For Immediate Release

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Doris Duke Charitable Foundation Announces
$8 Million in Grants to Strengthen the Clinical Research Pipeline

NEW YORK, July 31, 2014 – The Doris Duke Charitable Foundation (DDCF) announced today the recipients of $8 million in grants through the Clinical Scientist Development Award and the Clinical Research Mentorship programs. Both programs aim to strengthen the clinical research field by providing opportunities that help advance the careers of young scientists.

“The Clinical Research Mentorships and Clinical Scientist Development Awards exemplify the foundation’s deep commitment to bolstering the field of clinical research by encouraging young people to enter research, and providing early career investigators with support as they make the critical shift into independent careers,” said Betsy Myers, program director of the Medical Research Program.

The Clinical Scientist Development Award provides funding for physician-scientists as they transition to independent research careers. This year, the program will award a total of $7.5 million to seventeen researchers working in a broad range of areas – from Crohn’s disease to pediatric movement disorders. These three-year grants provide $486,000 to the young clinician investigators, enabling them to secure 75 percent of their professional time for clinical research as they establish their own labs and research teams. One awardee, Stephen Oh, will be co-funded by the Damon Runyon Cancer Research Foundation for his study of myeloproliferative neoplasms, a group of diseases affecting bone marrow.

Since 1998, the foundation has awarded 235 Clinical Scientist Development Awards totaling over $101 million. A list of the individuals selected to receive the 2014 awards appears on page 3.

The Clinical Research Mentorship supports the development of a mentoring relationship between a DDCF-funded clinical scientist and a medical student who has an interest in becoming a future clinician investigator. Ten teams of medical students and investigators previously funded through the foundation will receive $64,800 each for one-year projects. Each student will take a year out from medical school to participate in a full-time clinical research experience.

Since its inception in 2013, DDCF has awarded $1.3M in Clinical Research Mentorship grants. See page 4 for a full list of the research teams.
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, child well-being and medical research, and through preservation of the cultural and environmental legacy of Doris Duke’s properties. The foundation’s Medical Research Program supports clinical research that advances the translation of biomedical discoveries into new preventions, diagnoses and treatments for human diseases. To learn more about the program, visit www.ddcf.org.
## 2014 CLINICAL SCIENTIST DEVELOPMENT AWARDEES

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<td>Eran Bendavid, M.D.</td>
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<td>Todd E. Druley, M.D., Ph.D.</td>
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<td>University Of California San Francisco</td>
<td><strong>Dissecting Human Osteoprogenitor Function using iPS Cells</strong></td>
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<td>Michael C. Krue, M.D.</td>
<td>Sanford Research, University of South Dakota</td>
<td><strong>New Insights into Molecular Mechanisms Driving Pediatric Movement Disorders</strong></td>
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<td>Edward B. Lee, M.D., Ph.D.</td>
<td>University of Pennsylvania</td>
<td><strong>Transcriptional Silencing of C9orf72 in Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</strong></td>
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<td>Brian R. Lindman, M.D.</td>
<td>Washington University in St. Louis</td>
<td><strong>Novel Prediction Models for Patient-Centered Clinical Outcomes after Transcatheter Aortic Valve Replacement for Aortic Stenosis</strong></td>
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<td>Ta-Chiang Liu, M.D., Ph.D.</td>
<td>Washington University in St. Louis</td>
<td><strong>Small Intestinal Paneth Cell Phenotype in Crohn's Disease: Clinical Relevance and Genetic Associations</strong></td>
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<td>Steven A. Lubitz, M.D., MPH</td>
<td>Massachusetts General Hospital</td>
<td><strong>Improving Stroke Care by Predicting Atrial Fibrillation</strong></td>
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<td>Daniel L. Popkin, M.D., Ph.D.</td>
<td>Case Western Reserve University</td>
<td><strong>Pharmacologic NK harness to Seek and Destroy the HIV Reservoir</strong></td>
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<td>Rebecca J. Scharf, M.D., MPH</td>
<td>University Of Virginia</td>
<td><strong>Early Predictors and Biomarkers of Cognition and Growth in Impoverished Children</strong></td>
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<td>Cyndya A. Shibao, M.D.</td>
<td>Vanderbilt University</td>
<td><strong>Racial Differences in Vagal Control of Glucose Homeostasis</strong></td>
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2014 Clinical Research Mentorship Awardees

Sunil Ahuja, M.D., *Distinguished Clinical Scientist Award (2008)*
University of Texas Health Science Center at San Antonio
Mentee: Elizabeth Levine, University of Texas Health Science Center at San Antonio
Project: Uncovering Determinants of House Dust Mite Pathogenesis by Use of an Allergen Challenge Chamber, Conditionally Reprogrammed Cells and Cas9 nuclease technology

Keith A. Choate, M.D., Ph.D., *Clinical Scientist Development Award (2011)*
Yale University
Mentee: Young Lim, Yale University
Project: Genetics and Pathobiology of Cutaneous-Skeletal Hypophosphatemic Syndrome and Erythrokeratodermia Variabilis

Alan D’Andrea, M.D. *Distinguished Clinical Scientist Award (2000)*
Dana Farber Cancer Institute
Mentee: Jonathan Pike, Indiana University
Project: Elucidation of DNA Repair Pathway Changes Responsible for Controlling Tumor Development, Progression, and Treatment Response in Anal Squamous Cell Carcinoma

Thomas Darling, M.D., Ph.D., *Clinical Scientist Development Award (2001)*
Henry M. Jackson Foundation for the Advancement of Military Medicine
Mentee: Neera Nathan, George Washington University
Project: Defining Phenotypes of Mosaic mTORopathies

Michael DeBaun, M.D., M.P.H., *Clinical Scientist Development Award (1999)*
Vanderbilt University
Mentee: Leah Vance, Vanderbilt University
Project: Inhaled Corticosteroid Use to Prevent Acute Chest Syndrome Recurrence in Children between 1 and 4 with Sickle Cell Disease: A Feasibility Trial

Charis Eng, M.D., Ph.D., *Distinguished Clinical Scientist Award (2002)*
Cleveland Clinic Foundation
Mentee: Huan Zhang, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Project: Metagenomic Profiling of Oral Polymicrobial Flora in Mobile Tongue Squamous Cell Carcinoma

Rasheed Gbadegesin, M.D., *Clinical Scientist Development Award (2009)*
Duke University
Mentee: Shan Elahi, Duke University
Project: Identification of New Non-invasive Diagnostic Tools for Vescicoureteric Reflux (VUR)

Deborah Hung, M.D., Ph.D. *Clinical Scientist Development Award (2008)*
Massachusetts General Hospital
Mentee: David Miranda, Johns Hopkins University
Project: A Rapid Diagnostic Tool for Infectious Diseases and Antibiotic Resistance

Adam Ratner, M.D., M.P.H., *Clinical Scientist Development Award (2009)*
Columbia University
Mentee: Kathleen Breeding, Columbia University
Project: The Vaginal Microbiota: A New Target for Prevention of Group B Streptococcus Colonization and Disease

Agata Smogorzewska, M.D., Ph.D., Clinical Scientist Development Award (2011)
Rockefeller University
Mentee: Elizabeth Looke-Stewart, Weill Medical College of Cornell University
Project: Identification and Functional Analysis of Genomic Alterations in Anogenital and Head and Neck Squamous Cell Carcinomas from Fanconi Anemia Patients