CUMC CELEBRATES is a monthly publication that acknowledges faculty, staff, and students at Columbia University Medical Center who receive major research grants, who receive prestigious awards, who are elected to honorary societies, or who take leadership positions in professional organizations. Celebrates also gratefully acknowledges the gifts made by donors and friends of the Medical Center and highlights faculty who have appeared in the news recently.

If you have an award or honor that you would like to have listed in Celebrates, please fill out this online form. Please note: all federal grants are automatically included based on institutional data. For more information, send an email to the Celebrates editor.

Dear Colleagues:

Although the academic year has come to a close, the CUMC campus remains as vibrant as ever. Research in our labs moves forward with remarkable results, while Facilities crews are hard at work making infrastructure improvements campus wide. Summer educational programs are in full swing, and in only eight weeks we will welcome hundreds of new medical, dental, public health and nursing students to our campus.

Overall, the past year has seen impressive growth. Our NIH research awards are up 5 percent, even though the overall NIH budget is flat. New philanthropic commitments have already reached the benchmark we set in 2011, and with one month to go we are looking forward to a record-setting year of giving.

There is much to be proud of from every corner of the CUMC campus, and I will highlight many of those successes during the annual State of the School presentation on Tuesday, June 19, at 4 p.m. in P&S Alumni Auditorium. While the presentation is focused primarily on the College of Physicians and Surgeons, I invite you to attend to also hear the results of our yearlong strategic planning process, which will ultimately affect all of CUMC with new initiatives in research, education, campus life and clinical care.

This is an exciting time to be a member of the CUMC community. I hope you will join me on June 19 to learn more about what is in store for our future.

Lee Goldman, MD
Dean of the Faculties of Health Sciences and Medicine,
Executive Vice President for Health and Biomedical Sciences
Columbia University Medical Center

RESEARCH GRANTS
(REPRESENTATIVE LISTING)

COLLEGE OF PHYSICIANS AND SURGEONS

Qais Al-Awqati, MD, Department of Medicine-Nephrology, has received $397,000 over five years from the National Institute of Diabetes and Digestive and Kidney Diseases for “Training Medical Students in NIDDK Research.”

David Bickers, MD, Department of Dermatology, has received $1.8 million over five years from the National Institute of Environmental Health Sciences for “Mechanism-based Abrogation of BCC Pathogenesis.”

Mark Churchland, PhD, Department of Neuroscience, has received $300,000 over three years from the Searle Scholars Program for “A Dynamical Systems Approach to Fundamental Questions in Neuroscience.”
RESEARCH GRANTS

COLLEGE OF PHYSICIANS AND SURGEONS (continued)

Raphael Clynes, MD, PhD, Department of Pathology & Cell Biology, has received $1.66 million over five years from the National Cancer Institute for “Enhancing the Vaccinal Effect of Antitumor Antibodies.”

Thuy-Tien Dam, MD, Department of Medicine, has received $643,000 over four years from the National Institute on Aging for “Low Magnitude Mechanical Stimulation to Increase Muscle Strength Among Frail Adults.”

Anthony Ferrante Jr., MD, PhD, Department of Medicine-Preventive Medicine, has received $2.1 million over five years from the National Institute of Diabetes and Digestive and Kidney Diseases for “Adipose Tissue Macrophage Phenotype and Function.”

Ira J. Goldberg, MD, Department of Medicine-Preventive Medicine, has received $440,000 over two years from the National Heart, Lung, and Blood Institute for “Nutritional and Hormonal Pathways for Reduction of ApoB-lipoproteins.”

Filippo Mancia, PhD, Department of Physiology & Cellular Biophysics, has received $1.5 million over five years from the National Institute of General Medical Sciences for “CysZ Proteins — A Family of Sulfate Transporters with Remarkable Architecture.”

Mathew Maurer, MD, Herbert Irving Comprehensive Cancer Center, has received $450,000 over three years from the Komen (Susan G.) Breast Cancer Foundation for “A Novel Combination Therapy for Triple Negative Breast Cancer: Erlotinib and Metformin.”

Richard Mayeux, MD, Taub Institute for Research on Alzheimer’s Disease and the Aging Brain, has received $4.3 million over five years from the National Institute on Aging for “Epidemiology of Familial Late-Onset Alzheimer’s Disease.”
RESEARCH GRANTS

COLLEGE OF PHYSICIANS AND SURGEONS (continued)

**Mark Olfson**, MD, MPH, Department of Psychiatry, has received $633,000 over five years from Rutgers, the State University of New Jersey, and the Agency for Healthcare Research and Quality for “Center for Education and Research on Mental Health Therapeutics.”

**Vincent Racaniello**, PhD, Department of Microbiology & Immunology, has received $2 million over five years from the National Institute of Allergy and Infectious Diseases for “Antagonism of Innate Immunity by Picornaviruses.”

**Adam Ratner**, MD, MPH, Department of Pediatrics, has received $444,000 over two years from the National Institute of Allergy and Infectious Diseases for “DNase for Prevention of Reproductive Tract Infections in Pregnancy.”

**Shonni J. Silverberg**, MD, Department of Medicine-Endocrinology, has received $856,000 over five years in a competitive renewal, from the National Institute of Diabetes and Digestive and Kidney Diseases, for “Non-Classical Manifestations of Primary Hyperparathyroidism.”

**Alan Tall**, MD, Department of Medicine-Molecular Medicine, has received $1.87 million over four years from the National Heart, Lung, and Blood Institute for “Hyperinsulinemia, mTOR Activity and Plasma Lipoproteins.”

**B. Timothy Walsh**, MD, Department of Psychiatry, has received $832,000 over four years from the Research Foundation for Mental Hygiene and the National Institute of Mental Health for “A Longitudinal Multimodal MRI Study of Adolescents with Bulimia Nervosa.”

**Hynek Wichterle**, PhD, Department of Pathology & Cell Biology, has received $434,000 over two years, from the National Institute of Neurological Disorders and Stroke for “The Role of mir-17~92 Cluster in Motor Neuron Degeneration.”
Ana Abraido-Lanza, PhD, Department of Sociomedical Sciences, and Crystal Fuller, PhD, Department of Epidemiology, have received $2.4 million, in a competitive renewal until 2017, from the National Institute of General Medical Sciences for “Initiative for Maximizing Student Diversity (IMSD).”

William Friedewald, MD, Department of Biostatistics, has received $413,000 over one year from the National Institute of Child Health and Human Development for “Traumatic Brain Injury Clinical Trials Network - Data Coordinating Center” through the University of Texas Southwestern Medical Center at Dallas.

Peter A. Messeri, PhD, Department of Sociomedical Sciences, has received $874,000, in a competitive renewal until 2013, from Public Health Solutions and New York City Department of Health and Mental Hygiene for “Ryan White Part A Contract 93-EVL-4645 for Planning and Evaluation (Base).”

Alfred I. Neugut, MD, PhD, Department of Epidemiology, has received $708,000 over three years from the American Cancer Society for “The Relationship between Insurance and Cancer-Related Prescription Drug Use.”

Richard Parker, PhD, Department of Sociomedical Sciences, has received $500,000, in a competitive renewal until 2014, from the Ford Foundation for “Sexuality Policy Watch Phase VI.”

Ezra Susser, MD, DrPH, Departments of Epidemiology and Psychiatry, and Pam Factor-Litvak, PhD, Department of Epidemiology, have received $3.3 million over five years from the National Institute of Child Health and Human Development for “Determinants of Leukocyte Telomere Length at Birth.”
AWARDS & HONORS

COLLEGE OF PHYSICIANS AND SURGEONS

Kathleen M. Friel, PhD, Department of Psychiatry, has received the Gayle Arnold Award from the American Academy of Cerebral Palsy and Developmental Medicine, awarded to the authors of the best scientific paper presented at the previous year’s annual meeting.

Barry Honig, PhD, Department of Biochemistry & Molecular Biophysics, has received the DeLano Award for Computational Biosciences from the American Society for Biochemistry and Molecular Biophysics. He also has received the Christian B. Anfinsen Award from the Protein Society.

Anil K. Lalwani, MD, Department of Otolaryngology-HNS, has been elected to the board of directors of the American Auditory Society for a three-year term, beginning in 2012.

Rudolph Leibel, MD, Department of Pediatrics, received an honorary doctorate degree from Louisiana State University for his internationally recognized diabetes research.

Priyamvada Rajasethupathy, MD/PhD candidate, has received the Weintraub Graduate Student Award, recognizing outstanding achievement during graduate studies in the biological sciences.

Donald O. Quest, MD, Department of Neurological Surgery, has received the 2012 Harvey Cushing Medal, the highest honor granted by the American Association of Neurological Surgeons.

COLLEGE OF DENTAL MEDICINE

Adham Azim, DDS, was awarded first prize in the post-graduate student presentation competition at the annual national meeting of the American Association of Endodontists.
AWARDS & HONORS

COLLEGE OF DENTAL MEDICINE (continued)

Evanthia Lalla, DDS, has received the American Academy of Periodontology 2012 Educator Award.

C. Anthony LoPresti, DDS, has been named a fellow in the International College of Dentists.

SCHOOL OF NURSING

Rita Marie John, DNP, EdD, CPNP, has been awarded the National Pain Management Award by the Nurse Practitioner Healthcare Foundation.

REMINDER

2020 VISION
MAKING P&S EVEN GREATER

The 2012 State of the School Presentation with Lee Goldman, MD

Tuesday, June 19, 2012 at 4:00 PM
P&S Alumni Auditorium
(Reception to follow)
CUMC Celebrates

JUNE 2012

PHILANTHROPIC GIFTS
(Gifts received April 27 – May 29, 2012)

COLLEGE OF PHYSICIANS AND SURGEONS

A bequest of $3 million will provide endowed scholarship support at the College of Physicians and Surgeons.

Another bequest totaling $2.8 million was committed to establish a professorship in the Department of Medicine and to advance osteoporosis research in the Division of Endocrinology.

Two commitments of $1 million were received to establish an endowed professorship in the Department of Pediatrics.

A $1 million contribution was made to support construction of the new Medical and Graduate Education Building.

A $750,000 commitment will advance research and clinical care in the Division of Child & Adolescent Psychiatry.

A family foundation made a $500,000 contribution to fulfill a $1 million commitment to support a professorship in the Division of Cardiology.

A foundation made a payment of $300,844 toward a grant of $1,203,378 to support Parkinson's disease research in the Department of Neurology.

A $200,000 contribution from another family foundation was made toward a $600,000 commitment to provide endowed fellowship support in the Division of Cardiology.

A foundation made a gift of $180,000 to advance pediatric palliative care.

A $150,000 contribution was made toward a commitment of $3.15 million to the Department of Medicine to advance malignant mesothelioma research.

A family foundation made a payment of $100,000 toward a $500,000 commitment to the Jerry I. Gliklich, MD, Professorship in the Department of Medicine.

A donor made a gift of $100,000 to the Department of Ophthalmology to support the Comprehensive Vision Care Center.

A $100,000 commitment was made to the Department of Neurology to advance amyotrophic lateral sclerosis and primary lateral sclerosis research at the Eleanor and Lou Gehrig MDA/ALS Center.

MAILMAN SCHOOL OF PUBLIC HEALTH

A $586,677 contribution was made toward a $1,173,355 commitment to advance research at the National Center for Disaster Preparedness.

A family foundation made a $300,000 gift to advance research in the Columbia Center for Children's Environmental Health.
CUMC IN THE NEWS – MAY 2012
Click on blue hyperlinks to view article.

Five graduates from the Class of 2012 were featured in a photo essay about the challenges of medical school and their hopes for the future. Included were Laura Vogel, Naomi George, Jason Corey Dukes, Barbara Hamilton, and Alexandra Reynolds.

ABC will launch a third iteration of its fantastic hospital documentary shows, the network announced. … The show is set inside Columbia and Weill Cornell Medical Centers, and includes Dr. Oz among its many subjects.

Charlie Rose Brain Series 2: Depression - May 29, 2012
Featured guests included Eric Kandel of Columbia University, Peter Whybrow of UCLA, author Andrew Solomon, Frederick Goodwin of George Washington University and Helen Mayberg of Emory University.

Logistics Hang Over a Ruling on 9/11 Cancer - May 29, 2012
About five years ago, Patricia Workman’s bones started breaking, and she was found to have multiple myeloma, a cancer of the bone marrow. At the same time, her skin cancer started to proliferate … . Ms. Workman had been a volunteer at ground zero for about two years after the Sept. 11 attacks … Ms. Workman and others who believe their cancers were caused by toxic substances released by the fall of the World Trade Center are due to learn this week whether they may be treated and compensated from a $4.3 billion fund set aside by Congress… “The chemicals in the report are common, and who’s not exposed to these things?” said Dr. Alfred I. Neugut, an oncologist and professor of epidemiology at the Mailman School of Public Health at Columbia University.

Calcium Supplements May Raise Heart Attack Risk - May 24, 2012
Taking a calcium supplement to help prevent bones from thinning puts people at a greater risk for heart attacks, says a report out today in the journal Heart. … “It’s very important for people to be vigilant, keep track of their medications and to talk with their doctors,” says Elizabeth Shane, a professor of medicine at Columbia University’s Department of Medicine in New York and spokesperson for the American Society of Bones and Mineral Research.
The Weight of the Nation – May 15, 2012
Rudolph Leibel, MD, co-director of Columbia's Naomi Berrie Diabetes Center and of the New York Obesity Research Center and the Christopher J. Murphy Memorial Professor of Diabetes Research, and Michael Rosenbaum, MD, professor of clinical pediatrics and clinical medicine at CUMC, discussed their research on the physiology of the weight-reduced state on part 2 of the HBO documentary series: The Weight of the Nation, which first aired on Tuesday, May 15.

Obesity Epidemic Stems from Environment, Panel Says - May 8, 2012
The Institute of Medicine is recommending that schools and workplaces encourage people of all ages to exercise more, and suggested industry-wide guidelines on marketing food to children. NBC's Robert Bazell reports... Dr. Robin Goland of Columbia University Medical Center states, “Our pediatricians are seeing obese two-year-olds and four-year-olds. We have five-year-olds with impaired glucose tolerance. We have eight-year-olds with type 2 diabetes. This is a catastrophe.”

Why Nurses Need More Authority - May 7, 2012
Allowing nurses to act as primary-care providers will increase coverage and lower health-care costs. So why is there so much opposition from physicians? … John Rowe is a physician and a professor in the department of health policy and management at the Columbia University Mailman School of Public Health.

Aspirin is as ‘Good as Warfarin’ for Most Heart Failure Patients - May 3, 2012
Aspirin could be as effective as more expensive drugs for heart failure patients with a normal heart rhythm, according to researchers. … The lead researcher, Dr Shunichi Homma, from the Columbia University Medical Center, said: “Since the overall risks and benefits are similar for aspirin and warfarin, the patient and his or her doctor are free to choose the treatment that best meets their particular medical needs.”