Contents

Charles & Daneen Stiefel Scholar Award in Skin Cancer 3

Sun Pharma Research Award 3

Career Development Awards:

Public Health Career Development Award 3
Clinical Career Development Award in Dermatologic Surgery 4
Physician Scientist Career Development Award 4
Science of Human Appearance Career Development Award 5
Medical Dermatology Career Development Award 5
Women’s Health Career Development Award 5-6
Research Career Development Award 6
Dermatopathology Research Career Development Award 6-7
Pediatric Dermatology Career Development Award 7

Fellowship:

Dermatologist Investigator Research Fellowship 7-8

Grants:

Patient Directed Investigation Grant 8
Research Grant 8
Women’s Health Research Grant 8

Diversity Research Supplement Award 8-9
Charles and Daneen Stiefel Scholar Award in Skin Cancer

Brian C. Capell, M.D., Ph.D. – Year 2
University of Pennsylvania
Restoring Epigenomic Histone Methylation Dynamics for the Treatment of Keratinocyte Carcinomas

Todd W. Ridky, M.D., Ph.D. – Year 3
University of Pennsylvania
Inhibiting Melanoma via a Novel and Druggable GPCR Pathway

Iwei Yeh, M.D., Ph.D.
University of California, San Francisco
Novel Therapies for KIT Mutant Melanoma

Sun Pharma Research Award

Elizabeth A. Grice, Ph.D. – Year 2
University of Pennsylvania
Harnessing the Commensal Skin Microbiota to Modulate Inflammation and Barrier Function

Johann E. Gudjonsson, M.D., Ph.D.
University of Michigan
Mechanisms of B-cell Activation and Autoantibody Formation in SLE

Career Development Awards

Public Health Career Development Award

Adewole S. Adamson, M.D. – Year 2
University of Texas, Austin - Dell
Optimizing Care Delivery and Health Equity in Patients with Melanoma

Lynn M. Petukhova, Ph.D. – Year 2
Columbia University
Neuropsychiatric and Metabolic Comorbidities in Patients with Autoimmune Diseases of the Skin

Aaron M. Secrest, M.D., Ph.D., M.P.H. – Year 3
University of Utah
Clinical Utility of Patient-Reported Outcomes in Dermatology

Joy Wan, M.D., M.S.C.E.
University of Pennsylvania
Neurocognitive Functioning of Children with Atopic Dermatitis
Clinical Career Development Award in Dermatologic Surgery

Mary L. Stevenson, M.D. – Year 3
New York University
Identification of Novel Risk Factors and Biomarkers for Poor Outcomes in Squamous Cell Carcinoma

Rie Takahashi, M.D., Ph.D.
University of California, Los Angeles
Cellular Diversity of Human Cutaneous Squamous Cell Carcinomas

Abigail Waldman, M.D., M.H.S. – Year 3
Brigham and Women's Hospital
Developing a Clinically Relevant Skin Cancer Patient Reported Outcome Measure (PROM)

Physician Scientist Career Development Award

David Y. Chen, M.D., Ph.D. – Year 3
Washington University
Epigenetic Regulation of Skin Homeostasis and Tumorigenesis

William E. Damsky, M.D., Ph.D. – Year 3
Yale University
Elucidating and Overcoming Mechanisms of Immunotherapy Resistance in Melanoma

Allen W. Ho, M.D., Ph.D. – Year 3
Brigham and Women's Hospital
Mechanisms of Immune Tolerance to Apoptotic Cells and Its Role in Cutaneous Autoimmunity

Matthew D. Vesely, M.D., Ph.D. – Year 2
Yale University
Stimulating Immune Inhibitory Receptors for the Treatment of Cutaneous Lupus

Lee E. Wheless, M.D.
Vanderbilt University
Using Machine Learning to Stratify Skin Cancer Risk in Organ Transplant Recipients

Sarah Whitley, M.D., Ph.D. – Year 2
University of Pittsburgh
IL-23 Regulates Cutaneous Resident Memory T Cell Development and Maintenance
Science of Human Appearance Career Development Award

Donna M. Brennan-Crispi, Ph.D. – Year 2  
University of Pennsylvania  
Roles and Modulation of WNT-FZD Signaling in Hair

Howa Yeung, M.D.  
Emory University  
Epidemiology of Acne and Barriers to Treatment in Transgender Persons

Medical Dermatology Career Development Award

Crystal U. Aguh, M.D.  
Johns Hopkins University  
Exploring Gene Expression Patterns & Biomarkers of Disease Severity in CCCA Characterization of Coccidiodomycosis (Valley Fever) Skin Manifestations

Albert Chiou, M.D. – Year 2  
Stanford University  
Evaluating Collagen VII Corrected Skin Grafts for Recessive Dystrophic Epidermolysis Bullosa

Benjamin H. Kaffenberger, M.D. – Year 3  
Ohio State University  
Prospective Categorization and Outcomes Analysis of Cutaneous Drug Eruptions

Shawn G. Kwatra, M.D. – Year 2  
Johns Hopkins University  
Racial Differences in Biomarkers and Therapeutic Targets for Chronic Itch

Cecilia Larocca, M.D. – Year 3  
Brigham and Women's Hospital  
An Implantable Microdevice for Candidate in situ Drug Sensitivity Testing in Mycosis Fungoides

Xiaolong Zhou, M.D., M.Sc. – Year 3  
Northwestern University  
Characterization of the Skin Microbiome in Cutaneous T Cell Lymphoma

Women's Health Career Development Award

Allison Billi, M.D., Ph.D.  
University of Michigan  
VGLL3 Regulation in Female-Biased Autoimmune Diseases
Women’s Health Career Development Award, Cont.

James Chen, Ph.D. – Year 2  
Columbia University  
*Computational Modeling of Sexually Dimorphic Molecular Pathologies in Hair and Skin Development*

Alicia Little, M.D., Ph.D. – Year 2  
Yale University  
*Role of T Follicular Helper Cells (Tfh) in Chronic Cutaneous Lupus Erythematosus*

Jillian M. Richmond, Ph.D. – Year 3  
University of Massachusetts  
*Targeting the CXCR3 Chemokine Axis in Cutaneous Lupus*

Research Career Development Award

Ryan P. Hobbs, Ph.D. – Year 3  
Pennsylvania State University  
*Cellular and Molecular Roles for Autoimmune Regulator in Early Skin Tumorigenesis*

Andrew Ji, M.D.  
Stanford University  
*Cancer Cell-Extrinsic and Intrinsic Control of Tumor Progression and Intratumoral Heterogeneity*

Juan-Manuel Leyva-Castillo, Ph.D. – Year 3  
Harvard University  
*Role of PAX5 in Skin-Derived Dendritic Cells During the Development of Allergic Skin Inflammation*

Bahram Razani, M.D., Ph.D. – Year 3  
University of California, San Francisco  
*A20 Restricts Psoriatic Inflammation*

Dermatopathology Research Career Development Award

Matthew S. Goldberg, M.D. – Year 3  
Icahn School of Medicine at Mount Sinai  
*Melanoma Epigenetics and the Functional Role of MacroH2A in Melanoma Progression*
Dermatopathology Research Career Development Award, Cont.

Randie Hee Kim, M.D., Ph.D. – Year 2
New York University
*Using Artificial Intelligence to Improve Prognosis of Intermediate Thickness Melanomas*

Ursula E. Lang, MD, PhD – Year 2
University of California, San Francisco
*Investigating the Role of Primary Cilia in Melanocytes and Melanomagenesis*

Pediatric Dermatology Career Development Award

Lisa M. Arkin, M.D.
University of Wisconsin
*Towards a Precision-based Treatment for Facial Vascular Stains*

Elena B. Hawryluk, M.D., Ph.D. – Year 3
Massachusetts General Hospital
*Atypical Pediatric Pigmented Lesions*

JiaDe Yu, M.D. – Year 2
Massachusetts General Hospital
*Prospective North American Pediatric Allergic Contact Dermatitis Registry*

Fellowships

Dermatologist Investigator Research Fellowship

Anna Eisenstein, M.D., Ph.D.
Yale University
*Understanding the Role of Dermal White Adipose Tissue in Skin Homeostasis*

Christoph T. Ellebrecht, M.D.
University of Pennsylvania
*Design and Characterization of Chimeric Antigen Receptors Targeting the γδ T Cell Receptor*

Byron C. Knowles, M.D., Ph.D.
University of California, San Francisco
*Genes Involved in Initiation and Progression of Cutaneous SCC*
Dermatologist Investigator Research Fellowship, Cont.

Leonid Shmuylovich, M.D., Ph.D.
Washington University
Laser Stimulated Thermal Imaging of Nonmelanoma Skin Cancer

Ting-Lin B. Yang, M.D., Ph.D.
Washington University
Regulation of Type 2 Inflammation by Natural Killer (NK) Cells in Atopic Dermatitis

Grants

Patient Directed Investigation Grant

Emily Cole, M.D., M.P.H.
Emory University
Neuropathic Sensory Phenotyping in Pruritus: A Mechanistic Approach to Diagnosis and Treatment

Research Grant

Manale El Kharbili, Ph.D.
University of Colorado, Denver
The Role of Mutant p53 in Melanoma

Gwennaelle C. Monnot, Ph.D.
Columbia University
The Role of Bacterial Lipid Antigen Recognition by T Cells in Skin Inflammation and Homeostasis

Women’s Health Research Grant

Tara Jaleel, M.D.
Duke University
Sex Hormones in Hidradenitis Suppurativa

Diversity Research Supplement Awards

Zelma C. Chiesa-Fuxench, M.D.
University of Pennsylvania
Genetics of Atopic Dermatitis in Hispanics

Emily Y. Chu, M.D., Ph.D.
University of Pennsylvania
Investigation of Diagnostic Markers for Spitzoid Melanocytic Neoplasms
Diversity Research Supplement Awards, Cont.

**Donald A. Glass, II, M.D., Ph.D.**  
Southwestern Medical School University of Texas  
*Investigating the Roles of Midkine and Pleiotrophin in Keloid Pathogenesis*

**Tamia Harris-Tryon, M.D., Ph.D.**  
Southwestern Medical School University of Texas  
*Examining the Impact of Vitamin A Resistin Like Molecule Alpha and the Microbiota on Skin Immunity*

**Joslyn S. Kirby, M.D.**  
Pennsylvania State University  
*Cohort Study of Post-operative Complication Rates in People With & Without Hidradenitis Suppurativa*

**Eleni Linos, M.D., M.P.H., Dr.PH**  
Stanford University  
*Targeted Advertising for Cancer Prevention*

**Alina Markova, M.D.**  
Cornell University  
*Incidence and Characterization of Sweet Syndrome in Patients Receiving Novel Anticancer Therapies*

**Haley B. Naik, M.D.**  
University of California, San Francisco  
*Identifying Barriers to Accessing Healthcare and Treatment in Hidradenitis Suppurativa*

**Junko Takeshita, M.D., Ph.D.**  
University of Pennsylvania  
*Quality-of-Life Among Adults with Atopic Dermatitis: Evaluating Sociodemographic Differences*

**Lam C. Tsoi, Ph. D.**  
University of Michigan  
*Electronic Health Record System to Reveal Ethnic Difference in Diagnostic Accuracy*

**Lam C. Tsoi, Ph.D.**  
University of Michigan  
*Survey to Summarize Unique Molecular Pathophysiology Among Patients of Different Ethnicities*