2018

Research Award Recipients

February 17, 2018
Annual Meeting
San Diego, CA
## Contents

<table>
<thead>
<tr>
<th>Award/Development Award</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles &amp; Daneen Stiefel Scholar Award in Skin Cancer</td>
<td>3</td>
</tr>
<tr>
<td><strong>Career Development Awards:</strong></td>
<td></td>
</tr>
<tr>
<td>Public Health Career Development Award</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Career Development Award in Dermatologic Surgery</td>
<td>3 - 4</td>
</tr>
<tr>
<td>Physician Scientist Career Development Award</td>
<td>4 - 5</td>
</tr>
<tr>
<td>Medical Dermatology Career Development Award</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Women’s Health Career Development Award</td>
<td>6</td>
</tr>
<tr>
<td>Research Career Development Award</td>
<td>6 - 7</td>
</tr>
<tr>
<td>Dermatopathology Research Career Development Award</td>
<td>7</td>
</tr>
<tr>
<td>Pediatric Dermatology Career Development Award</td>
<td>8</td>
</tr>
<tr>
<td><strong>Fellowship:</strong></td>
<td></td>
</tr>
<tr>
<td>Dermatologist Investigator Research Fellowship</td>
<td>8</td>
</tr>
<tr>
<td><strong>Grants:</strong></td>
<td></td>
</tr>
<tr>
<td>Research Grant</td>
<td>9</td>
</tr>
<tr>
<td><strong>Research Supplement Award</strong></td>
<td>9</td>
</tr>
</tbody>
</table>
Charles & Daneen Stiefel Scholar Award in Skin Cancer

Todd W. Ridky, M.D., Ph.D.
*University of Pennsylvania*
Inhibiting Melanoma Via a Novel and Druggable GPCR Pathway

Public Health/Clinical Career Development Award in Health Care Policy

**Katrina E. Abuabara, M.D. – Year 3**
*University of California, San Francisco*
Eczema Epidemiology and Comorbidities

**Arianne S. Kourosh, M.D., M.P.H. – Year 2**
*Massachusetts General Hospital*
Avatoras: A Telehealth Innovation to Address Access and Compliance Barriers for Chronic Skin Disease

**Megan Noe, M.D., M.P.H. – Year 2**
*University of Pennsylvania*
Risk of Hospitalization for Pneumonia Adults with Chronic Skin Diseases

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

Clinical Career Development Award in Dermatologic Surgery

**Christian L. Baum, M.D. – Year 3**
*Mayo Clinic, Rochester*
Prognostic Risk Factors and Interventions for Patients with cSCC and CLL/NHL

**Jeremy R. Etzkorn, M.D. – Year 2**
*University of Pennsylvania*
Coherent Anti-Stokes Raman Spectroscopy for Basal Cell Carcinoma Diagnosis and Surgical Management

**Emily Stamell Ruiz, M.D. – Year 3**
*Brigham and Women's Hospital*
Skin Cancer Equity and Expenditure Analysis
Clinical Career Development Award in Dermatologic Surgery (cont.)

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

Abigail Waldman, M.D., M.H.S.
Brigham and Women's Hospital
Skin Cancer Life Impact and Functional Evaluation (LIFE)

Physician Scientist Career Development Award

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

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

Marlys S. Fassett, M.D., Ph.D. – Year 2
University of California, San Francisco
IL-31: Coupling Itch and Rash in Atopic Dermatitis

Jennifer G. Gill, M.D, Ph.D. – Year 2
Southwestern Med. School Univ. of Texas
Transcriptional and Metabolic Adaptations of Melanoma Metastases

Tamia A. Harris-Tryon, M.D., Ph.D. – Year 3
Southwestern Med. School Univ. of Texas
Determining the Function of Resistin-Like Molecule alpha (RELMa) in Cutaneous Host Defense

Allen W. Ho, M.D., Ph.D.
Brigham and Women's Hospital
Mechanisms of Immune Tolerance to Apoptotic Cells and Its Role in Cutaneous Autoimmunity
Physician Scientist Career Development Award (cont.)

John C. Selby, M.D. – Year 3  
*University of Iowa*  
The Mechanobiological Paradigm of Keratinocyte Re-Epithelialization: Effects of Matrix Stiffness

Cory L. Simpson, M.D., Ph.D. – Year 2  
*University of Pennsylvania*  
Mechanism of Selective Autophagy in Epidermal Differentiation and Homeostasis

Science of Human Appearance Career Development Award

Ka Wai Mok, Ph.D. – Year 3  
*Icahn School of Medicine at Mount Sinai*  
Identifying the Key Niche Signals for Hair Follicle Formation

Medical Dermatology Career Development Award

Joshua Arbesman, M.D. – Year 3  
*Case Western Reserve University*  
Identifying Novel Preventative Approaches in Melanoma Using Genetics of Very High-Risk Families

Zelma C. Chiesa-Fuxench, M.D. – Year 2  
*University of Pennsylvania*  
Atopic Dermatitis: Expanding Our Understanding of Complex Disease in the Hispanic Population

Benjamin H. Kaffenberger, M.D.  
*Ohio State University*  
Prospective Categorization and Outcome Analysis of Cutaneous Drug Eruptions

Cecilia Larocca, M.D.  
*Brigham and Women’s Hospital*  
An Implantable Microdevice for Candidate in Situ Drug Sensitivity Testing in Mycosis Fungoides

Hadar Lev-Tov, M.D., M.A.S. – Year 2  
*University of Miami*  
Understanding First Venous Leg Ulcers in People with Venous Insufficiency
Medical Dermatology Career Development Award (cont.)

Alina Markova, M.D. – Year 2
Cornell University
  Epidemiology and Mechanisms of Dermatologic Disease in Hospitalized Patients with Cancer

Haley B. Naik, M.D. – Year 3
University of California, San Francisco
  Investigating the Role of the Skin Microbiome in Hidradenitis Suppurativa

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

Women’s Health Career Development Award

Chung-Ping Liao, Ph.D. – Year 3
Southwestern Med. School Univ. of Texas
  Mechanisms Regulating Hair Pigmentation and Development

Ian D. Odell, M.D., Ph.D. – Year 2
Yale University
  Functional Analysis of Dendritic Cells and Development of a Humanized Mouse Model of Scleroderma

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

Research Career Development Award

Nathan K. Archer, Ph.D.
Johns Hopkins University
  The Role of IL-1alpha in Atopic Dermatitis Skin Inflammation

Ryan P. Hobbs, Ph.D.
Penn State University
  Cellular and Molecular Roles for Autoimmune Regulator in Early Skin Tumorigenesis
Research Career Development Award (cont.)

Wenqing Li, Ph.D. – Year 3
Brown University
Clinical and Genetic Epidemiology of Atypical Nevi

Yun Liang, Ph.D.
University of Michigan
The Role of VGLL3 in Regulation of Sexually Dimorphic, IFN-mediated Immune Processes

Gatien Moriceau, Ph.D. – Year 2
University of California, Los Angeles
Exploiting Mechanisms of Drug Addiction to Suppress MAPKi Resistance in Melanoma

Bethany E. Perez-White, Ph.D. – Year 2
Northwestern University
Breaking Down Barriers: Defining the Role of EphA2 in Building Epidermal Tight Junctions

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

Roberto R. Ricardo-Gonzalez, M.D., Ph.D. – Year 3
University of California, San Francisco
Study of Innate Lymphoid Cells Type 2 in the Skin

Dermatopathology Research Career Development Award

Matthew S. Goldberg, M.D.
Icahn School of Medicine at Mount Sinai
Melanoma Epigenetics and the Functional Role of MacroH2A in Melanoma Progression

Maija Kiuru, M.D., Ph.D. – Year 2
University of California, Davis
Molecular Basis of Inherited and Sporadic Melanocytic Nevi
Pediatric Dermatology Career Development Award

Leslie A. Castelo-Soccio, M.D., Ph.D. – Year 2
*University of Pennsylvania*
Genetics and Imaging of Pediatric Hair Disorders

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

Dermatologist Investigator Research Fellowship

Christopher S. Crowley, M.D.
*University of California, San Diego*
Investigation of the Role of the Volume Regulated Anion Channels (VRACs) in Keratinocyte Biology

Marianna Freudzon, M.D.
*Yale University*
Understanding the Role of GILT in Malaria Transmission in Skin

Melissa A. Kinnebrew, M.D., Ph.D.
*University of California, San Francisco*
Defining the Mechanisms of Thermoregulation in the Skin

Rie Takahashi, M.D., Ph.D.
*University of California, Los Angeles*
Metabolic Landscape of Human Cutaneous Squamous Cell Carcinomas

Margaret Wat, M.D., Ph.D.
*Case Western Reserve University*
Genetic and Molecular Mechanisms of Cutaneous T Cell Lymphoma

Sarah Whitley, M.D., Ph.D.
*University of Pittsburgh*
IL-23 Regulates Cutaneous Resident Memory T Cell Development
Dermatology Foundation
2018 Research Award Recipients

Research Grant

Duncan Hieu M. Dam, Ph.D.
Northwestern University
Role of Scavenger Receptors in Modulation of Toll-like Receptors Activation in Viral Skin Infections

William W. Huang, M.D., M.P.H.
Wake Forest University
Developing the Pyoderma Gangrenosum Area and Severity Index (PGASI): An Outcome Instrument for PG

Research Supplement Award

Emma Gutman, MD, PhD
Icahn School of Medicine at Mt. Sinai
Difference in the Evaluation, Treatment and Comorbidities of Psoriasis in Patients with Skin of Color

Jennifer T. Huang, MD
Boston Children’s Hospital
Examining Racial Disparities in Dermatologic Care of Children with Cancer

Masaoki Kawasumi, MD, PhD
University of Washington
CRISPR-Cas9 Epigenome Editing to Inhibit Skin Cancer

Thomas H. Leung, MD, PhD
University of Pennsylvania
Understanding the Pathogenesis of Neutrophilic Dermatoses

Eleni Linos, M.D., M.P.H., Dr.PH
University of California, San Francisco
1. Skin Cancer Prevention in Sexual Minorities
2. Dermatologists' Prescriptions of Antihistamines in Older Adults: Data from the National Ambulatory Health Survey 2006-2015

Junko Takeshita, MD, PhD, MSCE
University of Pennsylvania
Patient-Provider Racial Concordance and Patient Satisfaction

Janis M. Taube, M.D., M.Sc.
Johns Hopkins University
Characterizing Cell Type-Specific PD-1 and PD-L1 Expression in Melanoma