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18 Physician Scientists Win DDCF's 2018 Clinical Scientist Development Awards

The Doris Duke Charitable Foundation Awards 18 Physician Scientists
With \$8.745M Total to Support Critical Research and Long-term Careers

New York, N.Y., July 31, 2018 – The Doris Duke Charitable Foundation (DDCF) today announced the names of the 18 early-career physician scientists receiving a 2018 Clinical Scientist Development Award of \$495,000 over three years. The 18 scientists were selected from a pool of 264 competitive applicants by review panels of distinguished scientists, who evaluated applicants on criteria such as rigor of unique research and commitment to excellence as independent clinical researchers.

“The Clinical Scientist Development Awards represent our flagship mechanism for fostering the careers of some of the most promising individuals in the biomedical research field today,” said Betsy Myers, program director for medical research at DDCF. “This year’s awarded scientists represent a vast range of expertise and approaches to improving patients’ lives, but have in common a commitment to improving human health now and in the long term. We are proud to support these physician scientists and excited to see how their careers unfold.”

This marks the 21st year since the Clinical Scientist Development Awards were first awarded, and the second year in a row that the foundation has seen a roughly equal percentage of applications from men and women, following internal critical review of the application process to be more gender-neutral. The final pool of grantees selected by the expert review panels also comprised an even split of male and female grantees.

Since 1998, the foundation has awarded 304 Clinical Scientist Development Awards totaling more than \$136 million to physician scientists between one and five years into their first faculty appointments — a time characterized by the competing demands on recipients to perform both research and clinical care responsibilities. The award protects and makes possible for recipients to dedicate 75 percent of their professional time to clinical research in support of their transition to an independent research career. This year, the projects cover a breadth of health issues that impose major clinical burden, such as cancer, HIV, kidney transplantation, obesity and tuberculosis. For the names of the 2018 Clinical Scientist Development Award recipients, please see page two.

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.

2018 CLINICAL SCIENTIST DEVELOPMENT AWARD RECIPIENTS

Collin M. Blakely, M.D., Ph.D.

Assistant Professor

University of California San Francisco

Project name: Mechanisms of incomplete response and primary resistance to osimertinib in EGFR-mutant lung cancer

Disease area: Oncology

(Co-funded with Damon Runyon Cancer Research Foundation)

Melanie Cree-Green, M.D., Ph.D.

Assistant Professor

University of Colorado School of Medicine

Project name: Use of essential amino acid supplementation to decrease metabolic disease in high risk obese girls with polycystic ovarian syndrome

Disease area: Pediatrics

Jianjun Gao, M.D., Ph.D.

Assistant Professor

The University of Texas MD Anderson Cancer Center

Project name: A biomarker-based, combination therapy with immune checkpoint blockade and pemetrexed for MTAP-deficient metastatic bladder cancer

Disease area: Oncology

Jacqueline M. Garonzik Wang, M.D., Ph.D.

Assistant Professor

Johns Hopkins University School of Medicine

Project name: Quantifying the risk and survival benefit of incompatible live donor kidney transplantation in the modern era

Disease area: Surgery

Brice Gaudilliere, M.D., Ph.D.

Assistant Professor of Anesthesiology, Perioperative and Pain Medicine

Stanford University

Project name: Immune Sensors of Preterm Labor: A Systems Immunology Analysis with Mass Cytometry

Disease area: Obstetrics, Gynecology and Reproductive sciences

Jonathan A. Kropski, M.D.

Assistant Professor of Medicine

Vanderbilt University Medical Center

Project name: Mechanisms of disease initiation and propagation in pulmonary fibrosis

Disease area: Pulmonary disease

Christin S. Kuo, M.D.

Assistant Professor of Pediatrics

Stanford University

Project name: Pulmonary neuroendocrine cell signaling in the developing lung and in disease

Disease area: Pulmonary disease

Carolyn S. Lee, M.D., Ph.D.

Assistant Professor of Dermatology

Stanford University

Project name: Regulators of Skin Cancer Progression

Disease area: Oncology

Peggy S. Myung, M.D., Ph.D.

Assistant Professor

Yale University

Project name: Dissecting the epithelial-mesenchymal interactions at the interface of the human skin regeneration and cancer

Disease area: Dermatologic diseases

Karen C. Nanji, M.D., M.P.H.

Assistant Professor

Massachusetts General Hospital

Project name: Preventing Perioperative Medication Errors Through the Reduction of Clinical Decision Support Alert Overrides

Disease area: Anesthesiology

Eileen P. Scully, M.D., Ph.D.

Assistant Professor

Johns Hopkins University School of Medicine

Project name: Defining mechanisms of innate immune programming and dysfunction in HIV disease

Disease area: Infectious disease

Ashley H. Shoemaker, M.D., M.S.C.I

Assistant Professor of Pediatrics

Vanderbilt University Medical Center

Project name: Phase 2 study of theophylline for the treatment of pseudohypoparathyroidism

Disease area: Endocrinology and metabolic diseases

David H. Spencer, M.D., Ph.D.

Assistant Professor

Washington University in St. Louis

Project name: Identifying epigenetic drivers in acute myeloid leukemia

Disease area: Hematological diseases

Matthew D. Stachler, M.D., Ph.D.

Instructor of Pathology

Brigham and Women's Hospital

Project name: Genomic determinants and biomarkers of Barrett's esophagus progression

Disease area: Digestive, nutritional and liver diseases

Ramnath Subbaraman, M.D., M.Sc.

Assistant Professor

Tufts University School of Medicine

Project name: Finding and retaining India's "missing" tuberculosis patients: informing large-scale active case-finding strategies through analyses of the case cascade and geospatial mapping

Disease area: Infectious disease

Tuan M. Tran, M.D., Ph.D.

Assistant Professor of Medicine

Indiana University

Project name: Systems analysis to understand protective immunity induced by an attenuated sporozoite malaria vaccine in African infants

Disease area: Preventative medicine and nutrition

Kevin C. Wang, M.D., Ph.D.

Assistant Professor of Dermatology

Stanford University

Project name: Epigenetic Modulation of Chromatin Architecture in Human Fibroblasts as a Novel Therapeutic Approach for Wound Healing and Regeneration

Disease area: Dermatologic diseases

Jennifer A. Woo Baidal, M.D., M.P.H

Assistant Professor

Columbia University

Project name: Developing novel clinical approaches to reduce childhood obesity risk factors during the first 1,000 days

Disease area: Pediatrics