



2009

Research Award Recipients

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Contents

	Page
<i>Career Development Awards:</i>	
Clinical Career Development Award in Health Care Policy	3
Clinical Career Development Award in Dermatologic Surgery	3
Physician Scientist Career Development Award	4-5
Science of Human Appearance Career Development Award	5
Medical Dermatology Career Development Award	5-6
Psoriasis Career Development Award	6
Women's Health Career Development Award	6
Research Career Development Award	6-8
<i>Fellowships:</i>	
Dermatologist Investigator Research Fellowship	8
Fellowship in Pediatric Dermatology	9
<i>Grants:</i>	
Patient Directed Investigation Grant	9
Dermatopathology Research Grant	10
Research Grant	10-11
Program Development Grant	11



Clinical Career Development Award in Health Care Policy

April W. Armstrong, M.D.

University of California, Davis

Outcome Evaluation of an Online Care Model for the Management of Atopic Dermatitis

Melody J. Eide, M.D., M.P.H. – Year 2

Henry Ford Medical Center

Association of Sociodemographic Factors & Healthcare Use with Melanoma Survival in a Diverse Cohort

Mario E. Lacouture, M.D. – Year 2

Northwestern University

Innovative Pharmacovigilance for Dermatologic Adverse Events in Oncology

Clinical Career Development Award in Dermatologic Surgery

Sarah T. Arron, M.D., Ph.D.

University of California, San Francisco

Human Papillomavirus as an Etiologic Agent of Squamous Cell Carcinoma

Jeremy S. Bordeaux, M.D., M.P.H. – Year 2

Case Western Reserve University

Multicenter Prospective Rare Cutaneous Tumor Database and Tissue Bank

Jerry D. Brewer, M.D.

Mayo Clinic, Rochester

Non-Hodgkin Lymphoma and Skin Cancer

Faramarz H. Samie, M.D. – Year 2

Thomas Jefferson University

Molecular Targeted Therapy for Inhibiting Collagen Fibril Formation and its Use in Surgery

Steven Q. Wang, M.D. – Year 3

Cornell University

Mohs Micrographic Surgery for Lentigo Maligna Melanoma Assisted by Confocal Laser Microscopy



Physician Scientist Career Development Award

Allen T. Bruce, M.D., Ph.D. – Year 2

University of Michigan

Phenotype and Function of IL-17-secreting T-cells in Psoriasis

Raymond J. Cho, M.D., Ph.D.

University of California, San Francisco

Defining Mutational Topography in the MAPK and PI-3 Kinase Pathways
in Human Squamous Cell Cancers

Benjamin F. Chong, M.D.

University of Texas Southwestern Medical School

Signaling Pathways of Cutaneous Lupus

Oscar R. Colegio, M.D., Ph.D.

Yale University

Defining the Role of the Innate Immune System in Tumor Progression and
Metastasis

Rajnish A. Gupta, M.D., Ph.D. – Year 2

Stanford University

HOX Cluster Noncoding RNAs in Skin Positional Identity and Fibrosing
Disorders of the Skin

Lu Q. Le, M.D., Ph.D. – Year 2

University of Texas Southwestern Medical School

Cell of Origin and Tumor Microenvironment in NF1-Associated
Neurofibroma Development

Roger S. Lo, M.D., Ph.D. – Year 3

University of California, Los Angeles

Melanoma in the Skin: Initiation, Progression, and Crosstalk with Dermal
Fibroblasts

Kurt Lu, M.D. – Year 2

Case Western Reserve University

Phenotypic and Functional Analysis of Alternatively Activated
Macrophages in Skin Inflammation



Physician Scientist Career Development Award (*cont.*)

Robert W. Walters, M.D., Ph.D. – Year 3

Duke University Medical Center

Beta-arrestin Mediated Signaling in Metastatic Melanoma

Jane Yoo, M.D.

University of Washington

Investigating the Regulatory Function of Matrix Metalloproteinase 28
(Epilysin) in Atopic Dermatitis

Science of Human Appearance Career Development Award

Anne Lynn S. Chang, M.D.

Stanford University

Identification of Genes Promoting Exceptional Skin Youthfulness

Mandy S. Harting, M.D.

University of Michigan

Molecular Analyses of Retinoid-Induced Dermatitis in Aged/Photoaged
Human Skin

Prashiela Manga, Ph.D. – Year 3

New York University

Evaluating the Contribution of the OCA2 Protein to Variation in Normal
Skin Pigmentation

Medical Dermatology Career Development Award

Anna L. Bruckner, M.D. – Year 2

Stanford University

Bone Mass and Fracture Risk in Patients with Epidermolysis Bullosa

Pedram Gerami, M.D.

Northwestern University

Fluorescent In Situ Hybridization and Novel Molecular Markers as a
Prognostic Tool in Melanoma



Medical Dermatology Career Development Award (*cont.*)

Yolanda R. Helfrich, M.D. – Year 2

University of Michigan

Clinical and Molecular Analysis of Differences Between Rosacea and Photoaging

Whitney A. High, M.D., M.Eng. – Year 2

University of Colorado, Denver

Characterization of Gadolinium and Other Metals in Nephrogenic Systemic Fibrosis

Arturo Saavedra-Lauzon, M.D., Ph.D.

Brigham & Women's Hospital

Prognostic Value of Immunophenotyping infiltrates in Adverse Drug Reactions

Dawn H. Siegel, M.D. – Year 3

Oregon Health & Science University

Genetic Analysis of PHACES

Psoriasis Career Development Award

Wilson J. Liao, M.D. – Year 3

University of California, San Francisco

Genetic Risk Factors for Psoriasis

Women's Health Career Development Award

Claudia Hernandez, M.D.

University of Illinois at Chicago

Designing Public Health Strategies to Reduce Skin Cancer Disparities

Research Career Development Award

Thomas Andl, Ph.D.

Vanderbilt University

The Contribution of MicroRNAs to Epigenomic Alterations During Skin Tumorigenesis and Skin Aging



Research Career Development Award (*cont.*)

Jiang Chen, M.D.

University of Colorado, Denver

Testing Therapeutic Strategies for Epidermolytic Hyperkeratosis Using a Preclinical Mouse Model

Francesco Del Galdo, M.D. – Year 2

Thomas Jefferson University

From Gadolinium to Fibrosis: Role of Caveolin-1 in the Pathogenesis of NFD

Spiro Getsios, Ph.D. – Year 3

Northwestern University

Coordinated Ephrin/Eph-Receptor Signaling and Cadherin-mediated Adhesion in Human Keratinocytes

Mayumi Ito, Ph.D.

New York University

Melanocyte Stem Cells in Wound Healing

Minjung Kim, Ph.D. – Year 3

Harvard University

Role of NEDD9 in Melanoma Maintenance and Progression

Shi-Long Lu, M.D., Ph.D. – Year 3

University of Colorado, Denver

TGFbeta and AKT Interplay in Skin Cancer

Brian Poligone, M.D., Ph.D. – Year 2

University of Rochester

NF Kappa B Activity in Skin Inflammation and Carcinogenesis

Michael Rendl, M.D.

Mount Sinai Medical Center

Hair Inducing Cell Fate Specification of Dermal Papilla Cells

Julie L. Ryan, Ph.D., M.P.H. – Year 2

University of Rochester

Radioprotective Function of Curcumin and Secretory Phospholipase A2-isoform V Inhibition



Research Career Development Award (*cont.*)

Yutaka Shimomura, M.D., Ph.D. – Year 2

Columbia University

The Role of p63 and P-cadherin in the Hair Follicle and Ectodermal Appendages

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

University of California, San Francisco

Noncoding RNAs and Positional Identity in the Skin

Nabiha Yusuf, Ph.D.

University of Alabama

Photoimmunological Effect of Toll Like Receptor-4 (TLR4) in Skin

Dermatologist Investigator Research Fellowship

Todd C. Becker, M.D.

University of California, Los Angeles

The Role of Dermal Antigen Presenting Cells in Host Defense

Mark J. Eliason, M.D.

University of Utah

Etanercept in the Treatment of Chronic Idiopathic Urticaria

John E. Harris, M.D., Ph.D.

University of Pennsylvania

In Vivo Imaging of Cellular Events in a Mouse Model of Autoimmune Vitiligo

Michael D. Rosenblum, M.D., Ph.D.

University of California, San Francisco

Regulation of Chronic Inflammation in Skin

Marie S. Tuttle, M.D.

Case Western Reserve University

Evaluating Microbial Diversity in Wounds and the Effect of Biofilms on Wound Healing

James C. Vary, M.D.

University of Washington

Polymorphisms of the Innate Immune System in Leprosy



Fellowship in Pediatric Dermatology

Erin F.D. Mathes, M.D.

University of California, San Francisco

Online Spaced Education: A New Method for Teaching Dermatology to Pediatric Residents

Patient Directed Investigation Grant

Kristina Callis Duffin, M.D.

University of Utah

Relationship of Sleep Disorder to the Clinical Features and Metabolic Comorbidities of Psoriasis and Psoriatic Arthritis

Mandy S. Harting, M.D.

University of Michigan

Molecular Analyses of Retinoid-induced Dermatitis in Aged/Photoaged Human Skin

Valerie M. Harvey, M.D.

Eastern Virginia Medical School

An Analysis of the Clinical Spectrum and Molecular Mechanisms of Post Inflammatory Hyperpigmentation in Different Skin Types

Laura B. Pincus, M.D.

University of California, San Francisco

Survival and Prognostic Factor Analysis in Follicular Mycosis Fungoides

Lori D. Prok, M.D.

University of Colorado, Denver

Calcipotriene 0.005% Cream Versus UVA-1 Phototherapy for Morphea in the Pediatric Population

Wynn L. Tom, M.D.

University of California, San Diego

Genetic Variation in a T-cell Signaling Pathway and its Influence on Pediatric Psoriasis



Dermatopathology Research Grant

Christine J. Ko, M.D.

Yale University

Comparison of Squamous Cell Carcinoma and Keratoacanthoma

Research Grant

Tongyu Cao, Ph.D.

University of Miami

Non-healing Wounds in the Rough Coat Mice

Jiang Chen, M.D.

University of Colorado, Denver

Testing Therapeutic Strategies for Epidermolytic Hyperkeratosis Using a Preclinical Mouse Model

Hye Jin Chung, M.D.

Thomas Jefferson University

Targets of Cell Therapy for Epidermolysis Bullosa

Anand K. Ganesan, M.D.

University of California, Irvine

Dissecting the Impact of Autophagy Regulators on Melanogenesis in Human Cells

Luis A. Garza, M.D., Ph.D.

Johns Hopkins Medical Institutions

Prostaglandins in Normal Hair Growth and Alopecia

Jodi L. Johnson, Ph.D.

Oregon Health & Science University

The Impact of DNA Repair by Chlorella Virus Pyrimidine Dimer Glycosylase in UVB-Exposed Skin Cells

Laure Rittie, Ph.D.

University of Michigan

Molecular and Cellular Basis of Impaired Wound Healing in Aged Human Skin In Vivo



Research Grant (*cont.*)

Joyce M. C. Teng, M.D.

University of Wisconsin

A Novel Study Model for Genetic Skin Diseases Using Patient-Specific
Induced-Pluripotent Stem Cells

Tian Tian, M.D., Ph.D.

Harvard University

Cutaneous Immune Response to Vaccinia Virus: Regulated by IL-1

Program Development Grant

Darius R. Mehregan, M.D.

Wayne State University

Laboratory Development in Specialty of Reactive Oxygen Species