

Research Update, Spring 2020

Welcome to the introductory Dermatology Research, Education, and Academic (DREAM) team research newsletter! This newsletter is designed to communicate information about active research, recent accomplishments, and research opportunities pertaining to practicing TPMG dermatologists.

In this first issue, we share results from our recent survey, describe the research interests of the group, provide information about upcoming events, highlight some internal funding opportunities, and finally, recognize recent achievements and the cumulative research published by KPNC dermatologists. We've also attached a helpful reference highlighting some of the funding resources available to TPMG clinicians.

General Research Updates

A total of 38 (!) KPNC dermatology physicians have indicated an interest in research. Almost all of them responded to our survey and provided information about specific topic areas of interest and research recommendations. We grouped the responses based on disease/organ categories in the table below. Most survey respondents requested 1-2 research group updates per year, and there was some enthusiasm about creating a standing meeting where physicians could present on their research.

THANK YOU for your thoughtful input regarding knowledge gaps in dermatology, improving practice efficiency, and generating high-impact research questions. Your ongoing suggestions and contributions are greatly appreciated!

Please follow this [link](#) to the dermatology specialty group page on the Delivery Science and Applied Research website.

Who's Doing Research?

There is a lot of collective research experience among the KPNC dermatologists. The majority of those completing the survey (84%) completed research projects during residency and, similarly, 47% have conducted chart reviews for research projects. One third of respondents have recruited patients for research studies in their clinics and a quarter have had, or currently have, research grants. Almost all the respondents expressed interest in being involved in research. Around half indicated an interest in either leading their own project or participating as a co-investigator on a project. Half also indicated an interest in working on projects led by other investigators. There was also interest in

mentorship, developing skills needed to lead research independently, and contributing to and leading manuscript writing.

Below is a list of those who indicated a more specific area of interest within the dermatology specialty group. Please make sure this is correct, as we can use these answers to support interest groups. Send updates/corrections to Jennifer Schneider Jennifer.L1.Schneider@kp.org.

Delivery of Care (Disparities in care, Evidence based care)	Inflammatory/Autoimmune Disorders	Virtual Care
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Joan Paul
Farzam Gorouhi
Priya Venkatesan
Adriane Boyle
Akhil Wadhera
Melvin Lee
Kerry Blacker
Amara Lieberman
Eunice Tsai
Ricardo Paniagua
Shabnam Madani
Deborah Lobo
Cynthia Chen
Ngoc Pham
Kenneth Katz

Farzam Gorouhi
Bree Zimmerman
Adriane Boyle
Akhil Wadhera
Amara Lieberman
Eunice Tsai
Ricardo Paniagua

Mike Haiman
Sangeeta Marwaha
Joyce Park
Paradi Mirmirani
Jillian Millsop
Aman Samrao
Amara Lieberman

Skin Cancer (treatment, outcomes, prevention, screening)	Pediatric Dermatology	Hair Disorders
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Sangeeta Marwaha
Priya Venkatesan
Elbert Chen
Patrick McCleskey
James Click
Sandra Han
Kerry Blacker
Sandhya Yadav
Amara Lieberman
Daniel Michael
Eric Fromer
Shabnam Madani
Neha Prakash
Kati Clyman
Ngoc Pham
Rupa Badlani

Bree Zimmerman

Paradi Mirmirani
Stefan Vanderweil
Aman Samrao
Deborah Lobo

Upcoming Events

American Academy of Dermatology Meeting – Denver, March 19-24

Dr. Mirmirani will be speaking in two sessions:

- S065: Therapeutic and Diagnostic Pearls 03/24/2020, 8:00 AM– 10:00 AM (Hair 8:49- 9:05)
- F075: Women’s Health Therapeutic Hotline 3/21/2020 3:30-5:30 PM (3:45 – 4:00 Therapy Update for Androgenetic Alopecia in Women)

American Society for Laser Medicine & Surgery Meeting – Phoenix, Late April 2020

Dr. Wadhera’s abstract titled, “Successful treatment of tattoo induced chronic bilateral uveitis and iritis with Co2 laser ablation of area with allergic tattoo reaction” was accepted for an oral presentation.

DREAM Team Meeting – Friday April 17th 12:30-1:30 on MS Teams

If you are not on the list please contact Dr. Mirmirani

Research Funding Opportunities

- [General Funding Opportunities](#)
- [Physician Researcher Program Webpage](#)
- [Delivery Science Research Program Webpage](#)
[Request for Delivery Science Grant Letters of Intent](#) Due Date: Apr. 30, 2020

Current Projects and Scholarly Activities

Here is a brief list of current projects and scholarly activities from some of your KP Dermatology colleagues:

Adriane Boyle

- Several presentations on skin care and cosmetic services at local physician's health and wellness meetings and at the "Thrive after 45" conference.

Cynthia Chen

- Lecture at AAD about Cellcept as part of a systemic medications session

James Click

- Home phototherapy for teledermatology

Eric Fromer

- Raptiva post phase 3 safety trial, looking for adverse events and PGA improvement
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Farzam Gorouhi

- New edition of Evidence Based Dermatology textbook is on its way and will be the editor of the book. Several other commitments in societies that will be available upon request.
- UC Davis: molecular pathogenesis of pemphigus Vulgaris. This is a pilot epigenetic project to further characterize this disease. Meta-analysis of disease associations in bullous pemphigoid this shows a strong correlation between neuropsychiatric diseases and BP

Sangeeta Marwaha

- Comparisons of teledermatology and face to face workflows at NCAL KP
- Effectiveness of teledermatology in evaluation and care of rashes

Kenneth Katz

- Deputy Editor, JAMA Dermatology
- Chair, Dermatologic and Ophthalmic Drugs Advisory Committee, FDA

Amara Lieberman

- 2019- Kaiser Urgent Care Dermatology lecture for primary care physicians in Santa Cruz Co. -
- 2018- Invited Lecture on Skin Lesions near the Eye to Monterey Bay Optometry Society

Patrick McCleskey

- July 2019: Submitted application for community benefits grant to study transgender patients taking isotretinoin.
 - McCleskey P. Eliciting a sexual and gender identity history, in Caring for LGBT patients: what dermatologists need to know. 24th World Congress of Dermatology, Milan, Italy. Jun 2019.
 - McCleskey P. Eliciting a sexual and gender identity history, in Caring for LGBT patients: what dermatologists need to know. 2019 Annual Meeting, American Academy of Dermatology, Washington DC, Mar 2019.
 - McCleskey PE. Grand Rounds: Melanoma. David Grant Medical Center, Travis Air Force Base, California, Apr 2019.
 - Mundluru SN, Ramalingam ND, McCleskey P, Tran HN. "Skin in the Game - A Multimodal Approach to Improving Resident Education for Skin of Color Dermatology." Abstract. National American College of Physicians Conference. April 2019.
 - Mundluru SN, Darbinian J, Ramalingam ND, McCleskey P, Lo JC. "The Prevalence of Clinical Acne Diagnosis by Weight Status and Ethnicity Among Female Adolescent Populations." Abstract. Accepted to the annual American Academy of Dermatology Conference as an Oral Presentation. March 2019.
 - Mundluru SN, Ramalingam ND, McCleskey P, Tran HN. "Addressing Internal Medicine Residents' Discomfort with Basic Skin of Color Dermatology in the Primary Care Clinic." Abstract. Presented at the Northern California American College of Physicians Conference. November 2018.
 - McCleskey PE. The Skin, Hair, and Nails. In: Bickley L, ed. Bates' Guide to Physical Examination and History Taking. 12th ed. Philadelphia PA: Lippincott Williams & Wilkins. 2017: 173-214.
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Paradi Mirmirani

- A Double-Blind, Randomized, Placebo-Controlled, Study To Evaluate The Safety And Efficacy Of CTP-543 In Adult Patients With Moderate To Severe Alopecia Areata-Principal Investigator Concert Pharmaceuticals (2017-present)
- The Association of Central Centrifugal Cicatricial Alopecia and other Fibrotic Disorders. Kaiser Permanente Community Benefit Grant (2019)
- A Phase 2B/3 Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Investigate the Efficacy and Safety of PF-06651600 in Adult and Adolescent Alopecia Areata (AA) Subjects with 50% or Greater Scalp Hair Loss Principal Investigator- Pfizer Pharmaceuticals (5/2019-present)
- UpToDate (Online publication): Traction Alopecia
- Pediatric Pathology and Dermatopathology Textbook (2018): Chapter authorship: Disorders of hair, adnexae, nails, cartilage
- Alopecia Textbook (2018): Chapter authorship: Lichen planopilaris
- Mirmirani P. Practice Update Commentary on "Effectiveness and Safety of Low-Dose Oral Minoxidil in Male Androgenetic Alopecia." May 24, 2019.
- Mirmirani P. Practice Update Commentary on "The Efficacy and Use of Finasteride in Women: A Systematic Review."

Society Leadership:

- American Academy of Dermatology (Media Expert Team 2006- current, Poster Selection Committee 2018-2019)
- North American Hair Research Society- Mentorship Committee (2018- present)
- Cicatricial Alopecia Research Foundation- Scientific Advisory Board (2003- current)
- National Alopecia Areata Foundation -Clinical Research Advisory Council (1/2019-present)
- San Francisco Dermatologic Society (Key Dermatology Leader- Hair)

Ricardo Paniagua

- ProPath Academic Research Grant: "Characterization of morphea perineural inflammation" 2014
- WDS Academic Research Grant: "Characterization of serum autoantibodies in morphea" 2014

Joyce Park

- Active: examining social media hashtags verifying the identity of medical professionals on social media. Description: Given the overload of misinformation from questionable sources on social media, a campaign titled #VerifyHealthcare was launched on Instagram to promote transparency among healthcare providers in the online space. The campaign was launched on September 12, 2018, with a group of 20 physicians posting their training credentials (undergraduate, medical school, residency, and fellowship) including board certification status and a call to action for other healthcare professionals to do the same using the uniform hashtag #VerifyHealthcare.

Joan Paul

- Working on a tropical dermatology manual with mentor Dr. Aisha Sethi
 - Actinic cheilitis treated with PDT BLU light (\$100,000 grant from DUSA as a resident)
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Aman Samrao

- Study to determine link of CCA and fibrotic disorders

Stefan Vanderweil

- Peer reviewer for academic journals

Bree Zimmerman

- Currently preparing 2 case reports. One of a shared pt from UC Davis and another within Kaiser.

Recent Achievements and Publications Co-authored by KPNC Dermatologists

Recent Achievements

Congrats to our teledermatology research team on this recent press announcement:

"When Kaiser Permanente tested a new teledermatology workflow with close to 60,000 members over a six-month period in 2017, it resulted in a 9 percent increase in identified skin cancers with 39 percent fewer face-to-face dermatology visits."

<https://www.healthaffairs.org/doi/10.1377/hblog20200131.184871/full/?mi=3u3irl&af=R&ConceptID=891&content=blog&countTerms=true&target=topic-blog#.Xj2Sm3lNMnQ.email>

KPNC Dermatologists' Publications from 2018 to Present:

1. [Gao Y¹](#), [Maurer T²](#), [Mirmirani P^{3,4}](#) [Understanding and Addressing Hair Disorders in Transgender Individuals. Am J Clin Dermatol.](#) 2018 Aug;19(4):517-527. doi: 10.1007/s40257-018-0343-z.
 2. [Gutierrez D¹](#), [Krueger LD¹](#), [Tan A^{1,2}](#), [Park JH^{1,3}](#), [Lipkin G¹](#), [Meehan SA](#) [Proton pump inhibitor-induced erythema dyschromicum perstans-like pigmentation JAAD Case Rep.](#) 2019 Aug 5;5(8):701-703. doi: 10.1016/j.jdc.2019.06.014. eCollection 2019 Aug.
 3. [Marwaha SS¹](#), [Fevrier H²](#), [Alexeeff S²](#), [Crowley E³](#), [Haiman M⁴](#), [Pham N⁵](#), [Tuerk MJ⁶](#), [Wukda D⁷](#), [Hartmann M⁷](#), [Herrinton LJ⁸](#). [Comparative effectiveness study of face-to-face and teledermatology workflows for diagnosing skin cancer. J Am Acad Dermatol.](#) 2019 Nov;81(5):1099-1106. doi: 10.1016/j.jaad.2019.01.067. Epub 2019 Feb 7.
 4. [McCleskey PE¹](#). [Comment on "analysis of nail-related content of the basic dermatology curriculum". Cutis.](#) 2019 Aug;104(2):125-126.
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5. **Mirmirani P**^{1,2,3}, **Tosti A**⁴, **Goldberg L**⁵, **Whiting D**⁶, **Sotoodian B**⁷. [Frontal Fibrosing Alopecia: An Emerging Epidemic](#). *Skin Appendage Disord*. 2019 Feb;5(2):90-93. doi: 10.1159/000489793. Epub 2018 Jun 19.
 6. **Olsen EA**¹, **Roberts J**², **Sperling L**³, **Tosti A**⁴, **Shapiro J**⁵, **McMichael A**⁶, **Bergfeld W**⁷, **Callender V**⁸, **Mirmirani P**⁹, **Washenik K**¹⁰, **Whiting D**¹¹, **Cotsarelis G**¹², **Hordinsky M**¹³. [Objective outcome measures: Collecting meaningful data on alopecia areata](#). *J Am Acad Dermatol*. 2018 Sep;79(3):470-478.e3. doi: 10.1016/j.jaad.2017.10.048. Epub 2017 Nov 8.
 7. **Parks R**¹, **Newsom EC**, **Park JH**, **Lawrence N**. [Skincare Addiction on Reddit: Dermatology Enthusiasts Talk Skin](#). *Dermatol Surg*. 2019 Aug 8. doi: 10.1097/DSS.0000000000002060.
 8. **Thuraisingam T**¹, **Mirmirani P**^{2,3,4}. [Erosive Pustular Dermatitis: A Manifestation of Immunosenescence A Report of 8 Cases](#). *Skin Appendage Disord*. 2018 Aug;4(3):180-186. doi: 10.1159/000484488. Epub 2017 Nov 25.
 9. ****Lee JW**¹, **Vanderweil SG**², **O'Donnell PJ**³, **Scharf MJ**². [Cutaneous pemphigus vegetans co-occurring with oral pemphigus vulgaris](#). *Cutis*. 2020 Jan;105(1):E1-E3.
 10. Morrison L, Raymond HF, **Katz KA**, et al. [Knowledge, Motivations, and Practices Regarding Indoor Tanning Among Men Who Have Sex With Men in the San Francisco Bay Area](#). *JAMA Dermatol*. 2019 May 15. doi: 10.1001/jamadermatol.2019.0121. [Epub ahead of print]
 11. Admassu N, Pimentel MA, Halley MC, Torres J, Pascua N, **Katz KA**, Linos E. [Motivations Among Sexual-Minority Men for Starting and Stopping Indoor Tanning](#). *Br J Dermatol*. 2019;180:1529-1530.
 12. **Katz KA**. [Quality care for lesbian, gay, bisexual, transgender, and queer patients in pediatric dermatology](#). *Pediatr Dermatol*. 2019;36:594-5.
 13. **Katz KA**. [A Viewpoint on Viewpoints-Tips for Authors from JAMA Dermatology](#). *JAMA Dermatol*. 2019 Aug 7. doi: 10.1001/jamadermatol.2019.2233. [Epub ahead of print]
 14. Forrester AK, Kovarik CL, **Katz KA**. [Sexually Acquired Syphilis. Part 1: Historical aspects, microbiology, epidemiology, and clinical manifestations](#). *J Am Acad Dermatol*. 2019 Apr 12. pii: S0190-9622(19)30597-3. doi: 10.1016/j.jaad.2019.02.073. [Epub ahead of print]
 15. Forrester AK, Kovarik CL, **Katz KA**. [Sexually Acquired Syphilis. Part 2: Laboratory diagnosis, management, and prevention](#). *J Am Acad Dermatol*. 2019 Apr 12. pii: S0190-9622(19)30598-5. doi: 10.1016/j.jaad.2019.02.074. [Epub ahead of print]
 16. Yeung H, Luk KM, Chen SC, Ginsberg BA, **Katz KA**. [Dermatologic care for lesbian, gay, bisexual, and transgender persons: Epidemiology, screening, and disease prevention](#). *J Am Acad Dermatol*. 2019;80:591-602.
 17. Yeung H, Luk KM, Chen SC, Ginsberg BA, **Katz KA**. [Dermatologic care for lesbian, gay, bisexual, and transgender persons: Terminology, demographics, health disparities, and approaches to care](#). *J Am Acad Dermatol*. 2019;80:581-589.
 18. Marcus JL, **Katz KA**, Krakower DS, Calabrese SK. [Risk Compensation and Clinical Decision Making – The Case of HIV Preexposure Prophylaxis](#). *New Engl J Med* 2019;380:510-2.
 19. Mansh MD, Nguyen A, **Katz KA**. [Improving Dermatologic Care for Sexual and Gender Minority Patients Through Routine Sexual Orientation and Gender Identity Data Collection](#). *JAMA Dermatol*. 2019;155:145
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