

ACHIEVEMENTS IN HEALTH CARE, MEDICAL SCIENCE AND PHILANTHROPY

REALIZING A VISION FOR A BETTER WORLD The First Five Years of The Harrington Project and Its Impact on Medicine

Purposeful Giving Advancing Psychiatric Care

An Inspiration for All Expanding Adolescent and Young Adult Cancer Care

DIAMOND Charitable Gift Planning "AS A LEADER IN PHILANTHROPY, THE HARRINGTON FAMILY IS DRIVING THE UH MISSION TO THE NEXT LEVEL."



Thomas F. Zenty III Chief Executive Officer University Hospitals

Dear Friend of UH:

Our health care system's friends and benefactors will remember 2017 as the year we exceeded our \$1.5 billion goal for *Discover the Difference: The Campaign for University Hospitals.* This extraordinary achievement, which we celebrated in May, capped a transformative era marked by unprecedented growth, philanthropy and a shared commitment to improve our region.

We see our health care system's past and present achievements as the foundations for our next 150 years. Now we are looking ahead at the countless possibilities that will extend our mission further.

We know that the need for innovation in health care will only continue to grow. As a result, UH physician-scientists are working in laboratories and at patients' bedsides to create new breakthroughs and treatments, especially through the Harrington Discovery Institute.

Health care's future also is being reshaped by consumerism, in which the availability of information, rising costs and high-deductible insurance plans are encouraging individuals to become more involved in their care. UH is addressing these trends through the use of technologies and processes that result in greater efficiencies for the patients we serve.

And UH is preparing for the future by investing in our community and our neighbors. In addition to creating jobs and building opportunities in Cleveland and neighborhoods close to our main campus, we are furthering our commitment to improving population health. We are building UH Rainbow Center for Women & Children and expanding UH Otis Moss Jr. Health Center, both of which signal a new and more outward-reaching approach to health care. From its inception to today, UH has looked after those in this community who needed help the most, but could afford it the least.

In this issue, see how philanthropy supports UH through the efforts of our donors:

• The Harrington Discovery Institute at UH, pioneered by a landmark gift from the Harrington family in 2012, is living up to its promise by accelerating the development of new patient therapies.

• To honor the legacy of his son Andrew, Seth Uhrman committed \$1 million to the Angie Fowler Adolescent & Young Adult Cancer Institute at UH Rainbow Babies & Children's Hospital.

• For generations, the Wilson Foundation has had an enduring impact on UH. Most recently, the extended Wilson family is supporting psychiatry research at UH.

Our health care system has a global footprint, with UH-trained physicians and therapeutic discoveries helping patients around the world. Yet, while we are global in scale, our focus remains on our neighbors who trust and depend on UH.

Our philanthropic community has been and will continue to be central to fulfilling our promise to all residents of Northeast Ohio. Thank you for your trust and for your enduring support of our mission: To Heal. To Teach. To Discover.

Sincerely,

Tremas Frientiente

UNIVERSITY HOSPITALS LEGACY

V O L U M E 2 4 N U M B E R 0 2 F A L L 2 0 1 7

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on the cover NANCY AND RONALD G. HARRINGTON, LOCATION: HILTON CLEVELAND DOWNTOWN/PHOTO: ROGER MASTROIANNI

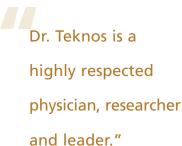
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UH SEIDMAN CANCER CENTER – NEW LEADERSHIP AND EXPANDING SERVICES



Theodoros N. Teknos, MD



Daniel I. Simon, MD,
President of UH Cleveland
Medical Center

After a rigorous national search, University Hospitals appointed Theodoros N. Teknos, MD, the new President and Scientific Officer of University Hospitals Seidman Cancer Center. Dr. Teknos began his position on October 1, succeeding Nathan Levitan, MD, who will retire in early 2018.

Dr. Teknos comes to UH from The Ohio State University Wexner Medical Center, where he was Professor and Chair, Department of Otolaryngology – Head and Neck Surgery. Prior to that role, he served as Division Chief, Head and Neck Oncology Division, Department of Otolaryngology, at the University of Michigan Health System in Ann Arbor. From 2007 to 2014, Dr. Teknos co-chaired a Task Force on Recurrent and Metastatic Disease for the National Cancer Institute's Head and Neck Cancer Steering Committee. "Dr. Teknos is a renowned clinician and academic authority in head and neck cancers, and he will continue his surgical practice, clinical trials and research here," said Daniel I. Simon, MD, President, UH Cleveland Medical Center. "We look forward to working with Dr. Teknos and are confident his leadership will advance our clinical, academic and strategic business objectives at UH Seidman Cancer Center."

One objective already underway is the expansion of cancer services in the health care system. The new UH Seidman Cancer Center at UH Geauga Medical Center opened for patient care in July, under the direction of Judah Friedman, MD. The new facility represents a total investment of \$4.8 million, including \$2.8 million in philanthropic support from more than 700 donors. Additionally, the new UH Seidman Cancer Center at UH Geneva Medical Center added patient appointments and infusion therapy to enhance care options.

NEUROLOGY GROWS AT UH AHUJA MEDICAL CENTER

A \$2 million expansion at UH Ahuja Medical Center is allowing UH Neurological Institute specialists to accommodate a wider range of patients, from those with brain tumors, aneurysms and strokes to individuals requiring complex spine surgery. UH Ahuja Medical Center also will be the first community hospital in the region to offer deep brain stimulation. The facility, staffing and technology enhancements improve UH's ability to offer the highest-quality neurological care close to home.

NOW AT UH: MEDICAL MUTUAL OF OHIO AND UH MEDICARE ADVANTAGE FROM SUMMACARE

As of October 1, patients enrolled in Medical Mutual of Ohio qualify for in-network coverage for all services at all UH facilities, including UH Cleveland Medical Center, UH Rainbow Babies & Children's Hospital, UH Bedford Medical Center and UH Seidman Cancer Center.

Medical Mutual of Ohio serves the largest group of commercially insured patients across the state, with about 650,000 members in Northeast Ohio. UH now participates in all major health insurance plans in Northeast Ohio.

The new agreement ensures continuity of care for those in Medical Mutual's SuperMed and Medicare Advantage networks. This access means patients can now receive specialized care, such as proton therapy and Angie Fowler Adolescent & Young Adult Cancer Institute services.

In an environment where health care and insurers are addressing ways that will ensure sustainability, UH CEO Thomas F. Zenty III believes the expanded access will bring more patients to UH. "Under the new contract, SuperMed members will have more continuous, cooperative care through the health care system," said Mr. Zenty.

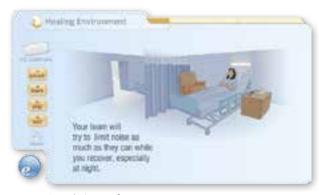
Additionally, UH expanded its relationship with Northeast Ohio insurer SummaCare in September. UH Medicare Advantage from SummaCare, a co-branding of SummaCare's existing Medicare products with UH, offers patients the ability to enroll and use UH health care providers and any other providers in the SummaCare Medicare Network. The agreement encourages health care providers, hospitals and the insurer to offer a coordinated, proactive approach to health care.





EMMI AT UH

When surgery is planned, questions often arise. As a tool to help prepare patients, UH is using Emmi[®], a series of engaging, online programs to support information provided by physicians and reduce uncertainty at discharge.



Sample image from Emmi program

Offered by UH as a free service, this interactive tool has been used by thousands of surgical patients, providing education about anesthesia and procedures, such as colonoscopies, hysterectomies, orthopedic surgeries and laparoscopic gastric bypass. Patients may view the video at their convenience on a computer, tablet or phone, and can easily share it with loved ones. Emmi also provides information on living wills and advanced directives.

Patient Experience Manager Kim Tomblin, who also heads the Patient and Family Partnership Council at UH Parma Medical Center, described Emmi as a cost-effective way for patients to receive information. "Providing this service in advance and at the hospital gives patients and

their families an opportunity to see what they should expect during and after surgery," said Kim. "Engaging the families of those receiving care not only improves the patient's experience, but also quality and safety."

Nancy and Ronald G. Harrington

"From the start this has been about the potential chance to find cures and improve people's quality of life."

- Ronald G. Harrington

REALIZING A VISION FOR A BETTER WORLD:

The First Five Years of The Harrington Project and Its Impact on Medicine

Only five years have passed since the Harrington family of Hudson, Ohio donated the funds and backed the concept that created The Harrington Project for Discovery & Development and the Harrington Discovery Institute at University Hospitals, but the brilliant model for advancing the work of gifted physician-scientists dedicated to the development of new, life-saving and life-improving drugs is already addressing a crisis that has been decades in the making.

"Since inception, the Harrington Discovery Institute has supported 74 scholars whose work shows great promise for advancing the global standard of care in medicine," said Jonathan S. Stamler, MD, President, Harrington Discovery Institute. "These scientists are making meaningful contributions toward finding cures for some of mankind's most serious diseases."

Founded in 2012 with a transformative gift of \$50 million from the Harrington family, The Harrington Project has grown to an over \$340 million system comprised of the nonprofit Harrington Discovery Institute, including its Innovation Support Center, and the mission-aligned, for-profit accelerator BioMotiv. The project aims to alleviate stalls in drug development attributed to the "valley of death," a resource and funding chasm that emerged over time as pharmaceutical companies and venture capitalists grew unwilling to invest significant research dollars in unproven drug therapies. The implications of this phenomenon are dire for



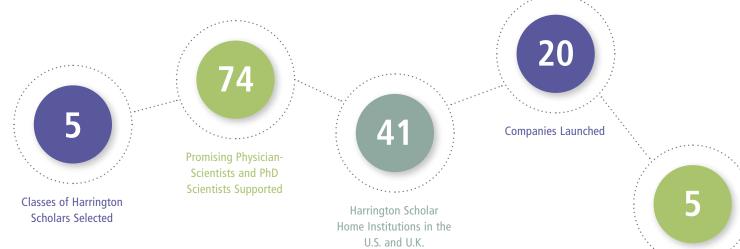
Jonathan S. Stamler, MD

medicine, with an average of only 30 new compounds receiving market approval each year from the U.S. Food and Drug Administration over the past decade.

There are an unknown number of compounds languishing in labs that could offer lifesaving cures for countless diseases. Entrepreneur Ronald G. Harrington, co-founder of The Harrington Project, makes clear that his family's extraordinary investment was made with the objective of identifying and bringing to market these revolutionary medicines for the benefit of all humanity. "From the

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CELEBRATING IMPACT: THE FIRST FIVE YEARS OF THE HARRINGTON PROJECT FOR DISCOVERY & DEVELOPMENT



start, this has been about the potential to find cures and improve people's quality of life," he said.

The Harrington family's altruism is manifest in the mission of Harrington Discovery Institute: to advance discoveries by physician-scientists, and all scientists in therapeutic areas of unmet need, into medicines for the benefit of society. An exclusive group of physician-scientists from academic medical centers and universities across the U.S. are named Harrington Scholars each year following a rigorous selection process that identifies the projects with the greatest potential for moving from bench-to-bedside.

Strategic partnerships with the Alzheimer's Drug Discovery Foundation, Foundation Fighting Blindness and the University of Oxford in England have enabled institute leaders to expand the number of promising scientists supported annually from 11 in 2013 to 20 in 2016. Nearly 500 physicianscientists and PhD scientists apply for the prestigious awards each year, a figure that is expected to grow with the addition of new relationships. One such example is the collaboration between Harrington Discovery Institute and Takeda Pharmaceutical Company that has resulted in creation of the Harrington Rare Disease Program.

Once selected, scholars receive a generous financial award to alleviate the costs associated with the development process.

Equally important, they are assigned a team of three to five advisors from the Innovation Support Center, an august group of eminent pharmaceutical industry experts who function as an ad hoc project management team to all Harrington Scholars. Their role is to help progress the scholar's project to pre-clinical milestones and/or the proof-of-concept stage when a strategic partner, such as a pharmaceutical company or a venture capitalist, joins the scholar in continuing the development and commercialization of the new drug.

The Innovation Support Center is largely credited for the Harrington Discovery Institute's progress to date, yet in keeping with its humanitarian mission, accepts no royalties and holds no patents or intellectual property rights for any drugs developed by Harrington Scholars. These rights and benefits are accorded the scientist and their institution. Institute leaders refer to the Innovation Support Center as its "secret sauce," and scholars who receive their guidance agree.

Jean Tang, MD, PhD, of Stanford University and a member of the 2014 class of Harrington Scholar-Innovators, is a physician-scientist working to develop a novel topical drug to treat basal cell carcinoma, the most common skin cancer in the United States. "As a physician-scientist, your knowledge is a mile deep, but their knowledge is Drug Technologies Licensed to Big Pharma a mile wide," Dr. Tang observed of the Innovation Support Center team.

the Innovation Support Center team. "Scientists spend 20 years training, but we have no experience transforming our ideas into a drug or product. Our advisors have developed as many as 30 new drugs in their respective careers. The marriage of expertise to drive discovery into medicines at the Harrington Discovery Institute is unprecedented in the U.S."

"The power of the Innovation Support Center lies in our ability to leverage our collective experience to fast-track the work of our scholars, cutting years off a process that can span a decade or more," said William Greenlee, PhD, a member of the Innovation Support Center Advisory Panel. "BioMotiv then condenses the process further, seamlessly transitioning Harrington Discovery Institute projects into the investment realm where they finally cross that 'valley of death' and can begin to attract additional support."

BioMotiv plays a key role in licensing and developing discoveries of Harrington Scholars into promising new drugs that are advanced through the stages of pre-clinical development before applying for approval for human testing. The investor community has affirmed the value of The Harrington



Applications to Harrington Programs Received in 2017

Project by providing \$145 million in funding to the accelerator since 2012.

"Strategic partners and investors realize we have a unique system," said BioMotiv CEO Baiju R. Shah. "Harrington Discovery Institute, the Innovation Support Center and disease foundation partners, combined with strategic investment, development and pharmaceutical partners, are complementary resources and capabilities, mission-aligned to bring new medicines to market."

To date, Harrington Discovery Institute has supported five classes of scholars leading 74 projects at 41 institutions in the U.S. and the U.K. Through the project as a whole, four drugs have been accepted for investigational clinical use, five licensed to pharmaceutical companies and 20 companies have been launched.

While impressive, these results represent only the beginning of The Harrington Project's contributions to medicine. "Looking ahead to the next five years, we will continue to leverage the project platform to address emergent areas of need," said Dr. Stamler. "Only by continuously expanding the scope and impact of our efforts here in the U.S. and around the globe will we begin to realize our vision for a better world."

A Step Forward for Humanity

Sanford Markowitz, MD, PhD, an internationally recognized medical oncologist and colon cancer researcher and the Markowitz-Ingalls professor of Cancer Genetics at the Case Western Reserve University School of Medicine, was among 11 renowned physician-scientists named to the inaugural class of Harrington Scholar-Innovators in 2012. Dr. Markowitz was selected for the prestigious award based on his lab's focused efforts to discover a compound that could stimulate the body's natural tissue regeneration process and contribute to the successful treatment of many complex and life-limiting human diseases, including cancer.

Leveraging his two-year experience as a Harrington Scholar-Innovator, Dr. Markowitz earlier this year founded Rodeo Therapeutics, a drug development company focused on developing small-molecule therapies designed to help patient's regrow healthy cells and thereby provide new treatments for cancer and for inflammatory conditions. The company this year received \$5.9 million in Series A financing, its first round of significant venture capital financing, from Accelerator Corporation, a leading life-science investment management firm. Partner investors also included AbbVie, Eli Lilly, and Johnson & Johnson.

In a statement announcing the venture, David M. Schubert, Chief Operating Officer of Accelerator Corporation, affirmed the influence of Harrington Discovery Institute in advancing the work of physicianscientists. "Rodeo Therapeutics' founding scientists have achieved a level of biology and medicinal chemistry for their lead product candidate that is advanced beyond what we would typically see in an academic setting," he said.

According to Dr. Markowitz, the investment will enable his team to advance their program toward human clinical trials. He shared, "We are moving one step closer to developing a compound with the potential to improve the health of thousands suffering from serious medical conditions, such as ulcerative colitis and cancers requiring bone marrow transplantation."



Sanford Markowitz, MD, PhD



University Hospitals Discover the Difference



Left to right: Sherri Bishop, UH Chief Development Officer; Thomas F. Zenty III, UH Chief Executive Officer; Monte Ahuja, Campaign Co-Chair; Jack Breen, Campaign Co-Chair; Shelly Adelman, Chair, UH Board Development Committee; Sandra Pianalto, Chair, UH Board of Directors.

Transforming Lives Forever,

In May, University Hospitals celebrated perhaps the most monumental achievement in the health system's 150-year history – the completion of the historic \$1.5 billion *Discover the Difference* campaign. Nearly 700 friends and benefactors gathered at the Hilton Downtown Cleveland to mark the occasion and recognize the profound impact the campaign has already and will have on patients and families for generations to come.

Nearly 185,000 gifts, together with countless hours and immeasurable passion from UH's corps of volunteer leaders, pushed the campaign beyond its goal, raising more than \$1.51 billion... "This amount is unprecedented in Northeast Ohio and at virtually all other medical centers around the nation. This campaign was a transformation for UH and our region – a transformation of lives, of health, of how people access care, of the physicians we will train, of the research we can and will do. Through Discover the Difference, we are truly transforming lives forever."

- Thomas F. Zenty III, Chief Executive Officer, University Hospitals

Enduring Thanks

Special thanks to the UH Board Development Committee, chaired by Sheldon G. Adelman, and Campaign Cabinet, led by co-chairs Monte Ahuja and John G. Breen, as well as the transformational support of our Campaign Visionaries, whose gifts of \$10 million or more were instrumental to the campaign's overall success:

The Harrington Family

Mr. and Mrs. Ronald G. Harrington Mr. and Mrs. Ronald M. Harrington Jill Harrington

Rainbow Babies & Children's Foundation

The Cleveland Foundation

The Elisabeth Severance Prentiss Foundation

Jane and Lee Seidman

Monte and Usha Ahuja and Family Monte and Usha Ahuja Honorable Rohit Khanna and Mrs. Ritu Khanna Dr. Neil Sethi and Mrs. Manisha Ahuja Sethi

Dr. Donald J.* and Ruth Weber* Goodman

Char and Chuck Fowler and Family Charlotte A. and Charles D. Fowler Chann Fowler-Spellman and Edward F. Spellman Holley Fowler Martens and Robert F. Martens

Iris S. and Bert L.* Wolstein

Bob, Eleanore and Kathy Risman

Barbara P. Ruhlman

Karen L. Mole

Kathleen A. Coleman

Mr. and Mrs. Leonard C. Horvitz

Richard A. Horvitz and Family

(*deceased)

THE PROFOUND IMPACT OF





The fields of psychiatry, neurosurgery and neurology all relate to brain function, though often from different perspectives. For a trio of University Hospitals physician-scientists, these unique areas of expertise came together to form a collaborative new theory with the potential to transform the field of neuroscience. Could biomarkers, molecules that indicate normal or abnormal processes taking place in the body, be used to better diagnose and treat patients with mental illness? **They turned to the Marguerite M. Wilson Foundation, a longstanding partner in advancing psychiatric care, to help launch clinical studies.**



he University Hospitals Department of Psychiatry Mood Disorders Program is co-led by Joseph Calabrese, MD, Bipolar Disorders Research Chair, and Keming Gao, MD, PhD, Clinical Director. Since the program's establishment in 1989, its team of committed clinicians and researchers has moved the field of psychiatry forward through the delivery of high quality, detailoriented clinical care and the development of novel medication and treatment options.

"Our goal for treatment is to always target full and complete recoveries that bring patients back to their optimal level of health and well-being," Dr. Calabrese shared.

The program's recent collaboration with Jennifer Sweet, MD, a neurosurgeon at UH Neurological Institute, focuses on the identification of biomarkers that have the potential of predicting response to medication rather than just trial and error. Through their efforts, the physician-scientists anticipate that entirely new medications and treatments with markedly different mechanisms of action will be discovered.

"Multidisciplinary collaborations are essential for studying complex diseases like mental disorders and we feel fortunate to be collaborating with Dr. Sweet who works with the brain in different ways," said Dr. Calabrese and confirmed by Dr. Gao.

Generations of Generosity

Nearly seven decades of philanthropy and volunteerism inextricably tie the Marguerite M. Wilson Foundation to University Hospitals. Marguerite "Peg" Wilson set the stage for her family in the 1950s, faithfully serving on the Rainbow Babies & Children's Foundation

Carol Donaldson and son Justin Donaldson

"Mental health is so personal and yet affects so many." - Doug Horner



Left to right: Doug and Mary Adelle Horner with their daughter Katherine Grabner

Board of Trustees and regularly volunteering at the old Rainbow Hospital off Green Road in South Euclid. Inspired by her generosity and selfless giving, many of Peg's family members, including her husband, Myron "Mike" Wilson, past-president of the Cleveland Indians, followed her example and themselves served on UH boards.

For generations, the family has perpetuated this commitment to UH and the community's well-being via the Wilson Foundation. "Our foundation is truly a family affair," said Peg's granddaughter and current foundation president Carol Donaldson. Though spread across the country, Carol's siblings and cousins, as well as their children, are engaged in the foundation's decision-making. "The majority of our giving remains in Northeast Ohio and, particularly UH," said Carol. "It's a wonderful hospital run by good people who are doing great things. We love partnering with UH."

In total, the Wilson Foundation and its family members have contributed more than \$2 million to UH and made an enduring impact in four key areas: UH Rainbow Babies & Children's Hospital, cancer research and innovation, genetics and immunotherapy, and psychiatry. With an emphasis on seed funding, the foundation has been instrumental in helping promising, high-impact projects gain footing.

"We're not a large foundation, but we see the potential for changing lives and like helping get things off the ground," continued Carol, who, in addition to leading the foundation, owns and operates Hunter's Creek Farm in Novelty, Ohio. "Offering smaller gifts of seed funding is a way for us to help UH's physicianscientists get started and then, after they are more established, they can diversify to other sources."

Challenging Mental Illness

Like many families, the extended Wilson family has suffered its share of mental health challenges. "We have seen the devastating impact these diseases have had on our family over the years, so we know first-hand the importance of moving the needle," shared Doug Horner, Carol's brother. Doug and his wife, Mary Adelle, are regularly apprised of UH's research endeavors and inventive ideas for mental health studies. When the couple learned about a new multidisciplinary research concept for identifying biomarkers as a means to diagnose mood disorders, they prompted the foundation to support a pilot study.

"We saw that our family foundation could help shine a light, however small, on a possibly huge initiative," said Doug. "This could be a changing point for people with bipolar and other disorders."

With the support of the Wilson Foundation, Drs. Calabrese, Gao and Sweet are employing noninvasive techniques to try to unlock some of the brain's secrets. Studying approximately 50 key molecules in the blood cells, their pilot program uses diffusion-weighted imaging and variations of magnetic resonance imaging (MRI) called tractography to identify connection changes in the brain, as well as Enzymatic Amplification Staining[™], an innovative, laser-based cell staining procedure.

MENTAL HEALTH FACTS

Nearly 1 in 5 Americans, approximately 43 million people, had a diagnosable mental health disorder in the past 12 months.

The variances could signal the difference between having or not having bipolar disorder, and patients who respond to treatment well and those who don't. Recognizing these molecular changes in the cells and connection changes in the brain may also help physicians determine how a patient will respond to particular treatments.

"The Wilson Foundation made these collaborations possible and has moved us one step closer to biomarker-based diagnosis and treatment in psychiatry," said Dr. Calabrese and Dr. Gao.

Prior to this gift, the Wilson Foundation and individual family members helped to advance psychiatric care at UH through the James A. Horner Chair in Child Psychology, established in memory of Carol and Doug's father in 2009. "Our hope has always been that, if patients have the tools and support to sort out mental health challenges when they are young, they will be more likely to be happy, contributing members of society instead of struggling in adulthood," said Doug.

Through the Horner Chair, currently held by John Hertzer, MD, UH's pediatric psychiatry program has expanded significantly, integrating care more closely with UH pediatricians, increasing the number of child psychiatric specialists and providing essential mental health care at 10 community agencies' eight ambulatory sites. "The Wilson Foundation's generosity helps UH continue to grow and respond to the community's need for mental health services," said Dr. Hertzer. "Our expansion improves access and allows earlier intervention for youth, which remains an important factor in healthy outcomes. When the UH Rainbow Center for Women & Children opens next year in Cleveland's MidTown neighborhood, we will be able to even more completely care for the community."

Seeds for the Future

Much like previous generations, volunteering at University Hospitals remains in the blood of the extended Wilson family. In addition to Carol and Doug's foundationrelated involvement with UH, Mary Adelle works tirelessly to raise funds for UH Rainbow Babies & Children's Hospital through the Rainbow Jumper Challenge. Doug and Mary Adelle's daughter, Katherine Grabner, served as a founding member of the Rainbow Babies & Children's Foundation Associate Board and currently is engaged in the invaluable work of the UH Rainbow Community Health Task Force and several Rainbow-related events.

"We do what we can to get research moving forward and services helping people. That's what our grandparents and parents taught us, and that's what we teach our children," said Carol. "You never know when the life you touch will touch another." 1 • 25

Nearly 1 in 25 American adults, approximately 10 million people, have serious functional impairment due to a mental illness.

According to the Centers for Disease Control and Prevention, 41,149 individuals committed suicide in the U.S. in 2013, approximately the same number of deaths attributed to breast cancer.

ges 5

1 in 5 adolescents, ages 13-18, currently have and/or previously had a seriously debilitating mental disorder.

nearly **20**9

Brain disorders – mental, neurological and substance abuse disorders – are the single largest source of disability in the U.S., representing nearly 20% of disabilities.

Advances



STUDY SUGGESTS MECHANISM FOR HEART ATTACK AND STROKE PREVENTION

The discovery of the pathway responsible for harmful blood clots and a molecule that can block their formation may help those people at risk for heart attack or stroke, according to a study published in Nature Communications.

New research shows a previously unknown interaction between two cell receptors that amplifies inflammation and clotting.

Blocking the interaction, whether through an antibody or a new, therapeutic molecule, can safely prevent blood clots, according to senior author Daniel I. Simon, MD, President, UH Cleveland Medical Center, Herman K. Hellerstein Chair of Cardiovascular Research, and Professor of Medicine at Case Western Reserve School of Medicine.

Approximately 100,000 Americans die annually from a blood clot, or thrombosis, according to the Centers for Disease Control and Prevention. The findings could lead to new medications that stave off heart attacks and strokes without harmful side effects, like excessive bleeding.

"We have found a new thrombosis target that does not increase bleeding risk," said Dr. Simon who, with colleagues, is now pursuing pre-clinical studies to further test this novel technology.

ADDRESSING CARDIOVASULAR DISEASE IN DIABETES

Heart disease, the leading cause of death worldwide, is worsened by type 2 diabetes. However, current diabetes management focuses on glucose control, but does not mitigate the risk of cardiovascular disease. New research suggests patient outcomes can be improved through a paradigm shift in type 2 diabetes treatment.

UH Endocrinologist Faramarz Ismail-Beigi, MD, PhD, conducted clinical trials of four unique blood sugarlowering medications in patients with a history or risk of heart disease or stroke. Results showed that the treatment is safe for these patients while, additionally, delivering cardiovascular improvements to patients with or at risk of type 2 diabetes.

"For the first time we have seen glucose-lowering medications that can improve cardiovascular outcomes," Dr. Ismail-Beigi said. "It is highly possible that newer agents in these classes of medications will prove to be more efficacious in the management of type 2 diabetes and prevention of cardiovascular disease – even in patients at earlier stages of the disease process."



Faramarz Ismail-Beigi, MD, PhD

Our review focuses on the need for a paradigm shift on how we should think about management of type 2 diabetes." – Faramarz Ismail-Beigi, MD, PhD "Music is a powerful tool that can convey health education, engage memory, increase patient engagement and facilitate social support."

- Samuel Rodgers-Melnick, MT-BC

SICKLE CELL DISEASE: MUSIC ASSISTS EDUCATION

Through music therapy, UH is helping teens and young adults with sickle cell disease (SCD) gain knowledge about their condition and ease their transition from pediatric to adult care.

In a first-of-its-kind study, principal investigator and UH Seidman Cancer Center music therapist Samuel Rodgers-Melnick, MT-BC, developed a program specifically for the SCD patient population called BEATS (Build, Educate, Advance, Transition, in Sickle cell disease). "The study showed us that regular music therapy interventions can give patients a sense of empowerment that they can live well with their disease," he said.

Jane Little, MD, Director of the Adult SCD Clinic at UH Seidman Cancer Center, acknowledged the improved prognosis of SCD, with more patients living past adolescence. "Work like Samuel's demonstrates that a tailored form of education and therapy can help patients better manage their illness while, importantly, developing trusting relationships with their care team," she said.

To assist SCD patients in their transition to adult care, experts at UH Seidman Cancer Center developed a monthly, multidisciplinary "Bridge Clinic" which includes a BEATS session on topics such as medication management, SCD pathophysiology and pain management.

TUMORS MEET THEIR MATCH

A revolutionary clinical trial with the potential to transform cancer treatment is under way at UH Seidman Cancer Center. Targeting the genetic pathway of a patient's tumor, the trial is enrolling patients in its Molecular Analysis for Therapy Choice (MATCH) study, sponsored by the National Cancer Institute (NCI).

"Cancer genomics can be considered the 'Holy Grail' of cancer treatment if you can find the particular gene abnormality within a patient's tumor, and if there is a drug available to target that abnormality," said neurooncologist Lisa Rogers, DO. "Instead of attacking the tumor with traditional cancer-fighting therapies that can also attack normal cells, we can identify what we need to target and treat the cancer more precisely."

The MATCH Trial accepts adults 18 years of age and older with any type of solid tumor or lymphoma that has returned or gotten worse after standard systemic therapy. Patients may also be eligible if they have a rare type of cancer for which there is no standard treatment. One in every four to five screened patients will have a gene abnormality that makes them eligible.

"Identifying a patient's cancer genomics for treatment guidance is an approach often used at UH Seidman Cancer Center," said Christopher Hoimes, MD, Cancer Genomics Program Leader at UH Seidman Cancer Center. "In conjunction with the national genomics labs around the country and our patients' determination and commitment, we are one of the leading centers of the NCI-MATCH."

For more information on the MATCH Trial, contact Deborah Smith at 216-844-8098 or Deborah.Smith@UHhospitals.org.



Lisa Rogers, DO

John J. Letterio, MD, and Seth Uhrman

AN INSPIRATION FOR ALL



"No matter how he was feeling, Andrew was always thinking of others. ... It was because of his kind and giving heart that the Andrew Uhrman Fund was created." – Seth Uhrman

The Uhrman family was rocked when their young son, Andrew, was diagnosed with a rare blood disorder. Helpless, they stood by while Andrew suffered years of relentless illness and hospitalizations. Then, in 2004, their world irreparably turned upside down when Andrew's brief life ended, just weeks after his 10th birthday. Despite their heartbreaking loss, the Uhrman family found comfort in giving back.

Smart, funny and upbeat, Andrew Uhrman loved life and found happiness in the smallest things. "He absolutely adored the snow," said his father, Seth, who recalled the many sledding ramps his son constructed in the yard. "In the hospital there wasn't a lot for him to do and he couldn't go outside. Being able to jump in a pile of snow seems so simple, but for Andrew it was a thrill that he never took for granted. He found ways, as only he could, to maximize joy. So, naturally, he decided to learn how to snowboard."

An eager student, Andrew appreciated school more than most. The fourth-grader readily absorbed new facts, enjoyed learning, and relished the normalcy that came with going to class with his peers. Above all else, though, he cherished the opportunity to be with his sister, Margo, and their yellow Labrador retrievers, Pummel and PJ.

Unfortunately, Andrew spent more days than not at University Hospitals Rainbow Babies & Children's Hospital. With his mom, Anita (Bir) Uhrman at his side, however, he chose not to dwell on the negative and instead served as a constant source of laughter and compassion to those around him.

"Andrew loved to entertain the nurses and interact with patients on the floor," said Anita, remembering the miniature carnivals Andrew would put together during his stays. "He would make games to occupy the other kids and invite staff to join in."

Angie's Institute provides a life-affirming place to fight cancer that, in turn, is improving the treatment experience and

patient outcomes." - John J. Letterio, MD

"He was always finding a way to have fun," added Margo. "He had endless wit and charm and would do anything for a laugh. At the carnival for instance, he charged the medical students and residents to play the games. The other kids thought that was hilarious while my industrious little brother saw an opportunity to collect money for a new Lego set."

Admitted for a bone marrow transplant in 2002, eight-year-old Andrew saw another opportunity to raise funds, this time for the hospital itself. Instead of gifts, he asked that his family and friends make donations to UH Rainbow.

"No matter how he was feeling, Andrew was always thinking of others," said Seth. "He was concerned about the other patients and wanted to help. He was the first one to give back to the hospital and it was because of his kind and giving heart that the Andrew Uhrman Fund was created."

A Family's Endless Compassion

Like his father and grandfather before him, Seth is CEO of State Industrial Products, a cleaning and sanitation product manufacturer founded by his great-grandfather, Jay Zucker, in 1911. Just as the company has been passed down in the Zucker-Uhrman family, so, too, has the importance of philanthropy.

After Andrew's death, his family felt it was important to follow his example and to continue giving back to UH. His great-grandparents, Malcolm and Helene Zucker, made a gift with family and friends to expand and dedicate the Andrew Uhrman Activity Center at UH Rainbow Babies & Children's Hospital in 2006. Equipped with a variety of games and toys, it gives children the space for play and distraction that Andrew had missed.

A year later, Andrew's grandparents, Ronna and Hal Uhrman, made a generous gift toward future new facilities for young cancer patients. "I've worked with kids my whole life," said Ronna, who was a teacher at Ganon Gil Preschool for more than 40 years. "I could see from the beginning that Rainbow was a special place. I will be forever grateful for the way they cared for Andrew and our family."

Most recently, Seth made a meaningful contribution to the Angie Fowler Adolescent & Young Adult Cancer Institute at UH Rainbow Babies & Children's Hospital. One of the first cancer treatment centers in the country to offer separate, age-appropriate space and amenities for pediatric and adolescent and young adult (AYA) patients, Angie's Institute has distinguished itself as a national focal point for AYA oncology treatment and research. Seth's gift, which has been fully matched by an anonymous donor, will drive renovations to create a dedicated space for pediatric and AYA inpatients, named the Andrew Uhrman Inpatient Unit.

"Children and young adults with cancer and blood disorders face a daunting journey," said John J. Letterio, MD, Division Chief, Pediatric Hematology Oncology; Director, Angie Fowler Adolescent & Young Adult Cancer Institute; and Jane & Lee Seidman Chair in Pediatric Cancer Innovation at UH Rainbow Babies & Children's Hospital and Associate Director for Academic Programs, UH Seidman Cancer Center. "Angie's Institute provides a life-affirming place to fight cancer that, in turn, is improving the treatment experience and patient outcomes. Seth and his family are helping us extend that to our inpatients and create a new standard of care."

The Importance of Togetherness

Above everything, Andrew loved his family and treasured their time together, something that Lauren Ramer, 15, can relate to. First diagnosed with cancer at 17 months old, Lauren has endured countless surgeries, drug therapies and hospital stays. "It seems like the world is against me," she said. "But I'm grateful to have an amazing family to lean on." Currently battling bone cancer, Lauren's treatment plan requires her to spend weeks at a time in the hospital. Without a dedicated space of their own, however, AYA inpatients like Lauren are housed at UH MacDonald Women's Hospital.

"When I'm admitted, I'm in an entirely different building from Angie's Institute," she said. "We get amazing care, but there are no public spaces for inpatients or families to gather or meet each other. It's isolating."

Lauren is not alone. In the AYA population, social isolation is the number one emotional factor leading to depression and coping difficulties. That, explained Dr. Letterio, is something that the new Andrew Uhrman Inpatient Unit will seek to change.

"The inpatient unit will complete our vision for Angie's Institute," he said. "It will join our outpatient floor and rooftop garden in Horvitz Tower to create one contiguous, uplifting space where pediatric and AYA patients and families can heal together."

Lauren looks forward to the day that the inpatient unit opens. "When you're inside for a long time, you feel like the walls are closing in on you," she said. "You're so far from a normal childhood already, but when you're with people your own age you don't feel as much like a patient."

A Legacy Worth Leaving

When complete, the Andrew Uhrman Inpatient Unit at Angie's Institute will boast 27 single occupancy inpatient rooms, more than doubling the current capacity, each with a private bathroom, sleeping accommodations for parents and homelike amenities. The space will also feature dedicated isolation rooms for bone marrow transplant patients and larger family patient rooms for those requiring long stays.

In addition to the vibrant colors and textures that define Angie's Institute, pediatric and AYA patients will enjoy separate, age-appropriate recreational areas and lounges, dedicated You're so far from a normal childhood already.

but when you're with people your own age you don't feel as much like a patient."

– Lauren Ramer

classroom space for on-site tutoring and education programs, and a family room with kitchenette.

"The outpatient unit and Angie's Garden transformed pediatric and AYA cancer care at UH," said Dr. Letterio. "But it is critical that we deliver the same state-of-the-art healing environment to our inpatients. The Andrew Uhrman Inpatient Unit will make an immense difference in the lives of young patients and their families."

"Andrew is lost to us, but his compassion, his empathy and his joy will live on at Angie's Institute," said Seth, who serves on the Rainbow Babies & Children's National Leadership Council and is active in the planning for the inpatient floor renovation. "The inpatient unit will create a quality of life for pediatric and AYA patients fighting life-threatening disease as well as the family that is supporting the child.

"This is exactly what Andrew would want us to do." \mathbf{Y}

Help complete the AYA inpatent floor. Make a gift today at UHGiving.org or by calling 216-983-2200.

DIAMOND

CHARITABLE GIFT PLANNING



Legacy Gifts Honor Loved Ones

Family, University Hospitals and charitable giving have long been important to Ronna and Hal Uhrman. Members of the Diamond Legacy Society, the couple made a meaningful gift to UH Rainbow Babies & Children's Hospital when their lives were personally touched by the loss of their grandson, Andrew, in 2004.

When Hal passed away in 2014 following an aggressive battle with frontotemporal dementia (FTD), Ronna once again found peace in giving back. The resulting Harold Uhrman Fund in Brain Health will advance FTD research and expand caregiver resources at UH.

"FTD encompasses a series of rare diseases that cause a relentlessly progressive form of dementia," said Alan J. Lerner, MD, Director, UH Brain Health and Memory Center, and Neurological Institute Chair for Memory and Cognition, UH Neurological Institute. "Unfortunately, it is not widely understood and is often misdiagnosed.

"UH sees patients from throughout Ohio and neighboring states because the pool of specialty care for this disease is so shallow. With Ronna's support, we are becoming a leader in the field and are now the only site in Ohio to have joined the National Institutes of Health's consortium to advance FTD research and treatment.

"But dementia is, ultimately, about people," continued Dr. Lerner. "Ronna knows the importance of research, but she also understands the pain and stress facing caregivers."

Marianne Sanders, RN, BSN, UH Clinical Research Nurse Specialist, knows that family members typically assume the role of caregivers for their loved one, but are often unprepared and untrained. To help, she runs UH's Savvy Caregiver program, a 6-week, small-group course that helps caregivers understand the confusion their loved one is experiencing and how to better communicate with them.

"Dementia doesn't just impact memory," said Marianne. "It can alter reasoning and judgment, impair language and distort perception. Everyone's journey is different – there is no way to predict what will happen or when. But we can give caregivers the support and resources to feel in control as the disease progresses."

"I cannot explain how helpful Dr. Lerner and UH were to me," said Ronna. "When you're in trouble and your husband is suffering, it's a relief to know you have someone to call. They were always there when I needed them. I can't thank them enough."

"It's comforting to know that our gifts will support research and care for generations to come."

– Ronna Uhrman

If Then Tips for Year-Round Giving

As you consider your giving options for making a difference at University Hospitals, knowing some of the "*if-then*" tips that apply to making a charitable gift can help you reach your philanthropic and financial goals. For example, *if* you receive more income during the year from earnings or investments, *then* the timing of a charitable gift is important – a gift made in the same year could significantly reduce your tax bill.

Cash

If you itemize deductions, *then* your cash gift to UH is deductible in that year up to 50 percent of your adjusted gross income, with a five-year carryover for unused deductions.

Appreciated Stock

If you have held stock for more than one year, *then* the full amount of the gift to UH is deductible and no capital gains tax is due on the stock's appreciated value – it's a double tax benefit.

Charitable Gift Annuity

Qualified retirement plans have strict annual contribution limitations. *If* you reach your contribution limit, *then* a charitable gift annuity may be a smart and easy way to make a gift to UH that provides a charitable deduction and income for retirement. *If* you fund a gift annuity with appreciated stock, *then* you also create an additional capital gains tax advantage.

IRA Charitable Rollover

If you are an IRA owner age 70½ or older, *then* your annual required minimum distribution (RMD) presents a gift opportunity if you do not need the income. You can instruct your IRA custodian to make a qualified charitable distribution (up to \$100,000) from your IRA directly to UH that would count toward your RMD – with no tax due! It's a simple, tax-wise way to meet charitable goals and make an immediate impact at UH. And you can make these gifts every year.

Make it Happen

Thoughtful giving throughout the year makes great things possible, maximizing benefits for both you and University Hospitals. **9**

For more information, call the Gift Planning Team at 216-983-2200 or visit UHGiving.org/ GiftPlanning. Consult your advisors on proposed tax law changes.

Gift Planning in All Stages of Life

Whatever your stage in life, it's never too late to get started, and it's never too early to think about the role philanthropy could play in your retirement planning. There are options that make it possible to plan a meaningful gift to University Hospitals, while retaining the flexibility to adjust plans as objectives and finances change.

PERCENTAGE.

Retirement Plan

Designate UH as beneficiary of a portion of your retirement account upon your death.

SPECIFY A 🔍 DOLLAR AMOUNT OR A

Starting Out As you begin your career, gift

without interfering with current cash flow.

planning can allow you to designate future support

Life Insurance Policy Designate UH as beneficiary or contingent

beneficiary of your life insurance policy.

Putting Down Roots Career years can present opportunities to make a gift that supports our mission while providing you with immediate tax benefits and future income.

Gifts of Appreciated Property

Donate long-term appreciated stocks, bonds or mutual funds to UH – you may receive a charitable deduction and avoid paying capital gains tax.

Deferred Gift Annuity

Establish a gift that will pay you and your spouse income when you need it – such as during retirement. You could benefit from an income tax deduction now – and increase future payments by deferring the gift annuity start date.

Bequest

Include a gift to UH in your will or trust. A bequest can be changed, depending on your needs, and should not impact your current finances.

"Giving well" adds meaning to giving. AGE RATE*

65

70

75

80

85

4.7%

5.1%

5.8%

6.8%

7.8%

*Current rates, based on

one life

90+ 9.0%



Prime of Life The transition from work to retirement comes with its own specific planning challenges. Gift Planning can play a role here, too, by helping you realize personal objectives while making a difference for others.

Charitable Remainder Trust

Contribute cash or convert appreciated, lowyielding assets into a diversified portfolio that provides income to you or loved ones, while providing future support to UH.

Charitable Lead Trust

Pass wealth to family members in a taxefficient way and make a generous gift to UH.

THE TRUST PROVIDES INCOME FOR UH NOW. AFTER A SET TERM OF YEARS, THE ASSETS PASS BACK TO YOUR FAMILY.



Gifts of Real Estate or Business Interests

Donate real estate, such as a vacation home or investment property, or a business interest to UH, which may allow you to receive a charitable tax deduction and avoid capital gains tax on any appreciation. **Retirement** The "happily ever after" stage of life is when you realize your plan has succeeded and you have additional flexibility with gift planning to help shape the future.

IRA Charitable Rollover Take advantage of a tax-free gift from your Individual Retirement Account (IRA) that would count toward your required minimum distribution. If you are 70¹/₂ or older, you can transfer up to \$100,000 each year directly from your IRA to UH.

Charitable Gift Annuity

Increase your retirement income and support the purposes you care about at UH. Donate cash or appreciated stock and receive a fixed payment back from UH for life. You also may receive an immediate charitable deduction and other tax benefits

Gifts of Tangible Personal Property

Contribute artwork, collectibles and other items of value to UH that may provide you with a charitable deduction.

Life Insurance

Make a gift to UH of your paid-up policy that is no longer needed and you may receive a charitable deduction for the cash value of the policy. If you purchase a new policy, you could then transfer ownership and benefits to UH.

Endowment

Create an endowment during your life or through a will or trust to perpetuate your annual gifts to UH, providing a legacy for you or a loved one that is personally meaningful.



Giving in all stages of your life can be much more satisfying when personal philanthropy is combined with sound planning. The Gift Planning Team would be happy to work with you and your advisors to discuss gift planning strategies and proposed tax law changes.

Call 216-983-2200 or visit UHGiving.org/GiftPlanning.



UH Celebrates Vision and Service with Annual Mather Awards

n September, UH friends and benefactors gathered at the Cleveland Museum of Art for the Annual Society of 1866 Celebration. UH presented 2017 Samuel L. Mather Visionary Awards to longtime supporters Connie and Jim* Brown, as well as the Miracle Fund, with special recognition to Diana⁺ and Edward J. Hyland and Becky⁺ and Sean P. Hennessy. Jackson T. Wright, Jr., MD, PhD, was named the 2017 UH Distinguished Physician Award honoree.

After their three-and-a-half-year-old granddaughter, KC, was diagnosed with cystic fibrosis, Connie and Jim Brown became tireless advocates for UH Rainbow Babies & Children's Hospital. The couple's meaningful philanthropy led to the KC and Ginny Bryan Pulmonary Diagnostic Unit, the Connie and Jim Brown Chair in Pediatric Pulmonary Survivorship and the 6th floor renovations of Lerner Tower to provide dedicated space for cystic fibrosis care and research. Connie, a past trustee of Rainbow Babies & Children's Foundation, is a member of the Rainbow Babies & Children's National Leadership Council.

Focused on advanced breast cancer research and treatment, the Miracle Fund was inspired by Diana Hyland

(*deceased) (*honored posthumously)



Left to right: 2017 Honorees Sean Hennessy, Ned Hyland, Connie Brown and Jackson T. Wright, Jr., MD, PhD

who lost her battle with metastatic breast cancer. A breast cancer patient herself, Becky Hennessy served as a longtime co-chair of the fund's golf outing until her passing earlier this year. In her memory, the 2017 event was renamed the Becky Hennessy Golf Classic. With the support of many friends and family members, Ned Hyland, Sean Hennessy and the Miracle Fund have raised more than \$4.5 million since the fund's inception in 2008, benefitting research at UH Seidman Cancer Center and advancing care through the Diana Hyland Chair for Breast Cancer and the Becky Hennessy Endowed Master Clinician in Breast Cancer Genomics.

In recognition of his achievements in hypertension research, Dr. Jackson T. Wright, Jr., Program Director, William T. Dahms, MD, Clinical Research Unit and Director, Clinical Hypertension Program, UH Cleveland Medical Center, was honored as the 2017 UH Distinguished Physician Award honoree. Dr. Wright is widely regarded for his groundbreaking research and advancement of clinical care guidelines in hypertension. Celebrated for his career-long commitment to the field, Dr. Wright has played a critical role in establishing modern-day blood pressure treatment strategies for the benefit of patients worldwide.

Biennial Five Star Sensation



Left to right: Thomas F. Zenty III, UH Chief Executive Officer; Debbie Wert; Chef Michael Symon; Kathy Coleman; and Daniel I. Simon, MD, President, UH Cleveland Medical Center



Once every two years, Cleveland enjoys a highly anticipated evening of world-class food and drink at Five Star Sensation, the premier benefit for UH Seidman Cancer Center. A landmark culinary celebration, the biennial event debuted in 1987 and in the 30 years since has raised nearly \$20 million to support cancer research and community outreach programming.

Under the leadership of co-chairs Kathy Coleman and Debbie Wert, and corporate chair Sean Richardson, president of Huntington Bank's Greater Cleveland Region, Five Star Sensation dazzled attendees again this year. Host Chef Michael Symon was joined by a star-studded list of 80 chefs and vintners who delighted crowds with small dish fare and a global wine selection. Live entertainment, a silent auction and a wine pull rounded out the night.

"Five Star Sensation is an amazing event that supports an even more amazing cause," said Debbie. "The physicians and care providers at UH Seidman Cancer Center are in a class of their own – their compassion and personalized care are unmatched," added Kathy.

View the 2017 Five Star Sensation photo gallery at FiveStarSensation.org.

STERIS Chair Recognizes Excellence in Medicine

University Hospitals' Department of Medicine Chair Robert A. Salata, MD, has been named the inaugural STERIS Endowed Chair of Excellence in Medicine. Dr. Salata, who also serves as UH's Physician-in-Chief and Medical Director, Infection Control and Prevention, was previously appointed as the inaugural Master Clinician in Infectious Diseases in 2015.

An internationally recognized researcher and expert in infectious diseases and global health, Dr. Salata is widely respected for his work in clinical HIV/AIDS research. Since 1985, he has worked tirelessly to improve the quality of patient care at UH and has long been regarded by his peers and students alike as a devoted clinician, research and educator.

STERIS Corporation has funded clinical research programs at UH for years, allowing physicians and researchers to stay at the forefront of their fields. In addition to the STERIS Chair, the company generously supported the Master Clinician in Infectious Diseases.

"UH is an academic medical center, meaning we want to go beyond providing great care and actually improve the standard of care, because that's how you save more lives. You accomplish this through research and the education of the next generation of young physicians, which is what makes endowed positions like the STERIS Chair so invaluable." – Robert A. Salata, MD



Michael and Grace Drusinsky with inaugural Drusinsky Chair Robert J. Gillespie, MD (center)

Enduring Support and Endless Gratitude

Robert J. Gillespie, MD, Associate Program Director, Orthopedic Surgery and Chief, Shoulder and Elbow Surgery, UH Cleveland Medical Center, has been named the inaugural Michael and Grace Drusinsky Endowed Chair in Orthopaedic Surgery and Sports Medicine.

Through a generous \$1.5 million gift, Michael and Grace Drusinsky recently established the chair in appreciation of Dr. Gillespie's care. "My whole

EVERY DAY, I AM ABLE TO HELP PEOPLE GET BETTER, TRAIN THE NEXT GENERATION OF SURGEONS AND CONTINUE TO PERFORM LEADING-EDGE RESEARCH. I LOVE WHAT I DO. " – Robert J. Gillespie, MD life has been about sports, and I can hardly remember a day that I didn't work out," explained Michael. "When my body got to the point that I was no longer able to participate at a level acceptable to me, I knew I needed the help of the UH Sports Medicine team. Thanks to Dr. Gillespie, I'm back to my active lifestyle."

Dr. Gillespie reciprocated his appreciation for the couple at his appointment celebration in August. "The best part of Michael and Grace Drusinsky is their incredible generosity and how down to earth they are," he said. "They represent everything that we hope and strive to have here at UH – integrity, generosity and kindness. I am incredibly humbled with the honor of being the first recipient of a chair that bears their name."

Inducted into the Samuel Mather Society in 2016, the Drusinskys' philanthropy previously led to the creation of the Drusinsky-Fanaroff Chair in Neonatology. Additionally, Michael sits on the Rainbow National Leadership Council, and with Grace, serves on the National Art Leadership Council at UH.

Through his endowed position, Dr. Gillespie will receive annual support to advance his clinical research and ongoing medical education, as well as provide him with the opportunity to further explore alternatives to traditional orthopedic treatments.

UH Connor Integrative Health Granted Support for Clinical Integration Trials

With a focus on finding non-opioid and nonpharmaceutical-based therapies to treat chronic pain and other medical conditions, UH Connor Integrative Health Network is committed to integrating complementary medicine into traditional patient care plans. Recent support from The Elisabeth Severance Prentiss Foundation will further this effort, fueling three multi-year clinical integration trials to determine the protocols and training needed to effectively weave integrative medicine throughout the fabric of the health system.

"The Elisabeth Severance Prentiss Foundation has a long history of advancing patient care at UH," said Francoise Adan, MD, Medical Director, UH Connor Integrative Health Network and inaugural Christopher M. & Sara H. Connor Master Clinician in Integrative Health. "Their investment in these trials will help us partner with UH physicians and staff to better meet the unique and diverse needs of our patients through more comprehensive and personalized care."

Launched in 2011 through a generous gift from Sara and Chris Connor, UH Connor Integrative Health Network offers evidence-based therapies and programs ranging from acupuncture and massage therapy to stress management and integrative psychiatry to help patients achieve optimal health and well-being.





Alan H. Markowitz, MD, and inaugural Markowitz Master Clinician Vikram S. Kashyap, MD

Leading Cardiovascular Surgeon Inspires New Endowed Position

At a July celebration, Vikram S. Kashyap, MD, was named the inaugural Alan H. Markowitz, MD, Master Clinician for Cardiac and Vascular Surgery. The endowed position will support Dr. Kashyap's efforts to create a seamless, innovative collaboration between the divisions of vascular and cardiac surgery in the investigation and repair of complex aortic diseases that span both specialties.

Named in honor of Alan H. Markowitz, MD, Director, UH Heart Valve Center, UH Harrington Heart & Vascular Institute, the Markowitz Master Clinician was established through the collective philanthropy of many friends and benefactors, and serves as an enduring tribute to Dr. Markowitz's remarkable career.

Among the world's most experienced surgeons in the implantation of prosthetic aortic devices, Dr. Markowitz holds the prestigious Marcella "Dolly" Haugh Chair in Valvular Surgery and, in 2015, received the UH Distinguished Physician Award – UH's highest honor to a physician.

"In my time at UH, I've had the pleasure and privilege to work alongside and learn from Alan," said Dr. Kashyap. "He is a master surgeon, an amazing teacher and a generous colleague. In addition, his jovial nature and humility endear him to his patients. As the Markowitz Master Clinician, I will strive to follow his example."

True

Roger Daltrey (center) with event co-chairs Char and Chuck Fowler



Over 300 guests enjoyed "A Rockin' Summer Soiree" at The Shoreby Club this July to benefit the Angie Fowler Adolescent & Young Adult Cancer Institute at UH Rainbow Babies & Children's Hospital. The evening, hosted by the Bratenahl Rainbow Circle of Friends and co-chaired by Char and Chuck Fowler, raised \$300,000 to support Angie's Institute.

Guest-of-honor Roger Daltrey, legendary frontman of the rock band, The Who, charmed the captivated audience with an acoustical set of the band's iconic music and shared thoughts about the mission close to his heart. "I was in The Who when I was 18 years old and without the support

of this age group, our business wouldn't be there," he said. "It's an easy way for me to say, 'Thank you.'"

Daltrey and bandmate Pete Townsend co-founded the United Kingdom's Teenage Cancer Trust and WHO Cares Teen Cancer America to help teens and young adults fighting cancer.

Earlier that day, Daltrey visited with patients at Angie's Institute, the state-of-the-art facility established by the Fowler family in honor of their daughter, Angie, who died of melanoma at the age of 14. While there, the rocker provided a signed guitar for display in the teen inpatient unit and remarked, "Cleveland, and this unit in particular, will go down as the gold standard for how adolescents and young adults should be treated in the hospital."

Help advance the mission of Angie's Institute – support the cause at UHgiving.org.



Krystal Tomei, MD, MPH

New Fellowship Aims to Develop Physician Leaders

Established by Carol and Art Anton in 2016, the Anton Fellowship for Physician Leadership offers physicians a unique opportunity to develop their leadership skills through a combination of classroom, project and experiential learning. The inaugural fellowship was recently awarded to pediatric neurosurgeon Krystal Tomei, MD, MPH, Reinberger Endowed Director in Pediatric Neurological Surgery.

"When I came to UH Rainbow Babies & Children's Hospital, I embarked on a journey to make a difference, both in the lives of my patients, and within the health system," said Dr. Tomei, who was recruited in 2014. "I'm honored to have this opportunity to further develop the leadership skills that will help me to expand innovative programs for our community in Northeast Ohio."

The Anton Fellowship further reinforces UH's commitment to leadership development, particularly among minority physicians. "I sit among the approximately five percent of practicing neurosurgeons in the country who are female, and there is a similar minority of women in hospital leadership roles," explained Dr. Tomei. "I'm truly grateful to receive an opportunity like the Anton Fellowship so early in my career."

reflections



Joan Zoltanski, MD, MBA, Fred C. Rothstein, MD, Chief Experience Officer, University Hospitals

Ensuring a Positive Patient Experience

In my experience as a pediatric critical care doctor, my team and I have had to perform complex medical procedures. Afterward, parents were thankful for our medical expertise, but often patients and their families expressed particular gratitude for the personal attention the team provided. Those special touches that patients and their families recall are the essence of patient experience.

In my current role as the Fred C. Rothstein, MD, Chief Experience Officer, University Hospitals, I work to ensure that every UH patient is cared for with compassion and service excellence. All of us at UH strive every day to make the lives of patients better. When patients come to UH and meet our employees, they will find people who are inspired to provide compassionate care to patients. We have a 151-year history of providing innovative health care with heart.

UH has always focused on this important aspect of medical care – it is who we are. Now, hospitals and health systems

across the U.S. are scored on key metrics that convey the quality of the patient experience. We have been working on enhancing the experience for every patient during every interaction – using the latest technology and national best practices. Patient satisfaction scores have confirmed UH's leading role in patient-centric care.

Every moment at UH is an important moment for our patients. Our employees and volunteers understand that they are all part of the patient experience, even if they are not directly involved in patient care. All of us are inspired, engaged and offer high quality care when we prioritize patient experience.

People go into medicine because they want to make the world a better place. I believe that because patient experience is at the core of what we do, UH delivers the compassionate care that we are known for – and we will continue to provide that high quality care for you, your family and every patient.



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Your Medical Care. Your Choices.

At University Hospitals, we are committed to providing quality, convenient care at more than 200 locations across Northeast Ohio. Our network of hospitals, ERs, urgent care and physician offices makes accessing care easier than ever. We even offer 24/7 care with UH Virtual Visit, where a doctor is only a call or click away.

With All These Options and More, Count on UH for All of Your Family's Health Care Needs – Any Time and Any Where.

