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### Career Development Awards

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**Bristol Myers Squibb Psoriasis Research Award**

Marlys S. Fassett, M.D., Ph.D.
University of California, San Francisco
*Searching for IL-31: Toward Curative Targeting of Psoriasis Skin TRM Cells*

**Bristol Myers Squibb Psoriasis Research Award – Year 2**

Junko Takeshita, M.D., Ph.D., M.S.C.E.
University of Pennsylvania
*Increasing Participant Diversity in Clinical Trials for Psoriasis Through Video Education*

**Sanofi – Regeneron Diversity, Equity, and Inclusion Award**

Donald Glass, M.D., Ph.D
University of Texas, Southwestern
*Genetics, Comorbidities and Their Associations with Keloids*

**Diversity, Equity, Inclusion Career Development Award**

Courtney Johnson, M.D., Ph.D.
Johns Hopkins University
*Investigating the Role of Cancer-Associated Fibroblasts in Immunodetection of Mycosis Fungoides*

**Public Health Career Development Award**

Alexandra Charrow, M.D., M.B.E.
Harvard University, Brigham and Women's Hospital
*Understanding Emergency Room Utilization in Patients with Hidradenitis Suppurativa (HS): A Mixed Met*

**Clinical Career Development Award in Dermatologic Surgery - Year 3**

Kristin Bibee, M.D., Ph.D.
Johns Hopkins Medical Institutions
*Tumor and Stromal Factors Driving Squamous Cell Carcinoma Behavior in the Immunosuppressed Patient*
Physician Scientist Career Development Award

Victoria Fang, M.D., Ph.D.
University of Pennsylvania

Spatial Dynamics of Tertiary Lymphoid Structures and Plasma Cells in Hidradenitis Suppurativa

Theodora Karagounis, M.D., M.S.
New York University

Contributions of Gastrointestinal Staphylococcus Aureus to Pediatric Atopic Dermatitis

Jennifer Lo, M.D., Ph.D.
Harvard University - Massachusetts General Hospital

Characterizing Epitope Spreading and Response to mocRNA Melanoma Immunotherapy by In Situ Sequencing

Christine Yokoyama, M.D., Ph.D.
Washington University

Regulation of Epidermal Homeostasis by Centrosomal Proteins

Physician Scientist Career Development Award – Year 2

Eric Merrill, M.D.
University of California, San Francisco

Cutaneous Lymphocyte – Fibroblast Niches

Goran Micevic, M.D., Ph.D.
Yale University

Identifying CD8+ T-cells Necessary for a Durable Immune Response to Melanoma

Allen Oak, M.D.
University of Pennsylvania

Defining the Role of Mechanotransduction in Scarring Alopecias for Therapeutic Gain
Physician Scientist Career Development Award – Year 2 (cont.)

Elisabeth Pedersen, M.D., Ph.D.
University of Michigan
*Understanding Melanogenesis in Basal Cell Carcinoma*

Physician Scientist Career Development Award - Year 3

Dekker C. Deacon, M.D., Ph.D.
University of Utah
*Genomic Markers of Lentigo Maligna Melanoma Progression*

Anna Kersh, M.D., Ph.D.
University of Pennsylvania Hospital
*Understanding the Molecular Pathogenesis of Lichen Planus and Lichenoid Dermatoses*

Wei-Che Ko, M.D.
University of Massachusetts
*Defining Fundamental Mechanisms of Human Inflammation in Allergic Skin*

Benjamin A. Nanes, M.D., Ph.D.
University of Texas, Southwestern
*Modulation of Force Generation and Differentiation by Keratin Filaments During Epidermal Remodeling*

Rivka Stone, M.D., Ph.D.
University of Miami
*Identifying Early Genomic Biomarkers of Skin Fibrosis Following Radiation Injury*

Science of Human Appearance Career Development Award

Mio Nakamura, M.D., M.S.
University of Michigan
*Phototherapy in Psoriasis Patients of Skin of Color*
Science of Human Appearance Career Development Award – Year 2

Eun Kyung Ko, Ph.D.
University of Pennsylvania
Defining the Role of Human Epigenome in Sebaceous Gland Development and Disease

Science of Human Appearance Career Development Award - Year 3

Nicholas Theodosakis, M.D., Ph.D.
Harvard University, Massachusetts General Hospital
Exploring Neurological Disease as a Model for Melanocyte Dysfunction

Amy R. Vandiver, M.D., Ph.D.
University of California, Los Angeles
Understanding the Role of Mitochondrial Genomic Deletions in Photoaging

Medical Dermatology Career Development Award

Jun Kang, M.D.
Johns Hopkins University
Defining the Role of NETting Neutrophils and B-cells in Hydroxychloroquine Resistant CCLE

Medical Dermatology Career Development Award - Year 2

Christina Kraus, M.D.
University California, Irvine
Developing Metrics for Disease Burden and Identification of Biomarkers in Vulvar Lichen Sclerosus

Lauren Madigan, M.D.
University of Utah
Developing Better Understanding of Adult-Onset Mastocytosis in the Skin
Medical Dermatology Career Development Award - Year 2 (cont.)

Helena Pasieka, M.D., M.S.
Uniformed Services University
Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: Improving Clinical Assessment, Pediatric

Bridget Shields, M.D.
University of Wisconsin
Elucidating the Clinical and Molecular Immunometabolic Microenvironment of Granuloma Annulare

Medical Dermatology Career Development Award - Year 3

Brittany L. Dulmage, M.D.
Ohio State University Medical Center
The Impact, Disparities, and Assessment Methods of Alopecia in Cancer Patients

Women's Health Career Development Award

Michal Kidacki, M.D., Ph.D.
Yale University
TIGIT Signaling in Hidradenitis Suppurativa

Erin Theisen, M.D., Ph.D.
Harvard - Brigham and Women's
Granzyme K in Autoimmune Skin Disease

Women's Health Career Development Award - Year 3

Jeffrey Gehlhausen, M.D., Ph.D.
Yale University School of Medicine
Characterization and Validation of Type I Interferon-driven Lupus Pathology
Research Career Development Award

Jeffrey Smith, M.D., Ph.D.
Harvard University - Brigham and Women's

*Biochemical Determinants of Chemokine Receptor Signaling*

Research Career Development Award – Year 2

William Crisler, Ph.D.
Harvard University, Brigham and Women's Hospital

*Discovery of Immunoregulatory Networks in Skin via the Study of Face Transplant Rejection*

Sakeen Kashem, M.D., Ph.D.
University of California, San Francisco

*Circadian Control of Inflammatory Pruritus*

Yingchao Xue, Ph.D.
Johns Hopkins University

*Defining the Contribution of Skin Stretch to Obesity-Induced Inflammation and Insulin Resistance*

Research Career Development Award - Year 3

Martin Prince Alphonse, Ph.D.
Johns Hopkins Medical Institutions

*NLRP12 and Caspase-8 Mediated Inflammasome Signaling in Staphylococcus Aureus Skin Infections*

Satish Sati, Ph.D.
University of Pennsylvania

*Investigating Neuroimmune Interactions to Promote Scarless Skin Regeneration*
Dermatopathology Research Career Development Award

Julie Deutsch, M.D.
Johns Hopkins University

*Analytical and Clinical Validation of a mIF Biomarker for Anti-PD-1 Therapy in Melanoma*

Shadi Khalil, M.D., Ph.D.
University of California, San Diego

*Nutrient Metal Sequestration in Inflammatory and Infectious Skin Disease*

Dermatopathology Research Career Development Award – Year 2

Rony Francois, M.D., Ph.D.
University of California, San Francisco

*Targeting Oncogenic NRAS in Melanoma*

Matthew Hedberg, M.D., Ph.D.
University of Pennsylvania

*Cellular Characteristics and Molecular Determinants of SCCIS*

Pediatric Dermatology Career Development Award - Year 3

Lucinda L. Kohn, M.D.
University of Colorado, Denver

*Evaluating Disparities in Dermatology for American Indian and Alaska Native Youth*

Dermatologist Investigator Research Fellowship

Corbett Berry, M.D., Ph.D.
University of Pennsylvania

*Epigenetic Exploration of Asymmetric T Cell Division and Graft-versus-host Disease*

Andrew Johnston, M.D., Ph.D.
Yale University

*Characterizing Neutrophil Phenotypic Heterogeneity in Neutrophilic Dermatoses*
Dermatologist Investigator Research Fellowship (cont.)

Ernest Lee, M.D., Ph.D.
University of California, San Francisco
*Computational Discovery of Therapeutic Candidates for Hidradenitis Suppurativa*

Jinwoo Lee, M.D., Ph.D.
Stanford University
*Investigation of XIST as a Driver of Sex-biased Autoimmune Skin Diseases*

Eugene Park, M.D., Ph.D.
Johns Hopkins University
*Ribosome-mediated Responses to UV Irradiation in Keratinocytes*

Swapneel Patel, M.D., Ph.D.
UT, Southwestern
*Mechanisms of STING Signaling*

Sunaina Rengarajan, M.D., Ph.D.
Washington University
*Characterization of Immunogenic and Pathogenic Microbes that Correlate with Treatment Outcomes in HS*

Alison Treichel, M.D.
Case Western Reserve University
*Decoding the Gut-skin Axis in Psoriasis*

Rachel Waldemer-Streyer, M.D., Ph.D.
University of California, San Francisco
*Development and Optimization of 3D Skin Organoids from Whole Adult Skin*

Diana Wang, M.D., Ph.D.
University of California, Los Angeles
*Intracellular Regulation of the Sebocyte Lipidome*
Dermatologist Investigator Research Fellowship (cont.)

Leo Wang, M.D., Ph.D.
University of Pennsylvania

*Engineering Hydrogels for Alopecia Areata*

Research Grant

Nathan Balukoff, M.D., Ph.D.
University of Miami

*Tunnels of Hidradenitis Suppurativa: the Role of Activated Cellular Phenotype in the Disease Pathoph.*

Heather Dingwall, Ph.D.
University of Pennsylvania

*Uncovering Extrinsic Drivers of Ectodermal Appendage Development*

Cheri Frey, M.D.
Howard University

*Spatial Evaluation of Immune-stromal Crosstalk in Discoid Lupus Erythematosus in Skin of Color*

Nazgol Sadat Haddadi, M.D., M.P.H.
University of Massachusetts

*Keratinocytes’ Innate Immune Response to Ultraviolet Light B in Cutaneous Lupus Erythematosus.*

Tomonori Oka, M.D., Ph.D.
Harvard University, Massachusetts General Hospital

*Exploring How T Helper 2 cell Immunity Eliminates Pre-cancerous Skin Lesions*
Patient Directed Investigation Grant

John Edminster, M.D.
Wake Forest University

*In Vitro Investigation of Cinacalcet as a Non-Immunosuppressive Therapy for Pemphigus Vulgaris*

Tammy Gonzalez, M.D., Ph.D.
University of Miami

*Changing a Paradigm in Prurigo Nodularis - Protective Role of Facial Skin Commensals*