who experienced migraine before and during their menopausal years.

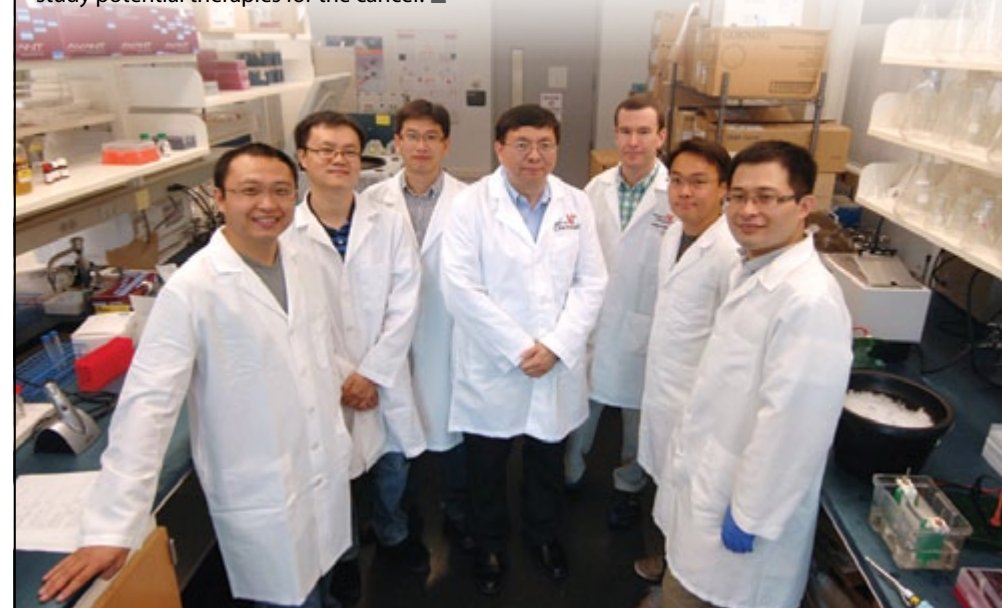
Just before women enter menopause—also known as perimenopause and a period

of irregular cycling—high frequency headaches increased by 60 percent. Changes in estrogen and progesterone are the most likely culprit. Meanwhile, those high frequency headaches also increased by 76 percent in women during menopause. However, researchers think that migraine strikes women harder during menopause because of medication overuse rather than as a result of hormonal changes. ■

## New Target Shows Promise in Therapies for Rare Blood Tumor

Cancer researchers at the University of Cincinnati found a new target that could lead to therapies for a rare type of tumor—angiosarcoma, or lymphangiosarcoma which is a malignant tumor of the blood or lymphatic vessels—and published this research in *Cancer Cell*.

Jun-Lin Guan, PhD (*below, center*), chair of the Department of Cancer Biology, and a team of researchers developed an animal model for the disease by controlling the activity of mTORC1—a multiprotein complex enzyme that coordinates many important cellular processes such as protein formation—to mimic features of human tumors including invasion of cells and spread. This will help researchers understand more about this cancer's development and help scientists further study potential therapies for the cancer. ■



## Endowment in Emergency Medicine Will Benefit Stroke Treatment

The Marge and Charles J. Schott Foundation gifted \$1.8 million to University of Cincinnati's Department of Emergency Medicine to establish the Mary Louise "Weezie" Bays Endowed Chair for Stroke Treatment and Prevention Fund. The fund supports research, educational and patient care efforts for stroke treatment and prevention.

UC's Department of Emergency Medicine contributed \$200,000 to raise the endowed chair fund to \$2 million. The Department of Emergency Medicine has been an independent academic unit within the UC College of Medicine since 1984 and is responsible for the medical direction of the University of Cincinnati Medical Center's Center for Emergency Care and the Emergency Medicine Residency Training Program. ■



A wide-angle photograph of a university commons area. In the foreground, a large crowd of people, many wearing red shirts, is gathered on a paved plaza. To the right, a large, multi-jet fountain sprays water. In the background, there are several large, multi-story brick buildings with many windows. The sky is blue with some clouds. The overall scene is bright and sunny.

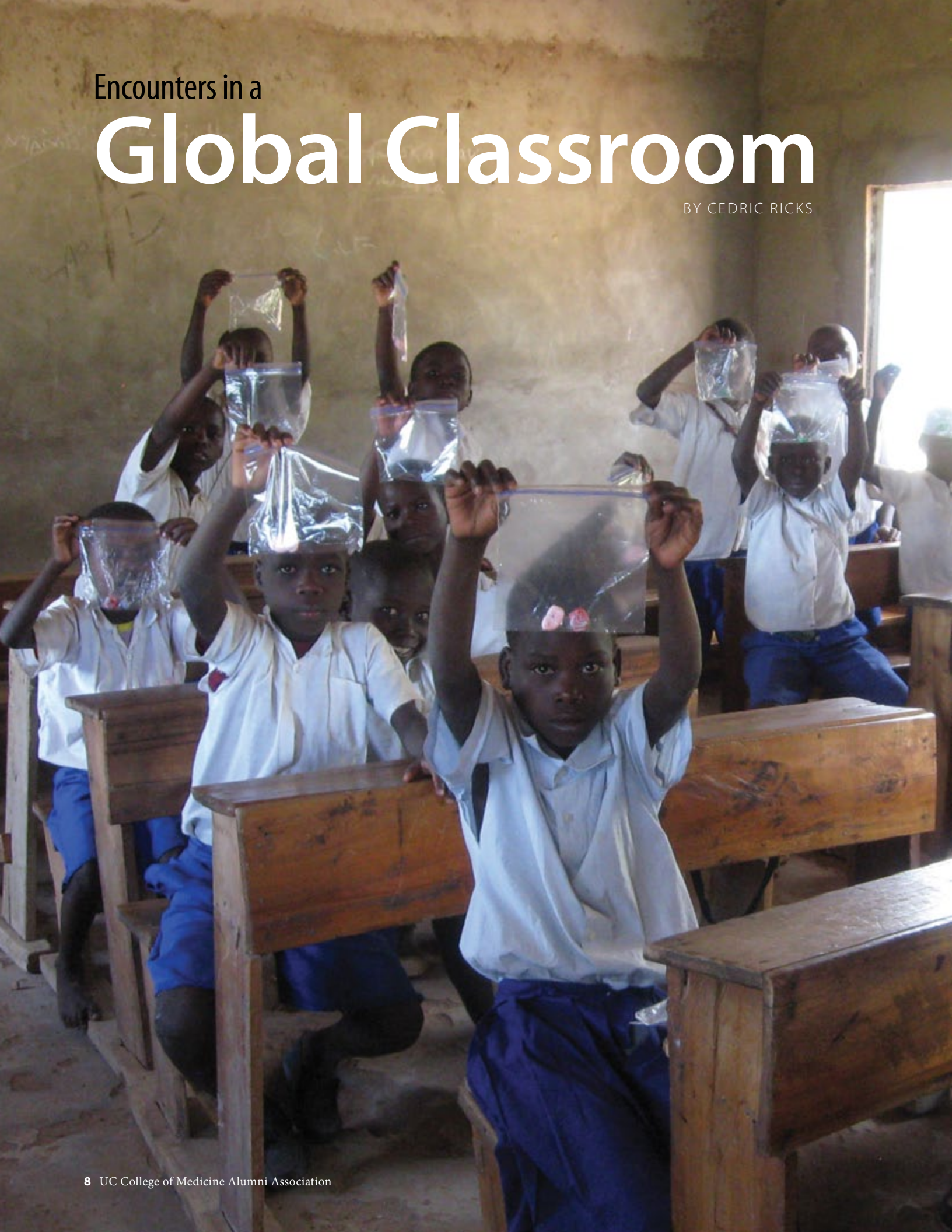
# An August New Year

Academic Health Center's "New Year's Eve" party at University Commons kicks off the fall semester on the medical campus. Among the crowd are students selected for the new undergraduate major at the College of Medicine, the bachelor of science in medical sciences. The program, launched in 2015, includes curriculum, research and experiential opportunities that anticipate the medical school experience. Medical and graduate students in the college serve as near peer mentors to the program participants. During an on-campus visit, AAMC President Darrell Kirch, MD, said of the program, "If I were entering college thinking about a future in a health profession, this UC program would have enormous appeal to me." Learn more at [med.uc.edu/medsciences](http://med.uc.edu/medsciences). ■



# Encounters in a Global Classroom

BY CEDRIC RICKS



By stepping out of the College of Medicine and teaming up with communities in rural Tanzania, medical students learn to appreciate how health is more than just treating the disease.

**S**ECOND-YEAR UC medical students Kevin Blau and Yasmany Cartaya visited northern Tanzania in July 2015 to shadow a local health clinic physician, help villagers battle schistosomiasis, a parasitic disease that lives in freshwater, and witness firsthand how culture is a determinant of healthcare.

Villagers in the Nyambogo district see nearby Lake Victoria as a lifeline that also presents some challenges.

“They not only need the water for obvious use—cooking and bathing—but they also make their livelihood from fishing,” says Cartaya. “With the villagers steadily going into the water they are at a higher risk of contracting schistosomiasis.”

The result can lead to malnutrition, learning difficulties and anemia in children along with liver, intestine and lung

damage in adults. Cartaya and Blau saw villagers suffering from splenomegaly, an enlarged spleen, and hepatomegaly, an enlarged liver.

“That’s something you would not see as often in the United States,” says Blau, referring to enlarged spleens and livers. “This allowed us to know not only what an abnormal physical exam finding looks like, feels like and what the patient looks like, but it also helps us know what is normal. It does really advance our skills and gives us an appreciation of what we are looking for.”

Blau and Cartaya and four other College of Medicine students were part of a team organized by Village Life Outreach Project, a Cincinnati-based non-profit founded by Christopher Lewis, MD (Med ’00), assistant dean for diversity

and inclusion and associate professor of family and community medicine. Lewis is also a UC Health Primary Care Network physician.

Village Life Outreach Project, now in its 12th year, was started by Lewis to promote life, health and education in sub-Saharan Africa and focuses on three villages in Tanzania—Burere, Roche and Nyambogo. Lewis founded the project shortly after completing an international health elective while a resident in the UC Family Medicine program.

It’s among the global health initiatives supported by faculty, staff and students at UC which provide the College of Medicine with a global presence, while still central to carrying out its mission of training the next generation of physicians by offering diverse learning opportunities.

“We don’t come into Tanzania and pretend to know all about the health factors and how to solve them,” explains Lewis. “We take the time to establish relationships and then we take a community-oriented approach so the community has buy-in and is involved. Our students offer their energy and passion in Tanzania, but they also learn and benefit from an incredibly vibrant Tanzanian people whose measure of wealth is how well one treats neighbors.”

Lewis says he and UC students work with a team of village health care volunteers, who evaluate and help implement all health care projects. “It’s not just treating disease, but looking at



Second year UC medical students (left to right): Dan Fogt, Joshua Bernstein, Kevin Blau, Yasmany Cartaya, David Lee



clean water, nutrition and hygiene. We look at the social determinants of health. Health goes beyond tackling disease. People may be healthy now, but if they aren't drinking clean water, they won't be for long," says Lewis.

Blau and Cartaya say among their challenges was the ongoing mission of continuously educating villagers about schistosomiasis, which can be treated, though villagers can be re-infected if precautions aren't taken. UC medical students visited different villages and spoke with residents about the disease through an interpreter, tested children for the disease and administered the medication praziquantel for treatment when needed.

The medical students were split into three teams that took turns providing



education about schistosomiasis, shadowed a local health clinic physician and also shadowed a surgeon in a hospital in Shirati, a town near the Kenyan border. The surgeries they witnessed were fast-paced and ran

the gamut of specialties with the single physician performing cesarean sections, hernia repair and prostate removal along with leg amputations. The experience made its impact on the students.

"Everyone just wants to have a good life and have good medical care and be treated with respect. You see people coming from so far away walking to these clinics just to have five minutes with a doctor. It was moving to me how incredibly difficult some of these patients' lives were but they were so resilient and happy to be there and appreciative of the care they receive."

Over the course of 12 years, the Village Life Outreach Project has led 20 service learning and volunteer trips to Tanzania involving not only the College of Medicine but also students, faculty and staff from the colleges of allied health sciences, nursing, pharmacy, and other areas across the university.

The project also involves the UC Honors program and UC International. Approximately 400 UC students and faculty have traveled to Tanzania with Village Life, and hundreds more have been involved with state-side work with the organization. What's learned globally is also brought back to Cincinnati through partnerships with local schools and organizations, with the aim of improving our own community and expanding the global awareness of our youth, explains Lewis.

"Our basic approach is assembling an interdisciplinary team and working with a community of 25,000 residents to fight poverty and affect change," Lewis says. "Our students at UC may change the world, but I would argue the experience in Tanzania has its greatest change on students themselves. They are honing their skills in their respective disciplines.

They get valuable medical training and education, but I argue the biggest lesson is the humanitarianism component of what it means to be caring for humans on a global scale." ■



**VILLAGE LIFE OUTREACH PROJECT**

... helped open the first health care center in Roche Village to provide basic health care to more than 20,000 villagers. The clinic was completed in 2011 and designed by students in the UC College of Design, Architecture, Art and Planning. ... established a bike program in Nyambogo village that has helped keep thousands of children in school. ... is responsible for a nutrition program in Roche. Started by a UC Allied Health Sciences student in 2008, the program feeds 1,200 schoolchildren daily. ... sets up annual field clinics designed to treat 1,000 people in two weeks. Advanced-year medical, nursing and pharmacy students from UC staff these clinics.

At Village Life's 10th anniversary celebration in 2014, UC Health announced a 5-year partnership and pledged a gift of \$1,050,000 to the organization. The funds, to be allocated over four years, support programmatic development and the continued construction and expansion of the Roche Health Center in Tanzania. For more about Village Life, visit [www.villagelifeoutreach.org](http://www.villagelifeoutreach.org).

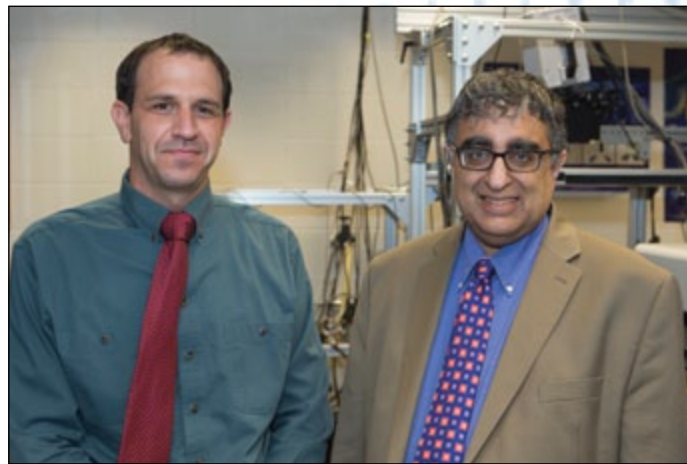
**LESSONS LEARNED** Yasmany Cartaya recounts learning the story of a pregnant woman who traveled from her village to the Roche clinic to see a physician. She made it to the clinic at 3 a.m., and went into labor which continued until her stunned physician arrived at 8 a.m. to open for the day. "The lengths people go through to get care is something we just shouldn't take for granted in this country," he says. Below: Health care center in Roche Village





# Of Vortices & Voices

BY KEITH HERRELL



Liran Oren, PhD (left), and Sid Khosla, MD

“We found that vortices are important . . . for reducing vocal fatigue in normal speakers and that they are reduced in unilateral paralysis. Also, we found that certain operations are better than others in terms of restoring the vortices.”

As a mechanical engineering major in college with a master’s in biomechanics, Sid Khosla, MD, followed an unusual path to medical school and his current position as an associate professor in the Department of Otolaryngology–Head and Neck Surgery, and a UC Health otolaryngologist. But his background has served him well as he explores the causes and treatments of voice disorders.

“I see my role in terms of my research as mostly a translator between what I know engineering can do and what I know the problems are in my medical field that are suitable to an engineering approach,”

Khosla says. “Some problems are suitable to molecular biology, but the ones we’re dealing with, because of my background, are suitable to engineering.”

Aerospace engineering, to be exact. One of Khosla’s many collaborations has been with Ephraim Gutmark, PhD, an aerospace engineer in the UC College of Engineering and Applied Science. Khosla, Gutmark and colleagues including Liran Oren, PhD, a research assistant professor in the otolaryngology department, were recently awarded the renewal of a five-year, \$2.5 million National Institutes of Health grant to study the workings of vortices, pockets of rotating air (think

smoke rings) near the vocal cords.

Thanks to past research, vortices were known to produce sound in jet engines and suction in tornadoes, but it wasn’t until Khosla and Gutmark developed a method to identify vortices in a larynx that they could measure the forces they produced.

In that research, the team brought in techniques Gutmark had used to study airflow inside jet engines, when the goal was reducing jet noise. Now, the purpose is to study how vortices are affected in certain voice pathologies.

“Normally when we talk, the vocal fold muscles bring the folds (cords) together and then air passing through the folds causes vibration which causes sound. If there are asymmetries, the voice is breathier, tires out easier (vocal fatigue) and is less intelligible.”

Specifically, they are looking at treatments for unilateral vocal cord paralysis, a condition where a vocal cord has lost its tone and doesn’t move.

“Often the paralyzed cord is in a position off midline,” Khosla says, “so there is a gap between the cords during phonation. This will lead to altered vibration of the paralyzed side or both sides. Altered vibration gives altered sound,” including a characteristic breathy voice.

“We found that vortices are important for a loud voice and for reducing vocal fatigue in normal speakers and that they are reduced in unilateral paralysis,” Khosla says. “Also, we found that certain operations are better than others in terms of restoring the vortices.”

“Previously, some people thought that

some operations were better but did not know why, so it was really just surgeon’s belief. Our new theories suggest when and why certain operations are better.”

Khosla points out that research in voice production is particularly important because most testing in a clinical setting

is done in a quiet environment—unlike real-world situations.

“Patients complain about stuff that we don’t really know about,” he says. “An operation may fix their voice somewhat, but they complain about vocal fatigue and not being understood in a noisy environ-

ment, like a restaurant.

“So our work in voice production allows us to analyze operations in terms of their success—like what operations produce the most vortices, and it allows us to measure things that have not previously been measured.” ■

**ASKED ABOUT HIS MUSICAL TALENTS**, Sid Khosla, MD, is characteristically modest.

“I am a very bad singer,” he says. “I’ve played a few instruments over the years—piano, clarinet, oboe and an Indian percussion instrument called the tabla.”

No matter. Khosla’s true value to the music community in Cincinnati and beyond rests with his enthusiastic support and collaboration with the Cincinnati Opera, and the 2012 Cincinnati World Choir Games. Khosla is a member of the board of trustees of the Cincinnati Opera and a driving force behind a collaboration announced in 2013, the UC Medical Center (UCMC) and Cincinnati Opera Voice Health Partnership.

The partnership has brought opera performances to the UC medical campus and made UCMC the official health and voice care provider of the Cincinnati Opera. UCMC providers also offer free screenings and voice education events for the Greater Cincinnati community.

In 2012, Khosla and colleagues at UC Health Otolaryngology served as voice health providers for the World Choir Games.

“I’ve always been interested in the health benefits of singing,”

For a  
Song

says Khosla. “Opera singers will say sometimes that they have a ‘more efficient’ voice—one that produces a loud sound with the least amount of trauma.” Khosla and researchers wondered if that was actually true, and wanted to put it to the test.

Khosla, along with Elliana Kirsh, a 2015 graduate of UC’s College-Conservatory of Music (CCM), “found quantitative evidence that opera singers are more efficient (same loudness with lower pressures produced by the lungs) and qualitative evidence that the vortices are stronger in the opera singers relative to musical theater singers. This goes along with the observation that musical theater singers have more injuries.”

While a student in the CCM undergraduate opera (voice) program, Kirsh took a course with Steven Cahn, PhD, associate professor of music theory at CCM, on the neuroscience of music where, Khosla says, “she was introduced to our symposiums and became interested enough to work in my lab,” eventually with her eye on going to medical school. Kirsh spent an additional two years at UC to earn a neuroscience degree, and is now enrolled at Harvard Medical School. Their findings on opera singers were recently published in *Journal of Voice*. ■



Above: Cincinnati Opera’s 2015 production of Puccini’s Turandot. Photo © Philip Groshong.

Background shows velocity vector data (magnitude corresponding to length and direction shown by the arrow) gathered and analyzed by Khosla and his team in researching the role of rotational motion (vortices) in voice production.



# The Road to Residency: *Oh, the People You'll Meet*

BY CEDRIC RICKS

**A**fter four years at the UC College of Medicine, and months of the interview process, these grads are ready for their road to residency. Find out who and what helped these three talented students to discover their field while studying at UC, and where they will spend the next three to five years honing their medical specialty.

## Many Passions, Picking One

For Candice Carpenter, 31, it's all about the brain. The California native, and the first in her family to attend college and medical school, felt a special calling to neurosurgery.

But while she first thought about becoming a doctor at just 8 years old, Carpenter's path to the UC College of Medicine included some meandering along the way.

"For a multitude of reasons, I ended up going to graduate school and putting medical school on the back burner," says Carpenter. "I had a lot of other passions and interests."

She completed her undergrad at Yale University, majoring in psychology and pre-med. She then went to graduate school at Harvard University and obtained

a master's in Mind, Brain and Education. Afterward, she worked for an educational consulting firm in Boston, part of a team of consultants who interviewed school officials and students.

"Every day I was talking to kids about their dreams and hopes and their aspirations, and it began to nag at me that I hadn't exactly fulfilled my own. It constantly kept resonating with me that I was not actually following what I wanted to do in life."

Carpenter decided to route back to medicine, and UC was one of the last places she interviewed.

"I literally set foot in UC's atrium and was enamored, because I am a big aesthetic person—the atrium, the study pods, the warm atmosphere.

"It was an intuitive decision and I definitely do not regret it. I think it was the right feeling and now I can say 'Yes this place has really supported me in everything I wanted to do and I have really

excelled at UC.' I've made great friends not only in the academic community but lifelong friendships in the surrounding medical community," says Carpenter.

## Problem Solving Bearcat

"I am a lifelong Bearcat," says Craig Hansen, 27, who received his undergraduate degree in engineering at UC. He says his time training as an engineer at UC really set the stage for a career in medicine. The problem-solving that's so intrinsic to engineering is also a key component in medicine. He witnessed that during his work with a transplant surgeon as an undergrad.

"I got to work on a project during my third year of engineering with a transplant surgeon here at UC," says Hansen. "We were designing a surgical device to assist him in doing liver transplants so we were working directly with him, and we got to

go in the operating room and watch him do procedures and that process really pushed me toward medicine.

"I already appreciated the biomedical research and I knew that medicine as I began to do things, hands-on, would be more and more fulfilling. I think that working with the surgeon directly, I saw how cool it would be if I was the physician helping these patients, and also managed to get some of these engineers to make really good products to help improve these people's lives," says Hansen.

*...Working with the surgeon directly, I saw how cool it would be if I was the physician helping these patients....*

## Finding a Specialty

Victoria Adegboye, a Nigerian immigrant who has lived in Columbus since she was 9, has been interested in medicine since junior high. "I remember we had a career day at our school where all these people came for a visit and one of them was a doctor. I always enjoyed giving back to the community through volunteering, and I also liked the challenging science and math classes in school; when I added these interests together, I got 'a physician,'" she says with a laugh.

"At first, I was not sure what I wanted to do in terms of a specialty," says Adegboye. "But during my third-year rotations, my friends recommended doing a two-week anesthesia elective because it was very hands-on, and I would be working with patients while doing procedures."

Adegboye worked closely with an attending physician and found that there was a lot of versatility in the field, which allowed her to work in an operating room, in the Surgical Intensive Care Unit, on the patient floors, and also in a clinic or pre-operative setting. "Anesthesiologists

are involved in many aspects of patient care in the hospital," she explains. "Their airway management skills make them vital during situations requiring resuscitation. I thought it was amazing that one specialty can do so many things."

Adegboye's parents, who are both registered nurses, encouraged her aspirations in medicine. Adegboye entered Ohio State University at age 17, majored in biology and decided to become a UC Bearcat after visiting the College of Medicine's Diversity Interview Day. "The faculty was very welcoming and encouraging. They made you feel like you were family and that you belonged at UC," says Adegboye. "I knew I had to come here." ■

*I thought it was amazing that one specialty can do so many things.*

*I was spending my time talking to kids about their dreams and aspirations and it began to nag at me that I hadn't exactly fulfilled my own.*

To read more, visit [med.uc.edu/publicrelations](http://med.uc.edu/publicrelations) and click on "Latest News."

**Candice Carpenter, MD (Med '16)**

Matched to neurosurgery at Ohio State University



**Craig Hansen, MD (Med '16)**

Matched to neurology at the University of Michigan



**Victoria Adegboye, MD (Med '16)**

Matched to anesthesiology at Ohio State University





# Alumnus Continues Family's Legacy

**Dan Lucas, MD (Med '83), was destined to attend the University of Cincinnati College of Medicine. And now he says it's his duty to give back to the school that means so much to his family.**

Lucas' great grandfather, Chaim Schulzinger, worked as a street peddler in Mount Adams, Cincinnati's first suburb, to help put his son, Morris Schulzinger, MD (Med '28), through UC's medical school. His paternal grandmother, Ruby Schaen, was in UC's first women's business co-operative education class. Unfortunately, she did not have the means to continue her education, but she made sure her children did.

At just 22 years of age, Lucas' father, the late Stanley Lucas, MD (Med '51),

The Lucas family has historical ties to the University of Cincinnati. Lucas' grandmother, Ruby Schaen, was one of the first female co-op students at UC.



(From left) Ruby Schaen, Helen Norris, Ruth McFarlan and Margaret Maynard.

graduated from UC's medical school. He would spend most of his 50-year medical career in Cincinnati, opening his first private practice in 1961 and maintaining it until his retirement in 1999. He was well recognized in the Cincinnati medical community, serving as president of the Cincinnati Academy of Medicine and the Ohio State Medical Association. He was also a fellow of the American College of Radiology and a Silver Medal Award winner from the Ohio chapter of the college.

Lucas' mother, Judy, is also well-regarded in the Cincinnati community. She received her master's degree in art education from UC in 1980 and helped catalogue UC's extensive art collection.

Their experiences inspired Lucas, who continued the tradition, graduating from the UC College of Medicine in 1983.

Now an accomplished radiologist living in Scottsdale, Arizona, Lucas wants to make sure the next generation has the same opportunity to attend UC.

"In today's world, personal sacrifices alone are not enough," Lucas said. "You can no longer fund your education as a street peddler."

Lucas recently donated \$50,000 to the UC College of Medicine to create a scholarship for students while honoring his parents and the family's extraordinary legacy at UC. The Dr. Stanley J. and Judith Lucas Scholarship will support a medical student with financial need from the Greater Cincinnati area.

"My father thought the practice of medicine was a noble profession, and he would not have wanted people to be discouraged from pursuing that path because of financial reasons," Lucas said. "We want the best and brightest to be able to go to medical school."

Today, the average medical school graduate at a public institution faces upwards of \$167,000 in debt upon graduation, according to an analysis of the class of 2014 by the Association of American Medical Colleges.

"I wish I had more to give, but any amount makes a difference," Lucas said.

He hopes students will be able to combine the scholarship with other sources of financial aid to cover the full cost of tuition.

"It's not the size of the scholarship that is important. It's about thinking of others with kindness and support," said Lucas' mother, Judy.

"I'd like to encourage other people of my generation to give," Lucas said. "You don't have to be a millionaire to make a difference in peoples' lives." ■

*Join Dan Lucas in supporting UC College of Medicine students by giving to the Dr. Stanley J. and Judy Lucas Scholarship Fund or the fund of your choice. **Every gift matters.***

*"My father thought the practice of medicine was a noble profession, and he would not have wanted people to be discouraged from pursuing that path because of financial reasons. We want the best and brightest to be able to go to medical school."*



Dan Lucas, MD (Med '83), with his mother, Judy Lucas, and a portrait of his late father, Stanley Lucas, MD (Med '51). Lucas honored his parents by establishing a scholarship fund in their names at the University of Cincinnati College of Medicine.

**"I'd like to encourage other people of my generation to give.**

**You don't have to be a millionaire  
to make a difference in peoples' lives."**

Dan Lucas, MD (Med '83)



# Distinguished Alumni

Each year the College of Medicine Alumni Association recognizes outstanding alumni through the **DISTINGUISHED ALUMNI AWARDS**.

The award recognizes MD graduates of the University of Cincinnati College of Medicine for achievements in the areas of basic research, education, clinical care, health service administration and public and/or civic duties. This year's winners—**John Lorenz, MD; Marvin Slepian, MD; and Richard Welling, MD**—were recognized at the 2016 Reunion, held April 14-16, 2016.



## JOHN LORENZ, MD

Since his days as a medical student at the University of Cincinnati, John (Jack) Lorenz, MD (Med '76), has seen many advances in treatment and technology which allow physicians to care for smaller and sicker infants in hospital neonatal intensive care units (NICU).

Neonatologists are often asked to provide exemplary care within the context of an ethical framework. Questions of what's right or wrong in medicine are never straightforward and as scientific discovery leads to more health care options, the pathway for physicians, hospitals and families becomes ever more complicated.

Lorenz has never shied away from navigating this trajectory during his 40-year career.

He's made biomedical ethics an important part of his work as a clinician and researcher. He's a member and former chair of the New York-Presbyterian

CONTINUED, NEXT PAGE, LEFT COLUMN



## MARVIN SLEPIAN, MD

Cardiologist and researcher Marvin Slepian, MD (Med '81), has enjoyed an extensive career leading to the development of innovative diagnostics and therapeutics for cardiovascular diseases. His work has focused on the development and use of biomaterials for tissue engineering, drug delivery and medical device development.

Slepian is named as an inventor on 52 issued patents and 46 patent applications and co-founded SynCardia Systems, manufacturer of the only total artificial heart approved by the U.S. Food and Drug Administration, Health Canada and the European Economic Area.

His lab has developed many novel diagnostics and therapeutics which have found their way into clinical use today including drug-eluting stent technologies, stent coatings, polymer paving, surgical anti-adhesive barriers, stretchable and

CONTINUED, NEXT PAGE, CENTER COLUMN



## RICHARD WELLING, MD

Fifty years after graduating from the College of Medicine, Richard Welling, MD (Med '66), still has a passion for medical education.

As a surgeon, educator and administrator, Welling has shaped the medical training of many medical students, residents and fellows serving Good Samaritan Hospital and TriHealth in Cincinnati. He's played a key role in helping to build excellent residency and fellowship programs, while working cooperatively with the University of Cincinnati. Medical students in the College of Medicine have benefited from Welling's willingness to coordinate medical student placements in TriHealth ambulatory sites in addition to the traditional clerkship settings.

Within the Accreditation Council for Graduate Medical Education (ACGME), Welling is held in high esteem. He served

CONTINUED, NEXT PAGE, RIGHT COLUMN

## JOHN LORENZ, MD (continued)

Morgan Stanley Children's Hospital Ethics Committee, a member of the Columbia University Medical Center Ethics Committee and a faculty associate in the Center for Bioethics at Columbia University.

Lorenz is currently a professor of pediatrics at the College of Physicians and Surgeons of Columbia University in New York and a senior attending physician in the Newborn Intensive Care Unit at the Morgan Stanley Children's Hospital. Clinically, his interests also include thermal management along with pre- and postoperative care of newborns with congenital heart disease.

His outcomes research focuses on quantifying the long-term outcomes of the extremely premature infant and exploring the effect of differences in the application of intensive care on these outcomes. Another focus is how varying methods of presenting relevant information to parents influences parental decisions regarding the initiation and continuation of intensive care.

Lorenz has also published, researched or offered expertise on developmental renal and fluid and electrolyte physiology, long-term newborn intensive care outcomes, and decision-making in the NICU.

Lorenz completed pediatric residency at Cincinnati Children's Hospital Medical Center, and neonatal-perinatal medicine fellowship at UC. He is board certified in pediatrics and neonatal-perinatal medicine. ■

## MARVIN SLEPIAN, MD (continued)

biodegradable electronics, synthetic tissue sealants, myocardial revascularization and cell delivery methods and cardiovascular prosthetic devices, including the total artificial heart.

*The New York Times* in a 1993 article featured Slepian's patented "paving polymer," describing it as a "biodegradable plastic substance with the consistency of smooth peanut butter—that can be used on the interior walls of damaged arteries or other tubular body parts." The paving polymer was considered a superior alternative to metal stents used in coronary arteries.

Slepian is currently professor of medicine, professor and associate department head of biomedical engineering and McGuire Scholar in Innovation and Entrepreneurship, all at the University of Arizona. He recently started the Arizona Center for Accelerated Biomedical Innovation (ACABI), which serves as a university-wide incubator for investigators to work with other experienced innovators to flesh out their ideas, consider next steps in the development of their technologies and access scientific and business resources to move those ideas forward.

In addition to SynCardia, Slepian has also been the founder of several other medical device companies including FOCAL, Endotex, Angiotrax, Hansen Medical, Arsenal, 480 BioMedical and MC10. Slepian is the author or coauthor of more than 250 articles, textbook chapters and abstracts, published in journals such as *Science*, *Science Reports*, *Nature Materials*, *PNAS*, *PLOSOne*, *Circulation* and *The New England Journal of Medicine* and serves on several editorial review boards.

He has received multiple awards for his academic and translational research activities including the American Heart Association award for the most signifi-

cant advance in cardiovascular medicine. Slepian is a fellow of the American Institute for Medical and Biological Engineering, and recently was elected a fellow of the National Academy of Inventors. He is the current president of the International Society for Rotary Blood Pumps. ■

## RICHARD WELLING, MD (continued)

as a member of the surgery residency review committee and is currently a site visitor for the clinical learning environment review program. In 2008, Welling received the ACGME's Parker Palmer Courage to Teach Award—the highest honor presented to a residency training program director.

Welling serves on several committees related to medical education within the American College of Surgeons and served 15 years as an examiner for the vascular board of the American Board of Surgery. At the local level, Welling has been the mainstay of medical education at Good Samaritan Hospital, serving in multiple leadership roles including chairman of the department of surgery, surgery residency and vascular fellowship director for 25 years, and vice president for academic affairs.

Welling has received the surgical teaching award no less than 10 times and in 2011, he was recognized by Good Samaritan Hospital with a Lifetime Teaching Award for his dedication to the residents, the training program and to the institution.

He spent six years as vice president of academic affairs for TriHealth and is currently a consultant with the health system. Welling has published more than 100 articles in scholarly journals, has authored two book chapters and made more than 170 scholarly presentations. ■





## Wellness That Comes from Within

### UC Center for Integrative Health and Wellness

BY ANGELA KOENIG

Integrative medicine is the practice of using non-invasive, low-cost strategies, such as nutrition, exercise and mindfulness, to optimize health and well-being, to prevent illness and to extend and maximize quality of life when disease is present.

Focused on promoting integrative medicine principles throughout the community, the University of Cincinnati Center for Integrative Health and Wellness (CIHW) formed in 2009. The Center works to engage members of all colleges and units across the university, along with its collaborative community partners, to develop robust integrative health and wellness initiatives and programs.

Their inaugural “Resolve to Get Healthy” event drew over 300 attendees who participated in demonstrations and lectures to understand the benefits of tai chi, yoga, mindfulness, food as medicine, acupuncture, massage therapy, meditation, stress reduction, a healing space and other topics.

“We wanted to create a day where community members could come at very low cost and really experience many of these therapies and healing traditions,” says Sian Cotton, PhD, executive director of the CIHW and a research associate professor in the UC

Department of Family and Community Medicine. “The community can enjoy our healing space, understand the therapeutic power of music through our drumming circle and personally experience the benefits of mindfulness.

“Mindfulness is an ancient practice that is an integral part of tai chi, yoga and meditation. It’s nothing fancy. It’s just paying attention to the present moment in a non-judgmental way with acceptance and awareness,” says Cotton. “It’s about bringing yourself into the present moment and not worrying about what’s coming next or what has happened in the past.”

“We are starting to utilize mindfulness in health care settings all around the country and the globe. It is increasingly used in major medical centers to address stress, pain and other chronic conditions.”

As much of the “Resolve to Get Healthy” event echoed, maintaining peace of mind in a super-charged world may be one of the hardest parts of healthy living.

The turnout for the event, to Cotton, “Reaffirms our growing wellness community in Cincinnati.” ■

## Donors Help Medical Student Realize Dreams

If she hadn’t chosen to pursue a career in medicine, Malynda Messer says she would have become a teacher. But she still plans to have a big impact in the lives of children—and has already taken steps toward that goal as a student at UC’s College of Medicine.

Her decision to care for young patients may not have been possible without the generosity of alumni, faculty, staff and friends—who supported her vision through their donations to a scholarship fund to help defray the cost of her education.

“Going to medical school at UC has been an amazing experience so far—but medical school is often one of the most expensive career tracks to enter. Getting a scholarship has been a life-saver, because I’m able to concentrate on the work in front of me without worrying about the debt I’ll carry into the future. It has also meant that I don’t have to take the largest class load possible in order to graduate sooner.”

That’s a good thing—especially when considering Messer’s typical class schedule involves 20 to 25 hours of classroom instruction—and five hours of studying each night.

“It can be a stressful experience, because there’s always something you could be doing to make sure you have a grasp on the material. So even on the weekends I’m devoting as much time as I possibly can. I usually only get a few hours to myself so I try to make the most of it. My friends have more or less given up making plans with me during the school year.”

Messer’s path to medical school evolved through a variety of experiences.

“It may sound like an overstatement, but I really don’t know where I’d be without the scholarship support I received.”

Malynda Messer

She originally committed to Ohio State before a campus visit and the sense of connectivity made her reconsider and go to UC. She also started out in pre-nursing—but a summer research opportunity at Cincinnati Children’s drove her to switch to a biology and chemistry focus to prepare for a career in medicine.

“My goal is to pursue pediatric orthopaedics or pediatric surgery. It means a lot to help kids who have their full lives in front of them, and making sure they can pursue their interests and just be a kid.”

In addition to alleviating her financial concerns, the scholarships Messer received throughout her time at UC also supported her involvement on campus and in her college.

“One of my favorite out-of-classroom experiences was working as a supplemental instruction leader, which meant I

worked with students in coordination with their professors to ensure they had a good grasp on what was taking place in class. Gaining this experience made me realize that I did have a passion for teaching, a passion I can hopefully put to use in the medical field as well.”

As she works toward a graduation date of 2018, Messer is deeply grateful to those who made it possible to achieve her dreams.

“It may sound like an overstatement, but I really don’t know where I’d be without the scholarship support I received. I want to thank all of our donors and supporters for making it possible for me to attend medical school. It’s a lot of work—but the most important things in life usually are.”

“Thank you for supporting me and students like me through your generosity.” ■



## Lupus Expert Evelyn Hess, MD, Passes Away at Age 90

Evelyn Hess, MD, an internationally known pioneer at the University of Cincinnati in studying and treating diseases of the immune system including AIDS and lupus, died Christmas Day 2015 in Cincinnati. She was 90.

Hess, professor emerita of internal medicine and founder of the College of Medicine's Division of Immunology, Rheumatology and Allergy, achieved international renown for a distinguished research career focused across the broad spectrum of immunological and rheumatic diseases, with particular expertise in lupus. Her trailblazing work on the environmental aspects of lupus advanced this area of investigation. She was equally known as a compassionate clinician and extraordinary teacher. Widely respected as "the doctor's doctor," her contributions to the well-being of patients and the community have been recognized throughout the world.

A native of Ireland, Hess received her medical degree from University College in Dublin. She completed internships and residencies in various London teaching hospitals and had a research fellowship in the epidemiology of tuberculosis. She completed rheumatology fellowships at the Royal Free Hospital and Medical School and the University of Texas Southwestern Medical School.

In 1964, Hess was recruited to UC to become division head, a position she held until 1995. From 1969 until 1995 she also held the Walter A. & George McDonald Foundation Chair of Medicine. During her tenure, she built a division which combined the disciplines of rheumatology and allergy based upon their common immunological underpinnings and created a unit which excelled in research, teaching and clinical care. One of her proudest accomplishments was the training and mentoring of over 70



She was equally known as a compassionate clinician and extraordinary teacher. Widely respected as "the doctor's doctor," her contributions to the well-being of patients and the community have been recognized throughout the world.

rheumatology fellows who went on to successful careers in academia, clinical practice and the pharmaceutical industry.

Hess received a multitude of professional honors during her distinguished career, including a Daniel Drake Medal in 2001 and the Distinguished Rheumatologist Award from the American College of Rheumatology in 1996, and Cincinnati Enquirer Woman of the Year in 1999. Hess also was a Master of both the American College of Rheumatology and the American College of Physicians, and was a Fellow of the American Association for the Advancement of Science, the American Academy of Allergy and Immunology and the Royal Society of Medicine.

The Evelyn V. Hess Chair for Lupus Research was established at the UC

College of Medicine in 2009 in Hess' honor. In 2007, the Ohio Chapter of the American College of Physicians began awarding the Evelyn V. Hess Master Teacher Award to physician teachers. The Lupus Foundation of America in 2005 established the Evelyn V. Hess MD, Research Award. Presented at the American College of Rheumatology annual meeting each year, the award honors researchers whose life's work has significantly advanced understanding of the causes and treatment of lupus.

Hess was one of the founding members of the American Rheumatism Medical Information System (ARAMIS), the first organization to create and successfully utilize a multinational, computerized database of patients with rheumatic diseases; she remained on its steering committee for more than three decades. She was instrumental in passing the Ohio Arthritis Act, which specifically funded patient education and supported fellowship training statewide. Additionally, she founded and chaired the Greater Cincinnati AIDS Task Force, before the realization that AIDS was actually an infectious disease, because she felt there was a need to organize to effectively combat this devastating disease.

Sandra Raymond, president and CEO of the Lupus Foundation of America, praised Hess' contribution to lupus research and care. "Dr. Hess was a leader among leaders. She was a major contributor to the body of knowledge about the causes of lupus, as well as a mentor and inspiration to many in the field whose work today is helping to advance the science and medicine of lupus. All of us owe Dr. Hess a great deal of gratitude for her tireless efforts." ■

Exciting news or appointments to share? Submit your updates today at [med.uc.edu/alumni/updateinfo](http://med.uc.edu/alumni/updateinfo)

### 1970s

#### Kathleen Jagger, PhD '79

Named vice president of academic affairs and dean of Thomas More College

#### Frank Woodside III, MD, JD '73

Included in *Best Lawyers in America*

### 1980s

#### Charles Burke III, MD '81

Received the USA Hockey's Excellence in Safety Award

#### Jan Carney, MD '81

Published second book *Controversies in Public Health and Health Policy*

#### R. Clement Darling III, MD '84

Elected vice president of the Society for Vascular Surgery

#### Josiane Faublas, MD '80

Received the Sunshine Health Physician Summit Award

#### Carlos Pato, MD '83

Named dean of SUNY Downstate medical school

#### William Schwieterman, MD '84

Appointed as president and chief executive officer of OxiGENE, Inc.

#### John Sontich, MD '87

Named chief of University Hospitals Case Medical Center's division of orthopedic trauma and post-traumatic reconstruction

#### Patricia Wade Williams, MD '84

Appointed to the board of directors for Auburn National Bancorporation, Inc.

### 1990s

#### Patrick Goggin, MD '98

Named chief of staff at Southeastern Med in Cambridge, Ohio

#### Donald Hilty, MD '91

Named program director at Kaweah Delta Healthcare for the psychiatry residency program

#### Sean Lyden, MD '93

Named chairman of the Department of Vascular Surgery at Cleveland Clinic

#### Eric Warm, MD '93

Received the Accreditation Council for Graduate Medical Education's (ACGME) Parker J. Palmer Courage to Teach Award

### 2000s

#### Ryan Bayko, MD '06

Joined Fairfield Road Physician Offices

#### Elizabeth Dunlaney-Cripe, MD '09

Joined Archbold Memorial Hospital

#### Brian Henry, MD '08

Joined University of Vermont Health Network

#### Michael Holbert, MD '05

Named director for Obstetrics and Gynecology Residency Program at TriHealth

#### Patrick Jones, MD '09

Joined Bronson Pediatric Gastroenterology

#### Jonathan Kaper, MD '01

Appointed as chief medical officer at Beaumont Hospital

### 2010s

#### Katherine Lee, MD '11

Named chief resident, child and adolescent psychiatry, at Cincinnati Children's Hospital Medical Center

#### Nathan Lewandowski, MD '11

Received the chief resident, Resident Teaching Award at Ohio State University

#### Samuel Schechtman, MD '11

Joining the anesthesiology faculty group at the University of Michigan Health System ■

## Save the Date

# Reunion 2017

April 20-22, 2017





## IN MEMORIAM

The following alumni of the College of Medicine passed away between January 1, 2015 and June 1, 2016.

### CLASS

**1941** Melvin B. Fishman, MD

**1942** Constantine R. Bricca Jr., MD  
Ling G. Wong, MD

**1945** L. Elizabeth Beekley-Brodman, MD  
John E. Mason, MD  
Roland V. Murphy, MD

**1946** Margaret A. Halle, MD  
Richard J. Neubauer, MD  
George E. Schafer, MD

**1947** Harry J. Bingham, MD  
Walter B. Rugh, MD

**1948** W. Morse Hicks Jr., MD  
Raymond L. Pfister, MD  
Edward S. Strasser Jr., MD  
John C. Willke, MD

**1949** Besse-Lee Allnut, MD  
Laurence L. Essig, MD  
Thomas H. Greiwe, MD  
Nickolas Nickou, MD  
James E. Williams, MD

**1950** Mary A. Agna, MD  
Gwendolyn L. Scott, MD

**1951** Richard H. Howell, MD  
John B. Sawyer Jr., MD

**1953** Frank E. Ellis, MD  
James W. Goettle, MD  
Donald J. Heimbrock, MD  
Frank LaCamera Jr., MD  
Frank E. VonHolle, MD  
Robert V. Wade, MD

### CLASS

**1954** R. Stuart Kravetz, MD  
Paul D. Mabie, MD  
Charles R. Perry, MD

**1955** Robert C. Lanzer, MD  
John W. McConnell, MD  
Thomas B. Williard, MD  
Karl Ziesmann, MD

**1956** James R. Carr, MD  
William E. Ferris, MD  
Roy A. Wildey, MD  
John C. Holmes, MD

**1957** Newton B. White, MD

**1958** John C. Damron, MD  
William S. Michael, MD  
Gerald A. Rosenberger, MD

**1959** Richard L. Dobbins, MD  
David E. Wade, MD

**1960** Theodore L. Johnson, MD  
Donald M. Patchin, MD  
Myron T. Potter II, MD  
James W. Ratcliff, MD

**1961** Sol Barnett, MD  
John E. Doan, MD  
George L. Foster, MD  
Clark E. Gable, MD  
Louis L. Kahle, MD

**1962** Edward L. Gunderson, MD  
Stanley J. Wacksman, MD  
Dale R. Wiethe, MD

**1963** Carl T. Boylen, MD  
Robert J. Hasl, MD  
Ronald S. Speigle, MD  
Jon C. Vessely, MD

### CLASS

**1964** Douglas P. Longenecker, MD  
William J. Lundy, MD  
John A. Smith, MD

**1966** Ralph T. Mitarai, MD  
Arthur I. Richards, MD  
Theodore R. Robinson, MD

**1968** Roy L. Kroovand, MD  
John H. Tinker, MD  
Richard J. Wolf, MD

**1971** Joel A. Streng, MD

**1972** Errol J. Stern, MD

**1973** Jonathan H. Head, MD

**1974** Richard L. Gajdosik, MS  
Alan M. Solinger, MD  
Marvin W. Tabor, PhD

**1975** Galen E. Castle, MS

**1978** Timothy M. Hosea, MD

**1979** David H. Humphreys, MD  
Dalton H. Lowe, MD  
Michael D. Wood, MD

**1980** Axel H. Heimer Jr., MD  
Marvin S. Melzer, PhD

**1981** Mark D. Hilz, MD  
Thomas O. Murray, MS

**1982** Bryan G. Del Monte, MS

**1983** Peter Orobello Jr., MD

**1984** Charles J. Riedel, MD

**1987** Laura R. Viehmann, MD

**2008** Shelia Salisbury, PhD



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First-year medical student Mahima Venkatesh helps her mentee, Rayonna, with her new laptop.

**DESPITE THEIR DEMANDING STUDIES**, more than 200 medical students participate as Med Mentors, a mentoring program of the Cincinnati Youth Collaborative that pairs UC College of Medicine students with children in Cincinnati Public Schools. This year Charles Cavallo, MD (Med '99), president of the Med Mentors advisory board announced funding for 30 laptop computers to allow mentors to work on educational programming with their mentees. In addition to academic engagement, mentors also join their mentees on activities like visits to museums, the zoo and art functions. Founded 15 years ago by emerita faculty member Wan Lim, PhD, the program has served more than 1,500 students. ■