



## NEWS RELEASE

### **For Immediate Release**

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### **16 Junior Physician-Scientists Receive Grants Totaling \$7.78 Million to Support Their Transition to Independence as Clinical Researchers**

NEW YORK, July 3, 2012 – The Doris Duke Charitable Foundation announced today that 16 physician-scientists have been selected to receive 2012 Clinical Scientist Development Awards of \$486,000 each over three years. (See page 3 for a list of awardees.)

The Clinical Scientist Development Award (CSDA) provides funding for physician-scientists in the process of establishing their own research teams and enables them to secure 75 percent of their professional time for clinical research. This year's awardees are researching a variety of topics, including the effects of sugar on the brain's reward pathways; the genetic mutations responsible for Cornelia de Lange syndrome, a rare disease that results in cognitive delays and growth retardation in children; and how sleep duration affects weight gain in low-income women after giving birth.

"The foundation is committed to developing the clinical research workforce, and the Clinical Scientist Development Award is a cornerstone of that strategy," said Betsy Myers, Director of the Medical Research Program. "Providing support to talented young physician-scientists as they move to independence is crucial, as they face the dual challenges of seeing patients and conducting research. Our hope is that the CSDA grant helps with this important transition."

For the 2012 competition, U.S.-accredited, degree-granting institutions were invited to nominate up to two junior faculty-level physician-scientists conducting clinical research in any disease area. A panel of experts, including seven past awardees of Doris Duke clinical research grants, reviewed 126 proposals and recommended the strongest candidates for funding. Including the new grants, the foundation has awarded 202 Clinical Scientist Development Awards since 1998, totaling approximately \$90 million. The foundation expects to launch its next Clinical Scientist Development Award competition in the fall of 2012 with awards to be made in mid-2013.

**About the Medical Research Program**

Since 1998, the foundation's Medical Research Program has committed approximately \$259 million to strengthen and support clinical research that advances the translation of biomedical discoveries into new treatments, preventions and cures for human diseases. To learn more about the program or to sign up to receive competition announcements, visit [www.ddcf.org/mrp](http://www.ddcf.org/mrp).

**About the Doris Duke Charitable Foundation**

The mission of the Doris Duke Charitable Foundation is to improve the quality of people's lives through grants supporting the performing arts, environmental conservation, medical research and the prevention of child abuse and neglect, and through preservation of the cultural and environmental legacy of Doris Duke's properties.

**About Doris Duke on the Centenary of Her Birth**

Born on November 22, 1912 in New York City, Doris Duke was the only child of John Buchanan (J.B.) Duke, a founder of the American Tobacco Company and Duke Energy Company. When J.B. Duke died in 1925, he divided his fortune between Doris, who was then only 12 years old, and the Duke Endowment. Intelligent, adventurous, and independent, Doris Duke used her wealth to pursue her many interests, which included the arts, historic preservation and environmental conservation, and to fund a variety of public causes, including medical research and child welfare. When she was just 21, she established a foundation called Independent Aid through which she gave away the equivalent of hundreds of millions in today's dollars—often as anonymous contributions. As a lifelong philanthropist, she was a frequent supporter of hospitals and research centers as well as an early funder of AIDS research. At age 56, she also established the Newport Restoration Foundation (NRF) to save the rapidly disappearing 18th-century architecture in Newport, Rhode Island. Finally, through her will, she established her ongoing legacy by calling for the creation of the Doris Duke Charitable Foundation (DDCF), which has to date awarded more than \$1 billion in grants. ([www.ddcf.org](http://www.ddcf.org))

**2012 Doris Duke Clinical Scientist Development Award Recipients**  
(listed alphabetically by last name)

**Cammon B. Arrington MD, PhD**

*University of Utah*

Identification of Novel Genetic Variants in Patients with Congenital Heart Disease

**Adam J. Bass MD, MSc**

*Dana-Farber Cancer Institute*

Targeting SOX2-Driven Squamous Cell Carcinoma

**Trever G. Bivona MD, PhD**

*University of California, San Francisco*

Discovery of Determinants of Response to Targeted Therapy in Lung Cancer

**Leandro Cerchietti MD**

*Cornell University*

Identification of Prognostic Markers and Novel Therapeutic Targets in Non-Hodgkin Lymphoma Patients by Comprehensive Metabolomic Profiling

**Matthew A. Deardorff MD, PhD**

*Children's Hospital of Philadelphia*

HDAC8, Cohesin and Human Disease

**Sharon J. Herring MD, MPH**

*Temple University*

The Influence of Postpartum Sleep Duration on Adiposity and Cardiometabolic Risk Factors in Urban, Low-Income Mothers

**Jason T. Huse MD, PhD**

*Memorial Sloan-Kettering Cancer Center*

Evaluating the Predictive Potential of Signature-Based Molecular Subclasses in Malignant Glioma

**Rahul M. Kohli MD, PhD**

*University of Pennsylvania*

Targeting Evolution by Inhibition of an Error-Prone Polymerase in Drug-Resistant *Pseudomonas Aeruginosa*

**Jennifer S. McCall-Hosenfeld MD, MSc**

*Penn State Milton S. Hershey Medical Center*

Longitudinal study of the Determinants of Mental Health Outcomes in Rural Women Exposed to Intimate Partner Violence

**Caroline M. Mitchell MD, MPH**

*University of Washington Foundation*

Development of New Tools to Examine Host-Microbe Interactions in the Reproductive Tract

**Kathleen Page MD, MS**

*University of Southern California*

Effects of Sugar Ingestion on Brain Reward and Energy Signaling Pathways in Humans

**Christopher Y. Park MD, PhD**

*Memorial Sloan-Kettering Cancer Center*

Targeting Disease-Initiating Cells in Acute Myeloid Leukemia and the Myelodysplastic Syndromes for Clinical Benefit

**Paul J. Planet MD, PhD**

*Columbia University*

Immune Response to the Airway Microbiome in Cystic Fibrosis: A Longitudinal Study on the Etiology of Pulmonary Exacerbation

**Elizabeth K. Speliotes MD, PhD**

*University of Michigan*

Genetic Epidemiology Studies of Nonalcoholic Fatty Liver Disease in Diverse Ancestries

**Stephanie B. Troy MD**

*Eastern Virginia Medical School*

Comparison of the Immunogenicity of Various Inactivated Polio Vaccine Booster Doses by Intradermal vs. Intramuscular Routes in HIV-Infected Subjects

**Peter E. Turkeltaub MD, PhD**

*Georgetown University*

Can Enhancing Left Lateralization Using Transcranial Direct Current Stimulation Improve Recovery from Post-Stroke Aphasia?