A stronger, healthier West Baltimore: That’s the objective of the University’s community engagement initiatives and our promise as the Westside’s anchor institution.

A grant program we announced this fall works in two ways to achieve this end. The UMB CURE Scholars Program — a partnership between the University of Maryland, Baltimore (UMB) and the University of Maryland Marlene and Stewart Greenebaum Cancer Center (UMGCC) — will put talented, curious students from West Baltimore on a path to high-wage, high-reward careers in cancer-related health care and research.

The pilot program is supported with a $750,000 grant from the National Cancer Institute’s Center to Reduce Cancer Health Disparities and is modeled on the center’s successful CURE (Continuing Umbrella of Research Experiences) Scholars Program, which provides biomedical research training and career development to scholars from diverse groups and disadvantaged backgrounds. This continuum of support follows students all the way from high school to their first academic appointment.

The UMB CURE Scholars Program is similar to the national program — with one important difference: Our program will start even earlier, in middle school, when academic and career interests begin to take shape, when it’s especially important to engage students of diminishing attention spans in experiential learning, and before difficulty in STEM subjects turns them off to careers in the health sciences.

Getting West Baltimore students into the best biomedical jobs isn’t a solo effort. The program will build on already strong partnerships we’ve developed with the Mayor’s Office, with West Baltimore schools, churches, and neighborhood associations, with the city’s civic and philanthropic organizations, and with our fellow colleges and universities.

The grant funds two years of activities. In the first year, we’ll study current pipeline programs and identify existing resources that might be applied to the CURE Scholars. Through town hall meetings, we’ll gather input from students, parents, and community and faith leaders, so that, together, we can shape the program’s design and implementation.

In Year 2, we’ll identify the first cohort of UMB CURE Scholars — about two dozen West Baltimore middle schoolers. We’ll invite them into our labs for hands-on experience in basic science. On campus visits, they’ll interact with our world-class oncology faculty and graduate students. A summer camp will provide intensive — and fun — science, math, and technology education and a behind-the-scenes look at careers in cancer research and care. Eventually, the CURE Scholars themselves will mentor younger students so that we keep building this pipeline, all the way back to the earliest grades.

It’s critically important that we get students of color into biomedicine. It’s important not only because access to good-paying jobs lifts up families and transforms neighborhoods, but because cancer and other chronic diseases devastate communities like West Baltimore. Cancer diagnoses and deaths are higher in Baltimore than they are statewide; the cancer mortality rate among the city’s African-American residents is nearly 40 percent higher than the Maryland average.

We need our population of health scientists and clinicians to better reflect the populations of people they serve. Studies show that under-represented minority practitioners are more likely to treat minority and other medically underserved patients; that patients and practitioners who share a race, ethnicity, or language enjoy better interpersonal relationships and communication; and that these relationships increase the likelihood that patients will accept and receive appropriate care.

Pipeline programs like UMB CURE Scholars are therefore key to shrinking the yawning disparities we have in this country — and this city — in terms of health care delivery and health outcomes.

The students in our schools now and the ones who come after them can play a significant role in slowing or stopping the cancer epidemic consuming their neighborhoods. They can rewrite what’s possible in terms of disease treatment and eradication. And if we’re really lucky, they can do all this right here at UMB, where diversity is a core value.
I thank several people instrumental to the program’s success:

• Principal investigator Kevin Cullen, MD, UMGCC director and professor of medicine and pharmacology at the School of Medicine;

• Program liaison Bret Hassel, PhD, associate professor of microbiology and immunology at the School of Medicine and part of the Program in Oncology at UMGCC;

• Community liaison Brian Sturdivant, MSW, director of strategic initiatives and community partnerships at UMB; and

• Program consultant Elsie Stines, CRNP, pediatric nurse practitioner at the University of Maryland Medical Center and director of special projects at UMB.

When we announced this grant at a news conference several weeks ago, we were joined by U.S. Rep. Elijah Cummings, a passionate advocate for the children and families of West Baltimore. He underscored the power of this program by relaying a defining event of his youth.

One summer, when Cummings was 11 years old, Juanita Jackson Mitchell, the first African-American woman to practice law in Maryland, came to his South Baltimore neighborhood. She told Cummings and his friends that they didn’t have to line up and take turns in their tiny neighborhood wading pool, only 2 feet deep — that there was an Olympic-sized swimming pool several blocks away. Only later did Mitchell tell them that the pool was for whites only.

And so, as a middle school student, Cummings became part of a group of African-American children who would integrate the Riverside Park swimming pool. Every day for a week, they marched to the pool, suffering terrible slurs and abuse. But on the seventh day of their march, they prevailed and the pool was opened to all.

“That was an empowering moment for me,” Congressman Cummings said. “That was the first time I learned I had rights. And it was a lawyer who taught me that. At that moment, I knew I wanted to be a lawyer.” And he became one, graduating from our law school in 1976.

With the UMB CURE Scholars Program, we have a chance to be that same kind of catalyst for the children of West Baltimore. With our guidance and support, they might come to that same “aha moment” and decide on a career dedicated to ending the diseases that ravage their families, their neighborhoods, and their city.

This is an intensive, multi-pronged program that we hope to sustain long into the future. Its success will depend on the enthusiastic efforts of many of us. And so I hope we’ll come together to build a program that’s effective and replicable — one that serves as a national model for developing a capable and diverse population of cancer researchers and clinicians, one that joins us to the community in a bid to deliver on our promise of a stronger, healthier West Baltimore.
University of Maryland, Baltimore

congratulates

UNIVERSITY OF MARYLAND
SCHOOL OF SOCIAL WORK
INSTITUTE FOR INNOVATION AND IMPLEMENTATION

on being named a “2014 Top Work Place”
by The Baltimore Sun
Peter N. Gilbert, MSF, chief operating officer and senior vice president at the University, was chosen for a pilot program to study future challenges facing higher education. He will join leaders from top colleges and universities in the first training program of the Academy for Innovative Higher Education Leadership. Nominated by William E. “Brit” Kirwan, PhD, chancellor of the University System of Maryland (USM), Gilbert was the only USM nominee.

Kevin Kelly, JD, was named the University’s chief government affairs officer and associate vice president. Kelly, who has led the Office of Government Affairs on an interim basis since January, replaces Barbara Klein, MPA, who retired last year.

Alexa Mayo, MLS, AHIP, associate director for services at the Health Sciences and Human Services Library (HS/HSL), received the 2014 Award for Professional Excellence by a Health Sciences Librarian during the annual meeting of the Mid-Atlantic Chapter of the Medical Library Association (MAC-MLA), held in Alexandria, Va., in October. Mayo and M.J. Tooey, MLS, AHIP, FMLA, HS/HSL executive director and associate vice president, academic affairs, presented the paper “Advancing the Success of the Research Enterprise: Research Connection” during the annual meetings of the MAC-MLA and the MLA’s Southern Chapter in Mobile, Ala. HS/HSL librarians presenting posters were: Gail Betz, MLIS; Everly Brown, MLIS; Tony Nguyen, MLIS, AHIP; Andrea Goldstein Shipper, MLIS; Sheila Snow-Croft, MLIS, MA; Mary Ann Williams, MLS; Kimberly Yang, JD, MLS; and C. Andrew Youngkin, MLS, AHIP.

“The Impact of Institutional Ethics on Academic Health Sciences Library Leadership: A Survey of Academic Health Sciences Library Directors,” written by M.J. Tooey, MLS, AHIP, FMLA, executive director of the Health Sciences and Human Services Library and associate vice president, academic affairs, was published in the Journal of the Medical Library Association.

“Disparity in Dental Coverage Among Older Adult Populations: A Comparative Analysis Across Selected European Countries and the USA,” co-written by Richard Manski, DDS, PhD, MBA, professor and chief of the Division of Dental Public Health, was published in the November issue of the International Dental Journal.
“Prosthetically Driven Implant-Guided Surgery,” written by Elias Rivera, DDS, MS, assistant professor in the Department of Endodontics, Prosthodontics and Operative Dentistry, and Peterson Huang, DMD, MS, prosthodontics resident, was published in the fall issue of the ACP Messenger, a publication of the American College of Prosthodontics.

“Epigenetic Upregulation of Metabotropic Glutamate Receptor 2 in the Spinal Cord Attenuates Oestrogen-Induced Visceral Hypersensitivity,” co-written by Richard Traub, PhD, professor in the Department of Neural and Pain Sciences, was published in the November issue of the journal Gut.

FRANCIS KING CAREY SCHOOL OF LAW

Clinton Bamberger, JD, professor emeritus, spoke at the Baltimore Bar Library’s “Countdown to 175,” which celebrated the 175th anniversary of the library’s founding.

Ellen Cornelius, JD ’05, and Markus Rauschecker, JD ’06, adjunct faculty members and senior law and policy analysts at the Center for Health and Homeland Security, presented at the National Initiative for Cybersecurity Education Conference, held in November in Columbia, Md.

At the 2014 Public Health Law Conference, held in October in Atlanta, Michael Greenberger, JD, professor and director of the Center for Health and Homeland Security (CHHS), made the presentation “Legal Preparedness After Hurricane Sandy.” Also during the conference, Trudy Henson, JD ’08, CHHS public health program manager, and Amy Major, JD ’07, CHHS associate director, presented for the session “Alternate Care Sites: Legal Issues, Challenges, and Best Practices.” Greenberger also presented at George Mason University in Fairfax, Va., in November for the seminar “Data Collection and Vested Organizations: Do Wall Street and the NSA Always Win?”

“Capital’s Offense: Law’s Entrenchment on Inequality,” a review of Thomas Piketty’s book Capital in the Twenty-First Century by Frank Pasquale, JD, MPhil, professor, was published by boundary 2, a Duke University Press journal on literature and culture.
“Rule of Law for Nature: New Dimensions and Ideas in Environmental Law,” a book review by Robert Percival, JD, MA, the Robert F. Stanton Professor of Law and director of the Environmental Law Program, was published in the journal Transnational Environmental Law.

“Requiem for Regulation,” written by Garrett Power, LLB, LLM, professor emeritus, was published in the Environmental Law Reporter.

Michael Vesely, JD ’06, senior law and policy analyst at the Center for Health and Homeland Security, joined security experts from around the world in November for the discussion “Lone Actors – an Emerging Security Threat” during a NATO-sponsored research workshop in Israel.

Man Charurat, PhD, associate professor in the Division of Epidemiology and Prevention, Institute of Human Virology, received a five-year, $3.1 million award from the National Institutes of Health for the study “Microbiome Affects Risk of Growth in HIV-Exposed but Uninfected Infants — Nigeria.” Charurat was given the award in collaboration with Claire Fraser, PhD, professor in the Department of Medicine and director of the Institute for Genome Sciences.

Erik de Leeuw, PhD, assistant professor in the Division of Basic Science and Vaccine Development, Institute of Human Virology, received a $100,000 award from the Maryland Innovation Initiative for a study to optimize a synthetic compound that has potent antibacterial activity against multidrug resistant ESKAPE bacterial pathogens, which infect vulnerable patient populations.

Matthew Frieman, PhD, assistant professor in the Department of Microbiology and Immunology, received the Innovator of the Year Award from the Maryland newspaper The Daily Record. Frieman was recognized for his work on developing therapeutics for the Middle East Respiratory Syndrome coronavirus.

Robert Gallo, MD, the Homer and Martha Gudelsky Distinguished Professor in Medicine and director of the Institute of Human Virology, received the Bonino Pulejo International Prize at the University of Messina in Sicily, Italy. The award recognizes Gallo’s research on viral proteins and human retroviruses.

The U.S. patent “Transapical Mitral Valve Repair Device” was issued to James Gammie, MD, professor in the Department of Surgery and chief of the Division of Cardiac Surgery; Mehrdad Ghorieshi, MD, assistant instructor in the Department of Surgery; and Rahul Patel, MD, assistant professor in the Department of Diagnostic Radiology.

The Genomics Resource Center (GRC) at the Institute for Genome Sciences received a two-year, $1.6 million contract funded by the Food and Drug Administration to sequence, assemble, and annotate a population of bacterial pathogens. The GRC is led by Luke Tallon, PhD, scientific director, and Lisa DeShong Sadowicz, PhD, administrative director.
Ronna Hertzano, MD, PhD, assistant professor in the Department of Otorhinolaryngology — Head and Neck Surgery, was awarded a $1.5 million grant from the U.S. Defense Department for the project “Towards a Molecular Understanding of Noise-Induced Hearing Loss.” The project is a collaboration among the School of Medicine; the University of Maryland, College Park; and the Netherlands Cancer Institute.

W. Jonathan Lederer, MD, PhD, professor in the Department of Physiology and director of the Center for Biomedical Engineering and Technology, is the co-recipient of the 2015 Peter Harris Distinguished Scientist Award from the International Society for Heart Research (ISHR). The award will be presented during an ISHR meeting in Bordeaux, France, in July 2015.

Department of Medicine faculty members Toni Pollin, PhD, MS, associate professor, and Alan Shuldiner, MD, the John L. Whitehurst Endowed Professor, associate dean for personalized and genomic medicine, and director of the Program in Personalized Medicine, received a four-year, $3.74 million grant from the National Human Genome Research Institute for “Genomic Diagnosis and Individualized Therapy of Highly Penetrant Genetic Diabetes.”

Bhawna Poonia, PhD, assistant professor in the Division of Basic Science and Vaccine Development, Institute of Human Virology, received a two-year, $150,000 award from the National Institutes of Health for the study “Genetic Polymorphisms in Rhesus Macaque FcRn and Association With IgG Levels.”

Fabio Romerio, PhD, assistant professor in the Division of Basic Science and Vaccine Development, Institute of Human Virology, received from the National Institute of Allergy and Infectious Diseases a one-year, $183,677 administrative supplement to his prime grant “Cell Surface Marker Combinations to Identify Latently Infected CD4+ Cells In Vivo.”

Nirav Shah, MD, FCCP, assistant professor in the Department of Medicine, received a five-year, $1,070,568 Career Development Award from the U.S. Department of Veterans Affairs for “Temperature-Dependence of Endothelial Barrier Functions in Acute Lung Injury,” under the mentorship of Department of Medicine colleagues Sergei Atamas, MD, PhD, associate professor; Simeon Goldblum, MD, professor; and Jeffrey Hasday, MD, professor. Goldblum also received a four-year, $649,954 grant from the Department of Veterans Affairs for “NEU1 Sialidase Disrupts CD31-Driven Angiogenesis in Human Lung Endothelia.”

Eric Sundberg, PhD, associate professor in the Division of Basic Science and Vaccine Development, Institute of Human Virology, received a $75,000 award from the National Psoriasis Foundation for the study “Treating Psoriasis by Inhibiting IL-36 Signaling Inside the Cell and Out.”

Zhekang Ying, PhD, assistant professor in the Department of Medicine, received a five-year, $1.6 million grant from the National Institutes of Health for “Hypothalamic Inflammation in Insulin Resistance.”

SCHOOL OF NURSING

Susan Bindon, DNP ’11, RN-BC, CNE, assistant professor, passed the National League for Nursing's Certified Nurse Educator exam. The program recognizes excellence and innovation in the advanced specialty role of the academic nurse educator.
Barbara Dobish, MSN, RN, assistant professor, received the Outstanding Nurse Educator Award from the Maryland Nurses Association. The award recognizes an association member for excellence in nursing education, continuing education, or staff development.

Ann Mech, JD, MS ’78, BSN ’76, RN, assistant professor and coordinator of legal affairs, received the Richard G. McCauley Leadership Award, presented by the Horizon Foundation of Howard County. The award honors community leaders who have had a transformative effect on institutions and organizations in Howard County.

Mary Regan, PhD, RN, associate professor, was appointed co-director of the school’s Center for Health Outcomes Research. Regan is the principal investigator of the grant “Influence of Modifiable Factors on the Vaginal Microbiota and Preterm Birth,” funded by the National Institute of Nursing Research.

Lisa Rowen, DNSc, MS ’86, RN, FAAN, associate professor and senior vice president and chief nursing officer at the University of Maryland Medical Center, is among 25 alumni who will receive the inaugural Visionary Pioneer Awards from the school during its 125th anniversary gala in April.

SCHOOL OF PHARMACY

Student Olajumoke Amuwo received the Noreen Wilson Book Award from the Student National Pharmaceutical Association and a Maryland Pharmaceutical Society scholarship.

Department of Pharmacy Practice and Science faculty members Nicole Brandt, PharmD, professor, and Catherine Cooke, PharmD, research associate professor, received a Platinum Award from the Academy of Managed Care Pharmacy for their research on compliance with requirements for medication therapy management program information on Medicare Part D websites.

Student Louise Djapgne received a Meyerhoff Graduate Fellowship from the University of Maryland, Baltimore County.

Natalie D. Eddington, PhD, dean and professor, and executive director of University Regional Partnerships, was named to the Board of Directors of the Monarch Academy, a public charter school in Baltimore.

Students Sherry Chen and Arlene Gao won the 2014 American Society of Health-System Pharmacists Local Clinical Skills Competition.
Wendy Klein-Schwartz, PharmD, associate professor in the Department of Pharmacy Practice and Science, was named vice chair of research for the department.

Student Zhongqiang Lin received a Graduate Student Scholarship Award from the 2014 International Pharmaceutical Excipient Council Foundation.

Raymond Love, PharmD, professor in the Department of Pharmacy Practice and Science, received a one-year, $899,899 contract from the Maryland Department of Health and Mental Hygiene for “FY15 Antipsychotic Prescription Monitoring.”

Joey Mattingly, PharmD, MBA, assistant professor in the Department of Pharmacy Practice and Science, was named to the Board of Directors of the Maryland Chapter of the American Society of Consultant Pharmacists.

Jill Morgan, PharmD, associate professor in the Department of Pharmacy Practice and Science, was named to the Resolutions Committee of the American Association of Colleges of Pharmacy’s Administrative Services Special Interest Group.

Student Patience Moyo received a Junior Investigator Travel Award from the National Institute on Drug Abuse to attend the Addiction Health Services Research Conference, held in October in Boston.

Magaly Rodriguez de Bittner, PharmD, professor and chair of the Department of Pharmacy Practice and Science, received a seven-month, $42,301 contract from the Baltimore Washington Medical Center for “Joint Clinical and Education Collaboration.”

Linda Simoni-Wastila, PhD, professor in the Department of Pharmaceutical Health Services Research, received an eight-month, $161,920 contract from the Maryland Department of Health and Mental Hygiene for “Prescription Drug Monitoring Program Evaluation.”

Bruce Stuart, PhD, professor in the Department of Pharmaceutical Health Services Research and director of the Peter Lamy Center on Drug Therapy and Aging, received a 16-month, $19,998 contract from pharmaceutical company Pfizer for “Assessing the Costs of Disability Among Medicare Beneficiaries.”

The new book From Evidence to Outcomes in Child Welfare: An International Reader includes a chapter on the common elements by Richard P. Barth, PhD, MSW, dean and professor, and Bethany Lee, PhD, associate professor and associate dean. The book also includes a chapter about implementation science by Nancy Dickinson, PhD, clinical professor.

“The Impact of Mentor Mother Programs on PMTCT Service Uptake and Retention-in-Care at Primary Health Care Facilities in Nigeria: A Prospective Cohort Study (MoMent Nigeria),” the writers of which include Llewellyn Cornelius, PhD, professor, and Joshua Okundaye, PhD, associate professor at the University of Maryland, Baltimore County, was published in the Journal of Acquired Immune Deficiency Syndromes.
Student Shanelle Geddis was chosen to participate as a social work fellow in the Johns Hopkins Adolescent Health Leadership Training Program.

The new book *The Psychology of Black Boys and Adolescents* includes the following chapters written by Geoffrey Greif, PhD, professor: “African American Mothers of Academically Successful Sons” and “African American Single Mothers Raising Sons.”

Bronwyn Mayden, MSW, assistant dean, received the Reginald F. Lewis Museum of African American History and Culture’s Community Service Award for her work in West Baltimore for the school’s Promise Heights program. Promise Heights received the Family League of Baltimore City’s Community Partner Award for its work building an integrated series of programs to help children in poverty.

“Validation of the Use of the Effort-Reward Imbalance Scale in Human Services Using Confirmatory Factor Analysis,” written by student S. Colby Peters and Karen Hopkins, PhD, associate professor, was published in the *Journal of the Society for Social Work and Research*.

The school was awarded a $1.3 million grant from the U.S. Health Resources and Services Administration to support students interested in a career in behavioral health services with children and adolescents. The project — Behavioral Health Workforce Integration Service and Education — is led by Paul Sacco, PhD, assistant professor; Bethany Lee, PhD, associate professor and associate dean; and Laura Loessner, MSW, field coordinator.

**Nominate a Co-Worker for Regents’ Staff Awards**

Have you ever witnessed exceptional performance by a co-worker at the University of Maryland, Baltimore (UMB) and thought to yourself “that person deserves to be recognized”? *Well, here is your chance.*

The Board of Regents’ Staff Awards process has begun and UMB is looking to nominate some of its exceptional people. The Staff Awards represent the highest honor bestowed by the Board of Regents for achievements of exempt and nonexempt staff employees from institutions within the University System of Maryland. If you know a co-worker who goes above and beyond, please submit a nomination. You do not need to be a supervisor or a manager to nominate someone.

The awards are presented to staff employees who have demonstrated excellence in one of the following categories:

1. Exceptional Contribution to the Institution and/or Unit
2. Outstanding Service to Students in an Academic or Residential Environment
3. Extraordinary Public Service to the University or Greater Community
4. Effectiveness and Efficiency Regarding an Academic or Administrative Transformation with Savings of $10,000 or more

There will be two awards given in each of the above categories — one for exempt staff and one for nonexempt staff — for a total of eight awards. The winners will receive a $1,000 stipend as well as a plaque. It would be a great honor for our University to have at least one winner of this prestigious award.

Award nomination packets are due by Friday, Jan. 16, 2015, and can be sent to Colette Beaulieu at cbeaulie@hsbisl.umaryland.edu. Thank you for your assistance.