



NEWS RELEASE

For Immediate Release

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DORIS DUKE
CHARITABLE FOUNDATION

Medical Research Program

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

NEW YORK, July 5, 2011 – The Doris Duke Charitable Foundation announced today that 16 physician-scientists have been selected to receive 2011 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) is one of the foundation's four programs supporting the development of the clinical research workforce. The CSDA provides funding for physician-scientists in the process of establishing their own research teams and enables them to secure 75% of their professional time for clinical research. This year's awardees are conducting research in a variety of areas, including Parkinson's Disease, HIV and Type 1 Diabetes.

"Supporting the work of promising investigators while they're still early in their careers remains critical to keeping the clinical research workforce strong," said Betsy Myers, Director of the Medical Research Program. "As investigators, physician-scientists face a particularly large challenge: meeting both the demands of seeing patients and conducting research. We hope the CSDA grants help these physician-scientists make a smoother transition into independent clinical research careers."

For the 2011 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 10 Doris Duke Distinguished Clinical Scientists, reviewed 130 proposals and recommended the strongest candidates for funding. Including the new grants, the foundation has awarded 186 Clinical Scientist Development Awards since 1998, totaling approximately \$80 million.

The foundation expects to launch its next Clinical Scientist Development Award competition in the fall of 2011 with awards to be made in mid-2012. In addition to the CSDA, the DDCF Medical Research Program supports three other programs that provide funding for the clinical research workforce. The Clinical Research Experiences for High School Students program, which launched in June 2011, will provide clinical research and enrichment activities for high school students from underrepresented minorities in medicine. The Doris Duke Clinical Research Fellowship program supports one year of mentored research training for medical students, and the Distinguished Clinical Scientist Award program supports clinical research and mentoring activities of mid-career investigators.

Since 1998, the foundation's Medical Research Program has committed approximately \$245 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.

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.

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2011 Doris Duke Clinical Scientist Development Award Recipients
(listed alphabetically by last name)

Arash Ash Alizadeh, M.D., Ph.D.

Stanford University
Genomic Approaches for Targeting Risk in Hematological Malignancies

Alice S. Chen-Plotkin, M.D., M.Sc.

University of Pennsylvania
Parkinson's Disease Biomarkers: Finding and Understanding Clinically Useful Markers for PD and Endophenotypes within PD

Keith A. Choate, M.D., Ph.D.

Yale University
Genetics and Pathobiology of Disorders of Keratinization

Sarah Cooley, M.D.

University of Minnesota
Role of NK Cell Receptors in Improving Outcomes after Umbilical Cord Blood Transplantation for Hematologic Malignancies

Maria E. Figueroa, M.D.

University Of Michigan
Epigenetic Characterization of Progressive vs. Stable Myelodysplastic Syndromes

David J. Friedman, M.D.

Beth Israel Deaconess Medical Center, Harvard Medical School
APOL1 Variants and Renal Disease in African Americans

Bryan Greenhouse, M.D., M.A.

University of California, San Francisco
Impact of Chemoprevention on Humoral Antimalarial Immunity

Faoud T. Ishmael, M.D., Ph.D.

Milton S. Hershey Medical Center, Pennsylvania State University College of Medicine
MicroRNAs as Biomarkers and Therapeutic Targets in Allergy

Annette S. Kim, M.D., Ph.D.

Vanderbilt University
MicroRNAs in Myelodysplastic Syndrome

Maya L. Petersen, M.D., Ph.D.

University of California, Berkeley
Mobile Monitoring Technology to Improve Patient Outcomes in Sub-Saharan Africa: Evaluation of Remote Biosensors and Wireless Adherence Monitors to Detect Early Morbidity and Treatment Failure among HIV-Infected Patients in Rural Uganda

Christian P. Schaaf, M.D., Ph.D.

Baylor College of Medicine
Characterization of Neuropsychiatric Phenotypes and Therapeutic Intervention in Patients with Copy Number Variants of CHRNA7

Marc W. Slutzky, M.D., Ph.D.

Northwestern University
A Minimally-Invasive Brain-Machine Interface for Grasp

Agata Smogorzewska, M.D., Ph.D.

The Rockefeller University
Interplay Between Non-Homologous End Joining Pathway and DNA Crosslink Repair in Fanconi Anemia

Maureen A. Su, M.D.

University of North Carolina at Chapel Hill
Myeloid Derived Suppressor Cells in Type 1 Diabetes Mellitus

Aaron Tobian, M.D., Ph.D.

Johns Hopkins University
HIV and HSV-2 Shedding and Transmission in Recently Circumcised Men

Timothy E. West, M.D., M.P.H.

University of Washington
Exome Sequencing of Melioidosis Patients to Illuminate Mechanisms of Host Susceptibility to Severe Sepsis