

Elevating Care, Embracing Community





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A Year in Review

56 peer-reviewed publications

4 new geriatricians in the Center for Geriatric Medicine and Palliative Care

2 new endowed chairs

10 -year accreditation from the Accreditation Council of Graduate Medical Education

21 physicians recognized as Best Doctors in America®

40 research grants

\$1.8 million in 2012-2013 NIH funding

12 in U.S. News & World Report for Family Medicine ranking

Among the nation's leading academic medical centers, University Hospitals Case Medical Center is the primary affiliate of Case Western Reserve University School of Medicine, a nationally recognized leader in medical research and education.

Greetings from the Chair



Two new endowed chairs... a prestigious national teaching honor for one of our faculty... new innovative research projects... and more students choosing family medicine residencies...

I am proud to share these events that have highlighted an outstanding academic year for the Department of Family Medicine and Community Health.

News of an endowed chair is an honor in any department, but two new chairs in the same year is inspiring.

I want to personally thank Kent Smith, MD, and Patricia Moore, MD, for establishing the Professorship in Medical Student Education in Family Medicine and Community Health. This new professorship will support medical student education in a time when primary care is becoming even more critically important to health care in the United States.

In addition, my heartfelt appreciation goes to Ann and Anthony Asher who have established the Ann S. & Anthony J. Asher Chair in Family Medicine and Community Health dedicated to enhancing the education of primary care physicians working in global health.

Masahiro Morikawa, MD, director of the Global Health Track, is the inaugural Asher chair. In fact, this is only one of two esteemed honors for Dr. Morikawa this year. He also received the American

Academy of Family Physicians' Full-Time Faculty Exemplary Teaching Award for 2012. This exclusive national award recognizes Dr. Morikawa's exemplary skills and innovative teaching style.

Our Research Division received 13 new grants this year, including two competitive grants from the Patient-Centered Outcomes Research Institute (PCORI) awarded to Kurt Stange, MD, PhD. In both grants, Dr. Stange and his team will develop computer simulation models to better understand the interaction of factors that can impact and improve health – at both an individual patient level, as well as in primary care practice.

Finally, I am happy to report that our residency program earned a 10-year accreditation from the Accreditation Council of Graduate Medical Education. Next year, we are expanding our residency program. And, along with those great achievements, we are excited that more of our CWRU medical students are choosing Family Medicine as a career choice.

Through philanthropic gifts, innovative education, and leading-edge research, we continue to work toward improving the health of individuals, families and communities.

Please enjoy reading about our accomplishments this year, and thank you for your continued support.

George Kikano, MD

Dorothy Jones Weatherhead Professor and Chairman
Department of Family Medicine and Community Health
Case Western Reserve University/University Hospitals Case Medical Center
Director, Weatherhead Institute of Family Medicine and Community Health
Vice Dean for Community Health, School of Medicine, Case Western Reserve University
The Department of Family Medicine and Community Health

U.S. News & World Report Best Grad Schools Top Medical Schools

Specialty—Family Medicine

- 1 University of Washington | Seattle, WA
- 2 University of North Carolina—Chapel Hill | Chapel Hill, NC
- 3 University of Colorado—Denver | Aurora, CO
- 4 University of California—San Francisco | San Francisco, CA
- 5 Oregon Health and Science University | Portland, OR
- 6 University of Wisconsin—Madison | Madison, WI
- 7 University of New Mexico | Albuquerque, NM
- 8 Duke University | Durham, NC
- 8 University of Michigan—Ann Arbor | Ann Arbor, MI
- 10 University of Minnesota | Minneapolis, MN
- 10 University of Missouri | Columbia, MO
- 12 Case Western Reserve University | Cleveland, OH**
- 13 West Virginia School of Osteopathic Medicine | Lewisburg, WV
- 14 Michigan State University (College of Human Medicine) | Grand Rapids, MI
- 14 Michigan State University (College of Osteopathic Medicine) | East Lansing, MI
- 14 University of Iowa (Carver) | Iowa City, IA

Unparalleled Passion, Unmatched Professionals

Congratulations to the **21** doctors from the Department of Family Medicine and Community Health who were recognized on this year's Best Doctors in America® list! This record-breaking number highlights the exceptional service found throughout the department's physicians, nurses and staff.

It is their dedication that provides the best possible care for our patients, their families and our communities.



Cleveland Magazine's 2013 Best Doctors in America®

Louise S. Acheson, MD, MS

Jason Chao, MD, MS

Peter A. DeGolia, MD, CMD

Scott H. Frank, MD, MS

James E. Gibbs, MD

Patricia Kellner, MD

George Kikano, MD

Mark K. Komar, MD

Beth McLaughlin, MD

Lynda G. Montgomery, MD, MEd

Masahiro Morikawa, MD, MPH

Lisa C. Navracruz, MD

Ann B. Reichsman, MD

Michael P. Rowane, DO

Charles Kent Smith, MD

Kurt C. Stange, MD, PhD

Robert B. Truax, DO

Richard F. Weinberger, MD

Larry J. Witmer, DO

Todd Michael Zeiger, MD

Cynthia B.R. Zelis, MD

The Next Generation: Hands-On Education Prepares Future Physicians



Seated around a small wooden table, a group of seventh-grade girls turn excitedly to their wellness mentors, ready to discuss the results of their latest health experiment.

The “wellness mentors” are medical students participating in the North Star Collaborative Anatomy Camp, a partnership between Case Western Reserve University, Warner Girls’ Leadership Academy and Laurel School. The camp was made possible by funding from the Weatherhead Institute for Family Medicine and Community Health and the Clinical and Translational Science Collaborative at the School of Medicine.

Under the immediate direction of **Susanne Wish-Baratz, PhD**, the medical students are responsible for designing the activities and educating the girls throughout five individually-focused sessions: nutrition, cardiovascular, respiratory, nervous system and reproductive health.

This type of engaged, hands-on learning provides Case Western Reserve University’s medical students with opportunities to act as future health leaders in the community.

In a similar capacity, medical students also worked at the Salvation Army’s Harbor Light Complex, a multi-service facility that provides support to homeless men, women and children, as

well as people with substance abuse issues and those recently released from prison.

The program – called LAUNCH (Leadership and Advocacy in Urban and Community Health) – teaches medical students how to assess community needs and design sustainable programs to improve health outcomes. It is funded by a **\$321,236** grant from the federal Health Resources and Services Administration for Predoctoral Training in Primary Care.

Besides gaining practical experience in the community, students can attend elective teaching sessions sponsored by The Family Medicine Interest Group (FMIG), a student-run organization focused on providing resources to medical students considering careers in primary care. The FMIG’s sessions are open to all School of Medicine students, as well as to community physicians.

One of the most popular guest speakers this year was Thomas Graf, MD, a national expert on the Patient-Centered Medical Home and Chairman, Community Practice Service line for Geisinger Health System in Pennsylvania.



Above: After the day's events, the medical students administered health physicals to the campers.

Above: Family Medicine and Community Health residents lead a seminar for first- and second-year medical students.

Below: Campers performed experiments related to nutrition, such as nutrition labels and food-related medical conditions.

Below: Workshops bring the school's medical students and residents together for integrative learning.

Compassion, Commitment, Community

Family physicians need to be compassionate, committed and community-focused.

They also must master an ever-widening array of skills in family medicine and community health.

This year, the Family Medicine and Community Health Residency Program, expanded its curriculum by adding four new areas: ultrasound, integrative medicine, quality improvement and scholarship.

Congratulations to our residency program for earning a 10-year accreditation from the American Academy of Graduate Education.

Thank You...

...To the Saint Luke's Foundation and the KeyBank Foundation for their support.

A \$1 million grant from the **Saint Luke's Foundation** will allow us to expand our training by adding two residents per year and will strengthen our collaboration with Care Alliance, a federally qualified health center in Cleveland that works with the homeless population and residents living with HIV/AIDS.

The **KeyBank Foundation** has provided funding to help recruit minority physicians to our residency program and retain minority physicians in the Cleveland community.

Congratulations...



...to second-year resident **Umair Malik, MD**, for receiving the Humanism and Excellence in Teaching Award from the Arnold P. Gold Foundation. The award recognizes his commitment to teaching and compassion for patients, families, students and colleagues.



...to third-year resident **Nicholas Cohen, MD**. Cohen received the Sally Ann Shipley Award for supporting a collaborative and patient-centered environment. He has also received awards for his contributions to our quality improvement, Patient-Centered Medical Home and ultrasound curricula.

Innovation & Inspiration in Education: Charles Kent Smith and Patricia Moore Establish Professorship



Smith/Moore family



From left: George Kikano, Patricia Moore, Kent Smith, School of Medicine Dean Pamela B. Davis, and Case Western Reserve University President Barbara R. Snyder.

Medical school faculty **Kent Smith, MD**, and **Patricia Moore, MD**, want more medical students to choose careers in family medicine.

Their need is critical: The Association of American Medical Colleges projects a shortage of 65,000 primary care physicians by 2025.

With a long history of engagement in medical education and family medicine, the couple decided to donate a significant gift to establish the Charles Kent Smith, MD and Patricia Hughes Moore, MD Professorship in Medical Student Education in Family Medicine and Community Health.

“By endowing a chair for medical student education in family medicine, we both hope to continue to support medical student education and develop new initiatives,” Moore said.

Smith agreed. “We feel it’s critical for family medicine to thrive and help fill the country’s need for primary care doctors. Trish and I are grateful to be in the position to make a contribution to the school that supports medical student education.”

Smith and Moore both joined the Department of Family Medicine in 1988.

Smith served as department chair from 1988 until 2001. Today he holds the positions of senior associate dean of students and assistant dean of student societies. He has been honored with the student-nominated Kaiser Permanente Excellence in Teaching Award and has been inducted into Alpha Omega Alpha Honor Medical Society, which recognizes a physician’s dedication to the profession.

Moore is an associate professor in the School of Medicine. She developed the Family Medicine clerkship and leads the Family Medicine Interest Group. She also is one of the original sponsors of the Peru Health Outreach Project, in which medical students travel to the region in the summer to provide medical care and public health outreach to residents.

“I am very grateful to Kent and Trish for their generosity,” said **George Kikano, MD**, chair of the Department of Family Medicine and Community Health. “The Smith-Moore Professorship will allow us to meet the increasing demands placed on medical educators as we teach the next generation of family physicians.”

Fulfilling a Vision, Building Community



For years, the Department of Family Medicine and Community Health has worked within the community to improve the worrisome health outcomes in the region. Now, with a \$25 million commitment from the late philanthropist Albert J. Weatherhead III and his wife, Celia Scott Weatherhead, department chair George Kikano, MD, will lead an institute established to have an even greater impact on the local health.

“Collaborative work is at the heart of the Weatherhead Institute,” Kikano said. “There will be collaborations between medical students, faculty, community organizations, neighborhood residents, and the other professional schools at Case Western Reserve University – all designed with the ultimate goal of improving health.”

Those collaborations focus on four key areas: education, research, engagement and advocacy.

“It’s critical that we give our medical students a deep understanding of the community where they chose to attend school,” Kikano explained. “Working within the focus areas will help us understand the needs of the community and how we can best improve and promote health while also educating the next generation of physicians.”

In 2007, Kikano received the Dorothy Jones Weatherhead Professorship in Family Medicine, named for Al Weatherhead’s mother. That’s when he began corresponding with the Weatherheads to thank them, as well as to keep them updated on his work. Much of that work involved bringing medical students into Cleveland’s urban neighborhoods to teach them

about the many factors that can impact a person’s health, such as housing, transportation and education.

Their relationship deepened through the years, culminating in a meeting where the Weatherheads told him about their plans to donate \$25 million.

After he recovered from the shock of such generosity, Kikano contemplated how best to realize the promise of the investment: an approach that valued and incorporated existing community programs and also looked for new ways to engage and innovate in greater Cleveland.

The School of Medicine has many existing programs focusing on outreach activities and public health research. One of the most promising existing programs is the Prevention Research Center for Healthy Neighborhoods (PRC). The PRC seeks to address chronic health issues in disadvantaged neighborhoods in Cleveland. It is one of 37 entities the Centers for Disease Control and Prevention (CDC) funds throughout the country.

A more recent initiative, supported by the Josiah Macy Jr. Foundation, is the Student-Run Free Clinic – a collaboration between the School of Medicine and the Frances Payne Bolton School of Nursing where students work together to care for patients at the Free Medical Clinic of Greater Cleveland.

“Our tagline is ‘A Healthier World Starts Here,’” Kikano said. “Now, with the Weatherhead Institute, we’re creating a healthier Cleveland and, ultimately, we hope what we learn will improve the health of people everywhere.”

The Weatherhead Institute for Family Medicine & Community Health

A Healthier World Starts Here

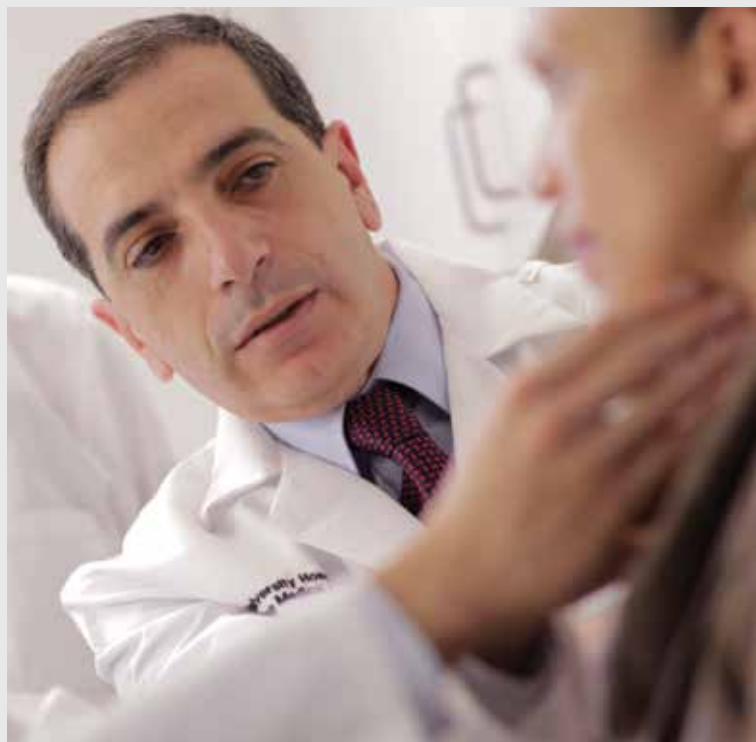
A healthy population is essential for a healthy society, economy and environment.

Vision: All people have the opportunity to achieve and maintain health through strong families, healthy environments and organizations working together toward common goals.

Mission: Through education, research, engagement and advocacy, we will foster health and strengthen the well-being of individuals, families and communities.

We Believe:

1. Everyone deserves an equal chance to live a healthy life.
2. Health starts in our homes, schools, neighborhoods, communities and the environment.
3. The choices we make highly influence our health. Personal experience, culture, policies and the environment shape these choices.
4. Partnerships with individuals, families and communities are crucial to creating health.
5. Personalized and coordinated care fosters health.
6. New knowledge sparks innovative solutions for improving and maintaining health, reducing the burden of chronic disease, and enhancing health care value.
7. Education drives change, creates opportunity and promotes health.
8. Health advocacy transforms public policy.
9. Measuring health and its many causes is fundamental for creating positive change.
10. Prevention is essential for improving health care quality while reducing costs.



Urban Health Initiative: Making a Difference



Amy Sheon



William H. Dietz

The rate of diabetes in Cleveland is 40 percent higher than in Cuyahoga County overall.

The proportion of Cleveland residents without health insurance is 50 percent higher than the county.

And life expectancy can vary by as much as 20 years depending on where a resident lives within the county.

One of Urban Health Initiative's (UHI) key priorities is the development of a community health data dashboard, made possible by a grant from the Saint Luke's Foundation. The dashboard will display critical data such as trends in health outcomes, as well as social and environmental influences on health.

"The dashboard will help community organizations identify health priorities," said **Amy Sheon, PhD, MPH**, and UHI director. "Having access to data in one location will also allow better collaboration between organizations, which will ultimately help make our community healthier."

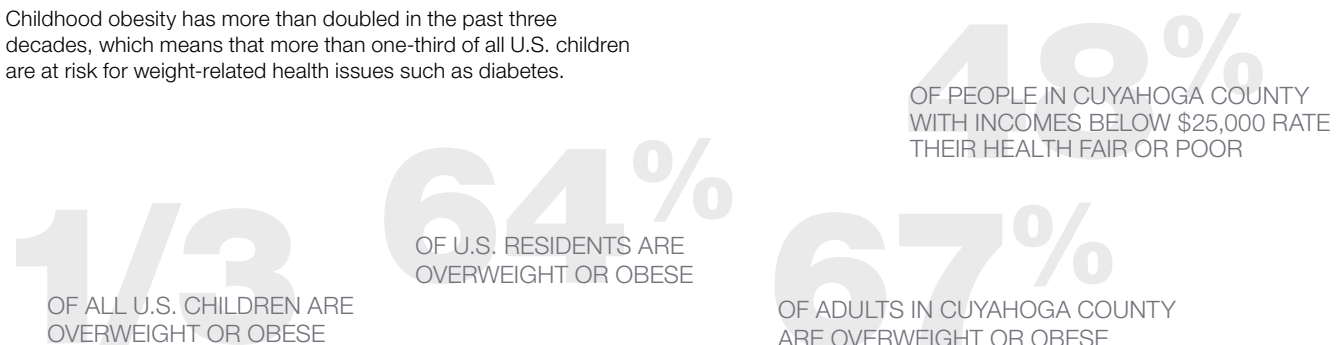
Childhood obesity has more than doubled in the past three decades, which means that more than one-third of all U.S. children are at risk for weight-related health issues such as diabetes.

The UHI focused on several aspects of childhood obesity prevention this year. In January, for example, the initiative hosted childhood obesity expert William H Dietz, MD, PhD.

Dietz, retired director of the Division of Nutrition, Physical Activity and Obesity at the Centers for Disease Control and Prevention, addressed more than 400 attendees at the Town Hall Speaker Series on "Obesity: Myths, Challenges and Successes." He also spent time on campus holding workshops on topics including community-based research and health professional education.

During Dietz's visit, UHI worked with the Mount Sinai Health Care Foundation to convene an Early Childhood Obesity Prevention Summit. The summit's goal was to start developing a community-wide plan to improve nutrition and physical activity in child care settings.

"Child care has received relatively little attention, but offers great opportunity for obesity prevention," said Sheon.



The American Medical Association now recognizes obesity as a disease.



From left: George Kikano, William H. Dietz, Amy Sheon.

Congratulations!

The Weatherhead Institute for Family Medicine and Community Health has awarded three pilot grants to:

- **Corrilynn Hileman, MD**, to increase the use of HIV testing and counseling for high-risk youth in the Cuyahoga County juvenile justice system
- **Siran Koroukian, PhD**, to develop a method to evaluate the effectiveness of research grants given by the Northeast Ohio chapter of the Susan B. Komen Foundation
- The **Northstar Collaborative Anatomy Camp** to teach anatomy and wellness, as well as to mentor middle school girls from Warner Girls' Leadership Academy and Laurel School

Learning Leadership

Community health isn't just about providing medical care. It's also about understanding the culture, the residents and the needs of a community.

A new class – created with a startup grant from the Urban Health Initiative – asks medical and public health students to engage with community projects that lead to improvements in residents' well-being.

Lynda Montgomery, MD, started the course "Leadership and Advocacy in Urban Community Health" for medical and public health students to learn firsthand how community dynamics impact health.

Students developed three projects, including:

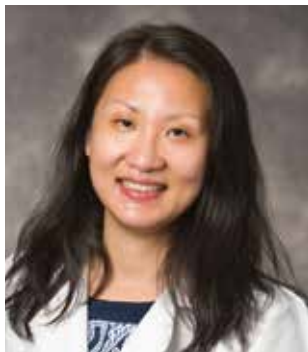
- **DELICIA (Diabetes Education for Latinos Incorporating Community Involvement and Advocacy)**: This health intervention uses "promotoras," or health promoters, to provide culturally relevant health information to residents, as well as to connect them with health care providers.
- **Youth Center Redevelopment**: The students worked with seniors at East Tech High School in the Cleveland Metropolitan School District to redevelop a local building, formerly Eliza Bryant Home for the Aged, into a youth center.
- Students created a neighborhood family health story project to learn the importance of family health history in a person's health.

Growing Older, Growing Care

Rapid population growth among seniors and older adults requires providers to adapt and expand their programs to match the needs of older adults.

In 2012, the Center for Geriatric Medicine and Palliative Care responded to this concern by expanding its staffing and hiring four geriatricians. Joining the Department of Family Medicine and Community Health are:

Sandy Chang, MD: Chang works at UH Case Medical Center in both the Family Medicine Inpatient Service and Geriatric and Palliative Care Consultation Services.



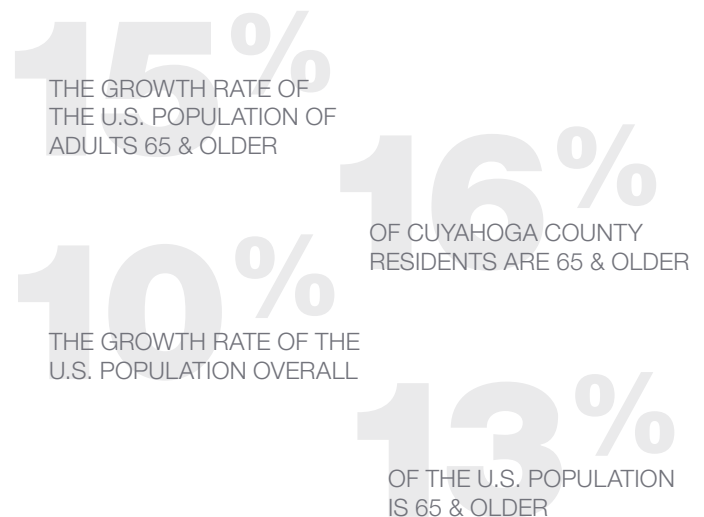
Sandy Chang, MD



Olusegun Odukoya, MD

Olusegun Odukoya, MD: Odukoya serves as medical director at Eliza Bryant Village and also works with the McGregor PACE (Program of All-inclusive Care for the Elderly) program.

The Center for Geriatric Medicine is a collaborative program between the Family Medicine and Community Health department and the Internal Medicine department. **Gowrishankar Gnanasekaran, MD, MPH**, and **Stefan Gravenstein, MD, MPH**, also joined the Geriatrics Center in the Department of Internal Medicine.



Addressing the Needs of Older Adults

The Center for Geriatric Medicine and Palliative Care, under the direction of **Peter DeGolia, MD, CMD** includes programs and services to meet the wide variety of needs in patients age 65 and older.

- Inpatient Care at University Hospitals Case Medical Center
- Palliative Care Consultation Service at University Hospitals Case Medical Center
- Outpatient Care at University Hospitals Foley ElderHealth Center, serving older adults with multiple conditions including dementia or depression
- Outpatient Care at University Hospitals Otis Moss Jr. Health Center in Cleveland's Fairfax neighborhood
- McGregor PACE, allowing older adults to receive comprehensive care at home where they are most comfortable
- University Hospitals Medical House Calls Program, providing in-home care to more than 400 seniors and older adults who are bedridden or have low mobility

2012–2013 Faculty Recognition and Community Outreach

Louise Acheson, MD, MS

- Professional Advisory Committee – Middlefield Care Center (Freestanding Amish childbirth center, Geauga Amish Settlement, Middlefield, OH)
- Associate Editor, *Annals of Family Medicine*

Jason Chao, MD, MS

- Executive Board – Physicians for Social Responsibility (PSR), Northeast Ohio Chapter

Peter DeGolia, MD, CMD

- 2012 Menorah Park Center for Senior Living's Dr. Arnold L. Heller Award

Susan Flocke, PhD

- 2013 Learning Fellow – NIH Training Institute for Dissemination and Implementation Research in Health

Scott Frank, MD, MS

- Board of Trustees – Greater Cleveland Hospital Association
- Executive Committee Chair – Ohio Research Association for Public Health Improvement (RAPHI)
- Executive Advisory Board – Prevention Research Center for Healthy Neighborhoods
- Advisory Committee – PBRN Shared Resource Advisory Committee
- Leadership Committee – Health Improvement Partnership, Cuyahoga (HIP-C)
- Chair – Shaker Prevention Coalition
- South Shaker Neighborhood Council
- Medical Director – Shaker Heights School District

George Kikano, MD

- Board of Directors – American Red Cross of Greater Cleveland
- Co-Chair – Healthcare Market, United Way Campaign, Cleveland, OH
- Board of Directors – Council of International Programs USA (CIPUSA)

Li Li, MD, PhD

- Member – External Advisory Board, Markey Cancer Center, University of Kentucky, Lexington
- Clinical Professor, Department of Primary Care & Emergency Medicine – Kyoto University, Kyoto, Japan

Patricia Moore, MD, MS

- Faculty Sponsor – Peru Health Outreach Project

Masahiro Morikawa, MD, MPH

- 2012 Exemplary Teaching Award – American Academy of Family Physicians (AAFP)

Johnie Rose, MD, PhD

- 2013 American Cancer Society Mentored Research Scholar – “Modeling Colorectal Cancer Recurrence and Surveillance.”

Charles Kent Smith, MD

- Board of Trustees – Cleveland Medical Library Association

Kurt Stange, MD, PhD

- 2012 Family Medicine Education Consortium's Champion of Family Medicine Award
- Member – Community Health Improvement Planning Committee, Cuyahoga County Public Health Collaborative
- Member – Community Health Advisory Council, The Center for Community Solutions
- Member – Community Partnership Committee, Center for Reducing Health Disparities
- Co-Chair Research Committee; Member Steering Committee; Member Clinical Advisory Committee – Better Health
- Member Clinical Advisory Committee, Better Health Greater Cleveland

James Werner, PhD, MSSA

- 2012 Award for Curricular Innovation – Academy for Healthcare Improvement – “Creation and Implementation of an Online, Competency-Based Curriculum to Teach Practice Transformation.”

Caring for Communities Around the World



Morikawa (second from left) demonstrates shrapnel removal surgery for Maoist medics in Nepal.



Like these tents in Nepal, Morikawa's global lodgings often have neither tap water nor electricity.

Masahiro Morikawa, MD, MPH looks up at the picture on his computer screen. It shows a group of young people staring blankly at the camera, each one carrying what – at first glance – looks like a rifle.

“There’s no such word as ‘hope’” he said, shaking his head.

A closer look reveals that the rifles are actually carved from wood. These children are disarmed Maoist child soldiers, ages 12 to 18, exercising with militant precision in a United Nations camp in Nepal.

Many of the children have lived in the jungle; some have even killed.

This image and so many others from desolate places around the world haunt and inspire Morikawa.

As the director of the department’s Global Health Track, Morikawa brings primary care to war-torn communities around the world. He applies the basic philosophy of family medicine to his global work. It’s the foundation he gives to the residents who often travel with him.

While they sometimes give direct patient care, they often work with local health workers to empower them to help patients in their own countries.

“Family medicine offers comprehensive skills and a solid knowledge base for training,” Morikawa explained. “Our approach is to help the people in those areas learn to solve their own problems, rather than having us just bring and distribute pills or equipment.”

At his computer on campus, Morikawa clicks to another slide. Here, people hold torches while others examine an arm cast. The scene shows a workshop he held in Kosovo in below-zero temperatures,

teaching locals how to cast broken bones by torchlight. Kosovo was the first country Morikawa worked in after joining the Department of Family Medicine as a resident in 1994. Since then, he also has worked extensively in Afghanistan and Nepal.

This year, Morikawa added work in three new countries: Guatemala, Thailand and Tanzania.

In Guatemala, he collaborates with Mercado Global, a non-governmental organization (NGO) that gives Mayan women skills to earn an income and send their children to school. Now, he will develop a program to help teach the women healthy living habits.

In Thailand, he partners with a former resident to write a curriculum for training community health workers in primary care.

His visit to Tanzania was his first trip to Africa since 1985 when he assisted during the Ethiopian famine while in medical school. Now he is developing cost-effective training programs for a local hospital struggling to survive.

“Every community I go into, I have to customize the program,” he said.

And he never knows what he might face.

In Afghanistan, he was unaware of a kidnapping threat against him until he returned to the United States. One of his German colleagues later was kidnapped on a trip that Morikawa was supposed to take. Instead, he had cancelled at the last minute.

He only consults with Afghanistan remotely now.



Morikawa's first global health experience at a Karen refugee camp in Thai-Myanmar (Burma) as a medical student volunteer in 1983.

And even when the living conditions aren't threatening, they still aren't easy. Morikawa often sleeps in tents for weeks at a time and running water is almost unheard of.

In fact, the United Nations camp in Nepal was so remote and isolated from nearby communities that camp residents were forced to use a single well for all of their needs. They would have been totally without electricity, too, if one industrious peer hadn't been able to connect them with a nearby system.

But those types of challenges just seem to fuel his passion for global health even more.

As he clicks through his slides, he pauses for a moment to reflect on his experiences.

"Every trip is really special and inspiring. The people I work with live and thrive in truly difficult situations, and I always feel like I have learned more from them than they could possibly learn from me."

Excellence in Education

American Academy of Family Physicians' (AAFP) Full-Time Faculty Exemplary Teaching Award for 2012:

This national award recognizes the contributions of faculty who demonstrate "exemplary teaching skills as well as individuals who have implemented outstanding educational programs and/or developed innovative teaching models."

In presenting Morikawa with this award, the AAFP cited his development of an inpatient handbook for residents as just "one example of the energy and thoughtfulness put into the role of an educator." In addition, the AAFP stated, "Equally admirable is Dr. Morikawa's demonstrated commitment to global health, which inspires students and residents to pursue their own humanitarian goals."

Congratulations to . . .

...Masahiro Morikawa, MD, director of the Global Health Track, for receiving the Ann S. & Anthony J. Asher Chair in Family Medicine and Community Health



Asher family

This chair is dedicated to advancing the education and training of primary care physicians in global health.

With his appointment as the inaugural Asher chair, Morikawa will be able to expand his outreach and programs in global health. One key project is the development of a field manual to guide new generations of primary care and global health professionals. Entitled *Where There is No Preceptor*, the manual brings together Morikawa's international teaching experience and his work running the Family Medicine and Community Health Inpatient Service at University Hospitals Case Medical Center.

Modeling the Positive: Two New PCORI Grants Will Create Models for Exemplary Patient Care



Kurt Stange

Imagine sitting in the doctor's exam room, bracing yourself to be nagged about poor eating habits and lack of exercise.

Then you are asked to play a computer game.

The game moves through a month of your life, bringing to light some of your personal strengths such as resiliency, strong connections to family and friends and available resources in your community.

Suddenly positive, you feel much better than when you arrived. You are armed with new ideas and resources to care for your chronic health problems. In fact, you're actually looking forward to talking with your doctor.

The scenario above is a possible answer to one of healthcare's newest questions: Could focusing on the positives improve your medical care and make you healthier?

Kurt Stange, MD, PhD, is the principal investigator on a grant from the Patient-Centered Outcomes Research Institute (PCORI) intended to study ways in which analyzing patients' strengths might improve their well-being.

The team includes Johnie Rose, MD, PhD; Laura Homa, PhD; Kelly Burgess, MPA; Anindita Biswas, MA; and Heide Aungst. They will collaborate with clinicians and patients in the Cleveland-area Safety Net Providers' Strategic Alliance and with teams of researchers from the University of Oslo in Norway and the University of North Carolina at Chapel Hill on the project.

Through this research study, called "Patient-Identified Personal Strengths," Stange and his team will create an interactive computerized tool to measure patients' strengths, such as resilience and supportive relationships.

In addition, the research team will create a computer simulation model to show the differences between the traditional "deficit-model"—focusing on what's wrong—and this new model that identifies the positive aspects of a person's life before talking about current symptoms.

This grant is the second that Stange has received from PCORI that involves computer simulation modeling. The other project, "Group Model Building to Engage Patient & Clinician Wisdom to Design Primary Care," creates a model showing elements that need to be present for the best primary care, and how these elements interact to advance health and health equity.

For that project, the team is again working with the Safety Net Providers' Strategic Alliance, as well as with researchers from Washington University in St. Louis and the University of Michigan in Ann Arbor. The researchers meet monthly with a group of patients, caregivers, doctors and nurses to build the model. The group chooses factors that they feel are necessary for primary care to work most successfully.

"Both PCORI grants will lead to models that focus on positive attributes that can ultimately improve health," Stange explained. "Whether it's looking at individual patient strengths or how to make primary care work best, this research will provide a new way to approach care that brings together untapped personal, family, clinician and community strengths to promote well-being."

Discovery & Knowledge: Research Division Focuses on Best Ways to Improve Health



Johnie Rose

If two people both survive colon cancer, should they be monitored exactly the same way to catch a recurrence?

The answer depends on many factors, explained **Johnie Rose, MD, PhD**, including the patient's age at diagnosis, the tumor's location, and the original cancer's stage.

This year, Rose, a preventive medicine physician and faculty member in the research division of Family Medicine and Community Health, received a

prestigious five-year Career Development grant from the American Cancer Society for **\$625,000**.

The grant will allow Rose to develop a computer model to identify the most effective ways to follow colon cancer survivors. Eventually, it could serve to inform follow-up care for many different types of cancer patients.

"The model will allow for individualized decision-making in the medical care of cancer survivors," Rose said. "Ultimately, a physician and patient could use the model to select an optimal follow-up strategy based on patient risk factors and preferences. For example, it might show that, for a given patient, there is very little advantage to aggressive follow-up involving frequent invasive and expensive tests."

Susan A. Flocke, PhD, director of the research division of Family Medicine and Community Health, was proud to note the continual "focus on novel research methods and innovations at the intersection of primary care and public health."

Sarah Sweeney, MD, a resident in the Department of Family Medicine and Community Health, dually published an article this year in the *American Journal of Public Health* and the *American Journal of Preventive Medicine*. Sweeney's article, "A Re-emerging Political Space for Linking Person and Community Through Primary Health Care," explained that national health care policy stakeholders believe current efforts to reform primary care are only an intermediate step in achieving a system with greater focus on community health.



Kurt Stange with members of the research division.

In addition to the 13 new grants in the department, the 11 other research division faculty members are working on 35 ongoing grants. They span a variety of topics, including assessing physician cultural competency, patient-physician communication and the roles genetics, environment and health behaviors play in the likelihood of a person developing cancer.

35
ONGOING RESEARCH GRANTS

13
NEW GRANTS THIS YEAR

56
PEER-REVIEWED
PUBLICATIONS THIS YEAR

Extramural Research Funding 2012–2013

Using Illness Visits to Provide Health Behavior Advice

Principal Investigator: **Susan Flocke, PhD**
Source of Support: National Cancer Institute
Dates: 07/01/09 - 05/31/14
Total Direct Costs: **\$1,943,197**

Behavioral Measurement Core Facility

Principal Investigator: **Susan Flocke, PhD**
Source of Support: National Cancer Institute
Dates: 01/01/00 - 09/30/13
Total Direct Costs: **\$59,315**

Health Promotion and Disease Prevention Research Centers: Special Interest Project Competitive Supplements

Principal Investigator: **Susan Flocke, PhD**
Source of Support: Center for Disease Control and Prevention - CDC
Dates: 09/30/12 - 09/29/13
Total Direct Costs: **\$114,647**

Multilevel Evaluation of Ohio's Breast/Cervical Cancer Screening Program

Principal Investigator: **Siran Koroukian, PhD**
Key Personnel: **Susan Flocke, PhD**
Source of Support: American Cancer Society
Dates: 01/01/13 - 12/31/13
Total Direct Costs: **\$399,167**

Cancer Research Center (CRC) - Practice-Based Research Network Core Facility

Principal Investigator: **James Werner, PhD, MSSA**
Source of Support: National Cancer Institute
Dates: 04/01/11 - 09/30/13
Total Direct Costs: **\$44,043**

Appraisal and Diagnostic Delay in Colon Cancer

Principal Investigator: **Sonja Harris-Haywood, MD, MS**
Source of Support: Virginia Commonwealth University
Date: 08/01/08 - 05/31/13
Total Direct Costs: **\$188,248**

Understanding Oncologist-Patient Communication

Principal Investigator: **Mary Step, PhD**
Source of Support: American Cancer Society
Dates: 01/01/10 - 12/31/14
Total Direct Costs: **\$535,777**

Feasibility of a Team Approach for Discussing Prognosis and Treatment Goals (TPAT)

Principal Investigator: **Mary Step, PhD**
Source of Support: American Cancer Society
Dates: 10/01/12 - 09/30/13
Total Direct Costs: **\$30,000**

Cancer Control through Primary Care Practice Transformation and Partnership

Principal Investigator: **Kurt Stange, MD, PhD**
Source of Support: American Cancer Society
Dates: 07/01/12 - 06/30/17
Total Direct Costs: **\$400,000**

Group Model Building to Engage Patient & Clinician Wisdom to Design Primary Care

Principal Investigator: **Kurt Stange, MD, PhD**
Source of Support: Patient-Centered Outcomes Research Inst - PCORI-1
Dates: 10/31/12 - 12/31/14
Total Direct Costs: **\$149,218**

Patient-Identified Personal Strengths (PIPS) vs. Deficit-Focused Models of Care

Principal Investigator: **Kurt Stange, MD, PhD**
Source of Support: Patient-Centered Outcomes Research Inst - PCORI-2
Dates: 06/15/13 - 06/14/17
Total Direct Costs: **\$499,777**

Developing Facilitation and Practice Manuals for Group Part IV MOC Projects

Principal Investigator: **Kurt Stange, MD, PhD**
Source of Support: The American Board of Family Medicine
Dates: 07/01/12 - 06/30/13
Total Direct Costs: **\$95,619**

Clinical Translational Science Award (CTSA) - Practice Based Research Network

Principal Investigator: **Pam Davis, MD**
Co-Investigator: **James Werner, PhD, MSSA**
Source of Support: Clinical and Translational Research
Dates: 06/01/11 - 05/31/13
Total Direct Costs: **\$411,651**

Clinical Translational Science Award (CTSA) KL2 - Case Western Reserve University

Principal Investigator: **Pam Davis, MD**
Co-Investigator: **Gunnur Karakurt, PhD**
Source of Support: (DHHS) NIH-National Center for Research Resource
Dates: 06/29/12 - 05/31/13
Total Direct Costs: **\$987,374**

Collaborative Ohio Inquiry Network(COIN)

Principal Investigator: **James Werner, PhD, MSSA**
Source of Support: AHCPR-Agency for Health Care Research and Quality
Dates: 09/01/12 - 08/31/13
Total Direct Costs: **\$47,047**

Genetic Variants in the P13K Pathway in Mammographic Density

Principal Investigator: **Cheryl Thompson, PhD**
Source of Support: NIH-National Cancer Institute
Dates: 09/15/09-07/31/14
Total Direct Costs: **\$466,107**

Obesity-Related Insulin Resistance Signaling Pathway Factors and Colon Cancer

Project Principal Investigator: **Li Li, MD, PhD**
Source of Support: National Cancer Institute
Dates: 09/01/09-07/31/14
Total Direct Costs: **\$637,361**

Case Center for Transdisciplinary Research on Energetics and Cancer (TREC)

Principal Investigator: **Nathan Berger, MD**
Project II Principal Investigator: **Li Li, MD, PhD**
Source of Support: National Cancer Institute
Dates: 09/01/09 - 08/31/13
Total Direct Costs: **\$93,301**

Expansion of Medical House Calls Program to Slavic Village

Principal Investigator: **George Kikano, MD, Peter DeGolia, MD**
Source of Support: Third Federal Foundation
Dates: 04/13/09 - 04/12/14
Total Direct Costs: **\$1,000,000**

Strengthening the Behavioral Health Training Skills of Family Medicine Faculty

Principal Investigator: **James Werner, PhD, MSSA**
 Source of Support: HRSA - Bureau of Health Professions
 Dates: 09/01/10 - 06/30/15
 Total Direct Costs: **\$557,968**

Integrating Trajectory of Change in Mammographic Density into Risk Prediction

Principal Investigator: **Li Li, MD, PhD**
 Source of Support: National Institute of Health
 Dates: 01/01/11 - 12/31/13
 Total Direct Costs: **\$100,000**

Aging and Cancer Pilot

Principal Investigator: **Cheryl Thompson, PhD**
 Source of Support: Case Comprehensive Cancer Center
 Dates: 10/01/10 - 08/31/13
 Total Direct Costs: **\$25,000**

Intergovernmental Personnel Act Mobility Program (NCI – IPA)

Principal Investigator: **Kurt Stange, MD, PhD**
 Source of Support: NIH NCI – National Cancer Institute
 Dates: 06/01/11 - 05/31/13
 Total Direct Costs: **\$476,206**

Validation and Comparison of Biomarkers for the Early Detection of Colorectal Adenocarcinoma

Principal Investigator: **Li Li, MD, PhD**
 Source of Support: University of Michigan
 Dates: 07/01/10 - 06/30/13
 Total Direct Costs: **\$27,475**

Open Health Source Risk - UH

Principal Investigator: **James Werner, PhD, MSSA**
 Source of Support: Agency for Healthcare Research and Quality
 Dates: 08/01/12 - 07/31/13
 Total Direct Costs: **\$13,201**

NEOUCOM Faculty Development in Primary Care

Principal Investigator: **James Werner, PhD, MSSA**
 Source of Support: Northeastern Ohio Universities College of Medicine
 Dates: 08/01/12 - 07/31/13
 Total Direct Costs: **\$13,201**

Impact of the Gold Foundation HETA Award on Recipients

Principal Investigator: **Kathy Cole-Kelly, MS, MSW**
 Source of Support: Arnold P. Gold Foundation
 Dates: 04/01/12 - 01/31/13
 Total Direct Costs: **\$5,000**

Predoctoral Training Grant in Family Medicine: Care of Medically Vulnerable Population Within a House Calls Program for the Elderly and Disabled

Principal Investigator: **Wanda Cruz-Knight, MD**
 Source of Support: Health Resources and Services Administration
 Dates: 09/30/11 - 09/29/16
 Total Direct Costs: **\$321,236**

Training in Computational Genomic Epidemiology of Cancer

Principal Investigator: **Robert Elston, PhD**
 Co-Director: **Li Li, MD, PhD**
 Source of Support: National Cancer Institute
 Dates: 09/24/07 – 07/31/13
 Total Direct Costs: **\$478,577**

CWRU Prevention Research Center for Healthy Neighborhoods

Principal Investigator: **Elaine Borawski, PhD**
 Co-Investigator: **Susan Flocke, PhD**
 Source of Support: Center for Disease Control
 Dates: 09/30/09 - 09/29/14
 Total Direct Costs: **\$2,052,714**

Center of Excellence in Child Healthcare: A University-Practice-Public Partnership

Principal Investigator: **Leona Cuttler, MD**
 Co-Investigators: **Kurt Stange, MD, PhD**
 Source of Support: Cuyahoga County Board of Commissioners
 Dates: 10/01/09 - 06/30/13
 Total Direct Costs: **\$1,044,024**

Interprofessional Learning Exchange & Development Center (I-LEAD)

Principal Investigator: **Patricia Underwood, PhD**
 Co-Investigator: **Kathy Cole-Kelly, MS, MSW**
 Source of Support: Macy Foundation
 Dates: 07/01/10 - 06/30/13
 Total Direct Costs: **\$220,214**

Detection of Advanced Adenoma via stool DNA (sDNA) Methylation Testing (GI SPORE)

Principal Investigator: **Gregory Cooper, MD**
 Co-Investigators: **Li Li, MD, PhD, Cheryl Thompson, PhD**
 Source of Support: NIH - National Cancer Institute
 Dates: 09/14/11 - 08/31/13
 Total Direct Costs: **\$162,775**

Health Care Partners in Cancer Prevention & Care of Aged

Principal Investigator: **Eva Kahana, PhD**
 Co-Investigators: **Kurt Stange, MD, PhD**
 Source of Support: NIH-NINR – National Institute of Nursing Research
 Dates: 01/01/11 - 12/31/13
 Total Direct Costs: **\$998,139**

Generalized Causal Mediation Analysis for Social Environment and Health Research

Principal Investigator: **Jeffrey Albert, PhD]**
 Co-Investigators: **Mary Step, PhD**
 Source of Support: NIH – NIDCR - National Institute of Dental and Craniofacial Research
 Dates: 09/23/11 - 08/31/16
 Total Direct Costs: **\$140,000**

Center for Genetics Research Ethics and Law

Principal Investigator: **Patricia Marshall, PhD**
 Co-Investigators: **Cheryl Thompson, PhD**
 Source of Support: NIH-National Human Genome Research Institute (NHGRI)
 Dates: 08/05/10 - 07/31/13
 Total Direct Costs: **\$8,750**

Community Based Family Physicians Training Grant

Principal Investigator: **George Kikano, MD**
 Source of Support: St. Luke's Foundation
 Dates: 10/15/11 – 10/14/14
 Total Direct Costs: **\$1,036,259**

SPRINT Senior ARRA – UHMP FM

Principal Investigator: **Peter DeGolia, MD**
 Source of Support: NIH – National Heart, Lung & Blood Institute
 Dates: 09/24/10 – 09/23/12
 Total Direct Costs: **\$222,009**

Modeling Colorectal Cancer Recurrence and Surveillance

Principal Investigator: **Johnnie Rose, MD, PhD**
 Source of Support: American Cancer Society
 Dates: 07/01/13 - 06/30/18
 Total Direct Costs: **\$625,000**

Cuyahoga County Community Health Data Dashboard

Principal Investigator: **Amy Sheon, PhD, MPH**
 Source of Support: St. Luke's Foundation of Cleveland
 Dates: 12/01/2012 – 12/01/2013
 Total Direct Costs: **\$137,615**

2012–2013 Publications

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Department of Family Medicine and Community Health

Mission Statement

Integrating patient care, teaching and research to prevent disease and promote the health of individuals, families and communities.

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