



Dermatology Newsletter Fall 2018

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Dear Colleagues and Friends,

On behalf of the Department of Dermatology, I am pleased to convey our very best wishes for a wonderful winter holiday season.

2018 has been another strong year for Stanford Dermatology, with outstanding new faculty joining the Department, including recently graduated Stanford Dermatology Residents, Dr. Mina Ally, Dr. Darci Phillips and Dr. Andrew Ji as well as Stanford Fellows Dr. Shehla Admani and Dr. Ryanne Brown. These distinguished young colleagues continue the trend of outstanding trainees staying on in the Department for the next phase of their career. Additionally, we are pleased that Dr. Maria Aleshin has joined the Department after completing her Dermatology Residency training at UCLA and that Dr. Michael Khodadoust has joined the Department in a cutaneous lymphoma-focused joint appointment with the Department of Medicine. Finally, we are delighted to have two wonderful former faculty returning to the Department, Dr. Gina Kwon and Dr. Lisa Zaba. These new faculty continue the largest period of growth for the...

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Paul Khavari, MD, PhD

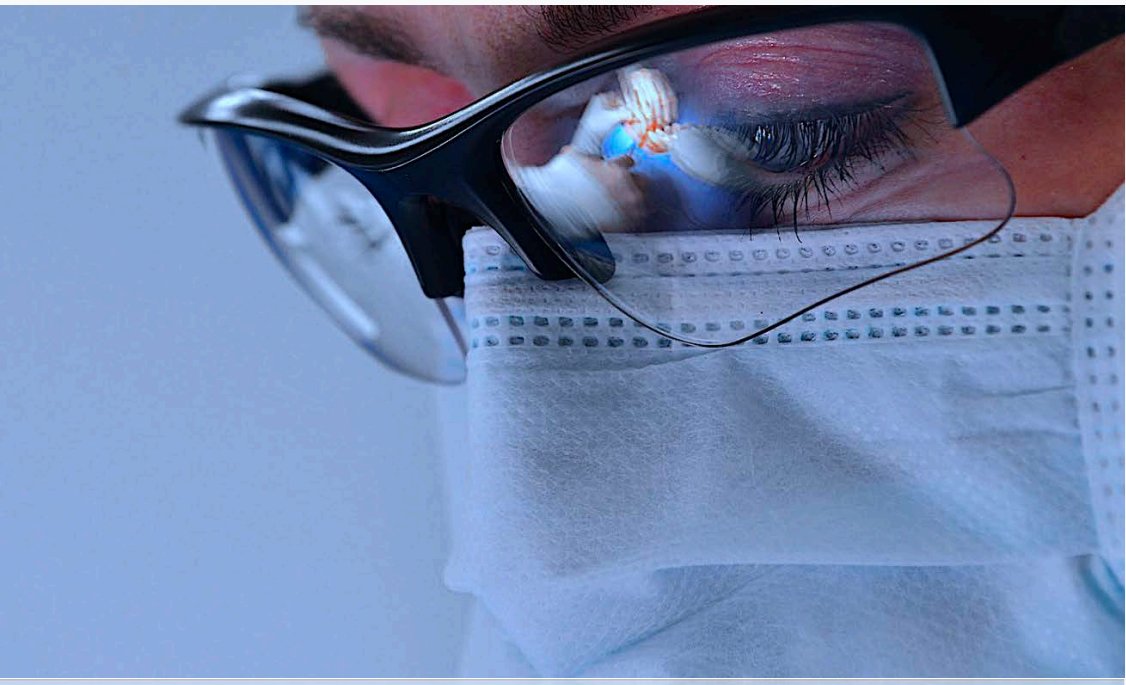
Carl J. Herzog Professor and Chair



EDUCATION OF LEADERS



INNOVATION & DISCOVERY



UNPARALLELED CARE

Department in its history, which has helped make the Department the largest academic Department of Dermatology in the nation.

In additional positive developments, the Ninth Annual Faculty Retreat in the Department’s new Task Force format was held in September of this year. Faculty came together to work on issues important to the Department’s continued success, with a special focus for this year’s Retreat on enhancing our Education and Patient Care missions as well as promoting Academic Synergy. The Retreat was the culmination of months of advance work by Task Forces led by Dr. Jean Tang, Dr. Derek Chu, Dr. Tony Oro, and Dr. Albert Chiou. These Task Forces have helped chart the path forward for this year’s plans for Department growth and improvement, with a number of additional initiatives now either underway or already completed. Plans are already in motion for next year’s Retreat in September 2019.

The core academic missions of education and research have thrived over the past year. The residency program, under the capable leadership of Dr. Kristin Nord, has now grown to 25 residents, the largest in the nation. Across all additional trainee categories, including undergraduates, medical students, graduate students, and fellows, the size and success of all our educational programs continue to grow, with increasing numbers of faculty across the academic biomedical spectrum emerging from the Department. In research, the Department again led the world in high impact journal publications and in competitive research funding from the National Institutes of Health (NIH). The success of our faculty in leading our field in research is manifested in a number of ways, including the election this year of Dr. Howard Chang to the National Academy of Medicine, making Stanford Dermatology the Department with the largest number of National Academy members in the nation. All dimensions of this continued academic leadership has been tremendously accelerated by the philanthropic support of Department alumni and friends.

Looking to the future, the mission of the Department will remain focused, as it has been for past decades, on leadership in discovery, in patient care and in training leaders of our specialty in an environment that fosters creativity, excellence and synergy. We are already looking forward to our Department Reunion at this year’s American Academy of Dermatology Meeting in Washington DC on **March 2, 2019**. More details will be sent soon but please mark your calendars and join us for a chance to renew ties with alumni, current faculty and residents at the AAD.

I also hope you’ll join us on campus for the Second Annual Marvin A. Karasek Lecture, this spring on Monday, **May 20, 2019**. Established by a generous gift from the estate of Dr. Marvin Karasek, a dedicated former faculty member of the Department, the Karasek Lecture will be followed by a reception with our brilliant trainees who will be sharing our latest research over drinks and hors d’oeuvres. The Karasek Lecture offers a chance to connect with the very latest advances in the field emerging from our Department and we are pleased that this year’s Karasek Lecturer will be Dr. Tony Oro.

In closing, it has been a remarkable year for the Department of Dermatology here. The support of our entire community of faculty, alumni, patients, and friends is instrumental in providing the creativity and resources needed in this effort to support trainees, young faculty, patient care advances and innovative research. I welcome your support and suggestions to enhance these endeavors and thank you for your efforts as part of the Stanford Dermatology community.

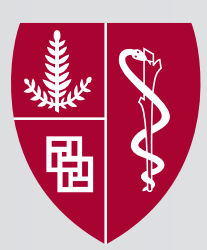
With best wishes for a happy holiday season and New Year,

Paul Khavari, MD, PhD
 Carl J. Herzog Professor and Chairperson



Opening of Discovery Hall

Stanford Dermatology is expanding its translational research to
 Discovery Hall in
 Redwood City.



The Department At a Glance

The Department of Dermatology is committed to the highest level of patient care, as well as the discovery and development of better treatments for dermatologic diseases.

55

FACULTY MEMBERS

25

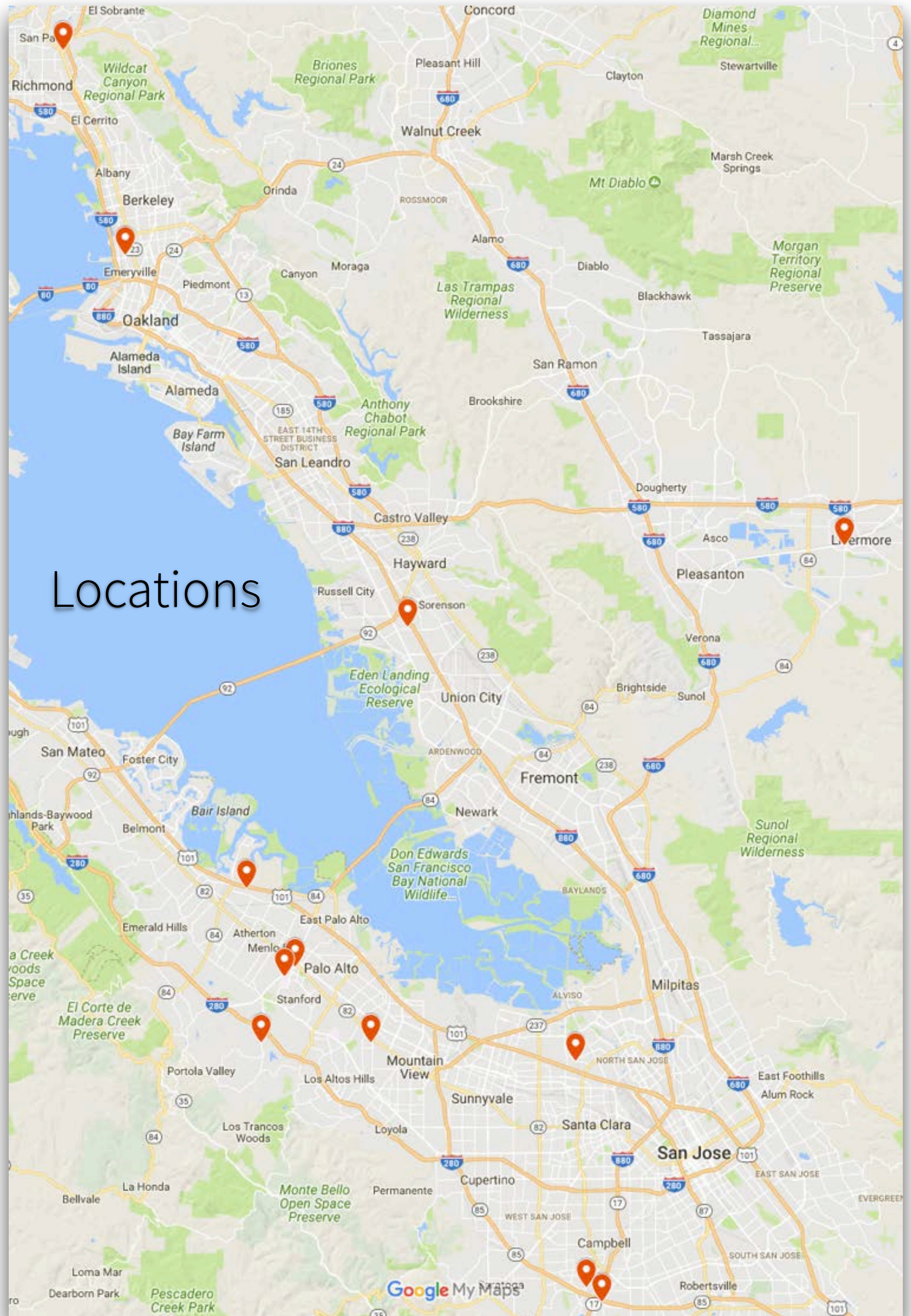
RESIDENTS

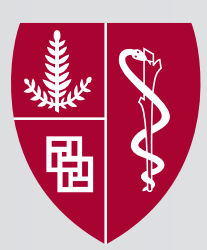
13

CLINIC LOCATIONS

20

SUBSPECIALTIES





Our Global Reach - Serving the World

There is no greater testament of our commitment to excellence than the impact we make around the world with quality patient care.



SERVING PATIENTS FROM

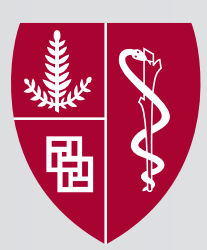
7

CONTINENTS

AND OVER

100

COUNTRIES



Notable Awards

FDA Approves Mogamulizumab for CTCL (MF/SS)



Youn Kim, MD, PhD
Professor

The FDA has approved mogamulizumab (Poteligeo®), a first-in-class defucoylated humanized anti-CCR4 monoclonal antibody, for the treatment of patients with relapsed or refractory MF or SS after at least 1 prior systemic therapy based on the results of the randomized control study (MAVORIC) that showed superior outcome (PFS, ORR, QoL) over vorinostat, a previously FDA approved agent.

In addition, the Stanford MCL team played a key role in the development and approval of brentuximab vedotin, romidepsin, and a topical treatment (mechlorethamine gel). Additional new therapies are currently undergoing various phases of research & development.

Kim YH, Bagot M, Pinter-Brown L, et al. Lancet Oncol 2018 Sept; 19(9): 1192.



Sumaira Aasi, MD
Clinical Professor

Stanford Excellence in Service Award



Carolyn Lee, MD, PhD
Assistant Professor

Milstein Research Scholar Award,
American Skin Association
Clinical Scientist Development Award,
Doris Duke Charitable Foundation



Kevin Wang, MD, PhD
Assistant Professor

Clinical Scientist Development Award,
Doris Duke Charitable Foundation



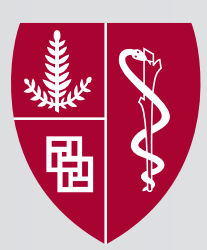
Jean Tang, MD, PhD
Professor

Election into the American Dermatologic Association,
Chair of NIAMS Clinical Trials Committee (NIH)



Howard Chang, MD, PhD
Professor

Member, National Academy of Medicine
Virginia and DK Ludwig Professorship in Cancer Genomics
NAS Award in Molecular Biology
Investigator, Howard Hughes Medical Institute




Blistering Disorders



Supportive Dermato-Oncology


Vascular Anomalies


High Risk Non-Melanoma


Melanoma/Pigmented Lesions


Aesthetic Dermatology


Cutaneous Lymphoma



Rheumatologic Skin Disorders


Global Health

Clinical Preeminence

Subspecialty Programs


Genital Dermatology


Mohs Micrographic Surgery


Contact Dermatitis


TeleHealth


Infectious Disease


Psoriasis


Hair Disorders


Laser Dermatology


Precision Health


Nail Disorders

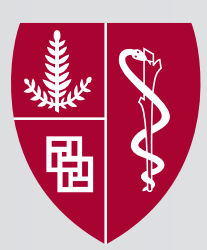

Acne



Dermatology Faculty



Dr. Paul Khavari	Dr. Richard Chen	Dr. Vista Khosravi	Dr. Roberto Novoa	Dr. John Sunwoo
Dr. Sumaira Aasi	Dr. Albert Chiou	Dr. Phuong Khuu	Dr. Anthony Oro	Dr. Susan Swetter
Dr. Shehla Admani	Dr. Derek Chu	Dr. Youn-Hee Kim	Dr. Darci Phillips	Dr. Jean Tang
Dr. Maria Aleshin	Dr. Lorinda Chung	Dr. Justin Ko	Dr. Marlyanne Pol-Rodriguez	Dr. Joyce Teng
Dr. Mina Ally	Dr. Meghan Dickman	Dr. Gina Kwon	Dr. Silvina Pugliese	Dr. Martin Vasquez
Dr. Joanna Badger	Dr. David Fiorentino	Dr. Bernice Kwong	Dr. Zakia Rahman	Dr. Aruna Venkatesan
Dr. Elizabeth Bailey	Dr. Rajnish Gupta	Dr. Carolyn Lee	Dr. Kerri Rieger	Dr. Kevin Wang
Dr. Ryanne Brown	Dr. S. Tyler Hollmig	Dr. Matthew Lewis	Dr. Eon Rios	Dr. David Wong
Dr. Annelynn Chang	Dr. Golara Honari	Dr. Peter Marinkovich	Dr. Kavita Sarin	Dr. Lisa Zaba
Dr. Howard Chang	Dr. Andrew Ji	Dr. Ann Marqueling	Dr. Jennifer Sorrell	Dr. John Yost
Dr. Jennifer Chen	Dr. Michael Khodadoust	Dr. Kristin Nord	Dr. Laurel Stevens	



New Faculty Members



Shehla Admani, M.D. - Clinical Assistant Professor

Dr. Admani is Clinical Assistant Professor of Dermatology. Dr. Admani completed medical school at University of California at Irvine School of Medicine, Residency at UCSD Dermatology and Post-Doc at Stanford University. Learn more about Dr. Admani at profiles.stanford.edu/shehla-admani.



Maria Aleshin, M.D. - Clinical Assistant Professor

Dr. Alesin is Clinical Assistant Professor of Dermatology. Dr. Aleshin completed medical school at UCLA David Geffen School Of Medicine and Residency at UCLA David Geffen School Of Medicine. Learn more about Dr. Aleshin at profiles.stanford.edu/maria-aleshin.



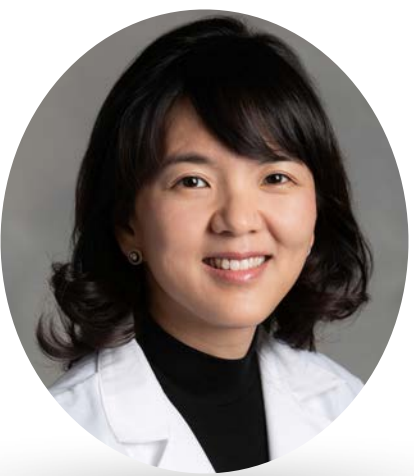
Mina Ally, M.D. - Clinical Assistant Professor (Affiliated)

Dr. Ally is Clinical Assistant Professor of Dermatology. Dr. Ally completed medical school at King's College of London, Residency and Post-Doc at Stanford University. Learn more about Dr. Ally at profiles.stanford.edu/mina-ally.



Ryanne Brown, M.D., MBA - Clinical Assistant Professor, Pathology & (by courtesy) Dermatology

Dr. Brown is Clinical Assistant Professor, Pathology and (by courtesy) Dermatology. Dr. Brown completed medical school at Baylor College of Medicine, Residency and Post-Doc at Stanford University. Learn more about Dr. Brown at profiles.stanford.edu/ryanne-brown.



Gina Kwon, M.D. - Clinical Assistant Professor

Dr. Kwon received her medical degree at Stanford University. After medical school, Dr. Kwon completed an internship in Medicine at Mercy Medical Center in Baltimore before completing her dermatology residency at the University of Washington in Seattle. She completed the last year of her residency at Stanford as a research fellow and clinical resident. Learn more about Dr. Ally at profiles.stanford.edu/gina-kwon.



Michael Khodadoust, M.D., Ph.D. - Assistant Professor of Medicine (Oncology) & of Dermatology

Dr. Ally is Clinical Assistant Professor of Dermatology. Dr. Ally completed medical school at King's College of London, Residency and Post-Doc at Stanford University. Learn more about Dr. Ally at profiles.stanford.edu/michael-khodadoust.



Andrew Ji, M.D. - Clinical Assistant Professor

Dr. Ji is Clinical Assistant Professor of Dermatology. Dr. Ji completed medical school at Weill Cornell Medicine Medical College, Residency at Stanford University and Post-Doc at Memorial Sloan Kettering Cancer Center. Learn more about Dr. Ally at profiles.stanford.edu/andrew-ji.



Darci Phillips, M.D., Ph.D. - Clinical Assistant Professor

Dr. Phillips is Clinical Assistant Professor of Dermatology. Dr. Phillips completed medical school at Harvard Medical School, Residency and Post-Doc at Stanford University. Learn more about Dr. Phillips at profiles.stanford.edu/darci-phillips.



Lisa Zaba, M.D., Ph.D. - Clinical Associate Professor

Dr. Zaba s Clinical Associate Professor of Dermatology and Director of the South Bay Cutaneous Oncology Program. Dr. Zaba completed medical school at Cornell University, Ph.D. in immunology at Rockefeller University, Residency and Post-Doc at Stanford University. Learn more about Dr. Zaba at profiles.stanford.edu/lisa-zaba.

Residency Program



As one of the largest clinical training programs in the country, our residency has recently received ACGME approval to expand up to 28 residents. This year, we have 25 exceptionally bright and hard-working trainees, who are being mentored by our faculty in the clinics as well as in academic pursuits. This growth of the program has resulted in a large crowd at the Annual Welcome Picnic, as well as more athletic prowess for the residents at our annual Faculty-Resident Field Day. This year the residents beat the faculty 22 to 16!

Our residents continue to rotate through 4 hospital systems: Stanford Hospital and Clinics (including the Stanford Cancer Center and Inpatient Consult Service), Lucille Packard Children's Hospital, the Palo Alto VA Healthcare System and the Santa Clara Valley Medical Center. The clinical training includes a broad exposure to different patient populations, as well as eighteen specialty clinics distributed across the teaching sites. We also are excited to announce a new director of Global Health, Dr.

Elizabeth Bailey, who has set up a telehealth program with the Dhulikhel Hospital in Kathmandu, Nepal, affording our residents exposure to clinical cases and unique healthcare challenges and disparities in care. In their final year, residents are also given the opportunity to complement their clinical training with an elective rotation, and this year Dr. Stephen Lewellis traveled to Dhulikhel Hospital in Nepal, Dr. Nisha Varadarajan was selected to travel to Botswana with the AAD Education and Volunteers Abroad Committee and Dr. Justin Besen will be our first resident to participate in the AAD Native American Health Service Program.

In addition to their clinical training, residents have numerous opportunities to engage in research, drug development and community outreach. This year we have one resident, Dr. Chen Wang, who is working in the lab of Dr. Mark Davis as part of our 2+1 research track. And for those interested in clinical research and/or medical education we have wonderful opportunities to participate in such projects

as part of our Clinical Scholars Track (CST), led by Dr. Jean Tang. With over half of our residents enrolled in the CST, we commend and support their efforts, which generally involves time spent in addition to the requirements of their 3-year clinical residency. Furthermore, residents are given the unique opportunity to rotate through a dermatology-specific pharmaceutical company on our industry elective, providing insight into the drug development and approval process. Finally, our residents engage with the greater community, volunteering at the Pacific and Arbor free clinics, as well as with the Stanford NCAA athletes and local elementary schools to promote sun safe behaviors among students of all ages.

We are very appreciative of the support provided by our Stanford Dermatology family which allows us to continue to provide new and exciting opportunities for the next generation of Stanford Dermatology residents.

Residents

Olga Afanasiev, MD, PhD

Justin Besen, MD

Christina Danial, MD

Grace Kim, MD

Stephen Lewellis, MD

Teo Soleymani, MD

Nisha Varadarajan, MD

Chen Wang, MD

Jennifer Wang, MD

Gordon Bae, MD

Julien Beattie-Lanoue, MD

Roxana Daneshjou, MD, PhD

Prajakta Jaju, MD

Hayley Leatham, MD

Katherine Ransohoff, MD

Alex Zhu, MD

Timothy Almazan, MD

Peter Barnes, MD

Caely Hambro, MD

Kelsey Hirotsu, MD

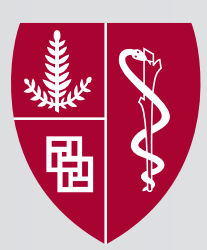
Nareh Marukian, MD

Elizabeth Messenger, MD

Maggie Moses, MD

Jasmine Rana, MD

Joanna Tu, MD



Cutaneous Oncology – Skin Cancer Program



Susan Swetter, MD
Professor

Dr. Swetter is a Professor of Dermatology, Assistant Chief of the Dermatology Service at the VA Palo Alto, and Director of the Pigmented Lesion and Melanoma Program at Stanford University Medical Center and Cancer Institute. She also serves as Physician Leader of the Cancer Care Program in Cutaneous Oncology at Stanford. Dr. Swetter's research interests encompass both primary and secondary melanoma prevention, including therapeutic prevention strategies in patients with atypical nevi and targeted screening/education of high-risk groups for improved melanoma awareness and early detection. Her clinical interests are in cutaneous oncology/melanoma (at both Stanford and VA Palo Alto) and adult general medical dermatology (at VA Palo Alto).

Stanford Cutaneous Oncology – Skin Cancer Program

The Cutaneous Oncology Program at the Stanford Cancer Institute, led by Professor of Dermatology and Director of the Pigmented Lesion and Melanoma Program **Dr. Susan Swetter**, promotes research and state-of-the-art treatment for all skin cancer types, including melanoma and atypical melanocytic neoplasms (both adult and pediatric), high-risk and solid organ transplant-associated squamous cell carcinoma, advanced basal cell carcinoma, Merkel cell carcinoma and other solid-tumor cutaneous malignancies. Cutaneous Oncology skin cancer and Supportive Dermato-Oncology clinics are held in the Stanford Cancer Center in Palo Alto (CCPA), located at 900 Blake Wilbur Drive, 3rd floor (BW-3) and the Cancer Center South Bay (CCSB) in San Jose.

Expansion of Cutaneous Oncology Program at Cancer Center South Bay

We are pleased to announce the formation of a full-time Cutaneous Oncology Program at the South Bay, directed by Dr. **Lisa Zaba**, Clinical Associate Professor of Dermatology, who has just rejoined the Stanford Dermatology faculty after serving as a complex medical dermatology specialist at Kaiser Santa Clara. Dr. Zaba is working with additional Stanford faculty recruits Dr. **Kim Stone** (Clinical Assistant Professor of Surgery/Surgical Oncology) and Dr. **Fred Baik** (Assistant Professor, OHNS/Head and Neck Surgery), as well as established medical oncologists at CCSB to provide full-capacity cutaneous, surgical, and medical oncology care for patient with newly-diagnosed melanoma, advanced basal cell carcinoma, high risk cutaneous squamous cell carcinoma, and Merkel cell carcinoma – in conjunction with colleagues at the Cancer Center Palo Alto/main campus. Dr. Zaba will also focus on Supportive Dermato-Oncology at CCSB, and at CCPA on a weekly basis, with a research interest in the interplay of autoimmune disorders and cancer. The expanded services at CCSB will provide ease of access for patients living in the San Jose,

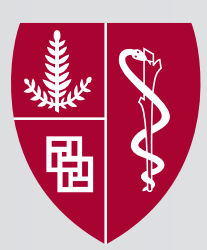
Santa Cruz, Monterey, Salinas, and San Luis Obispo regions. **New patient coordinators for referrals to both CCSB and CCPA can be reached 650-498-6000.**

Ongoing Program Development

Professor of Otolaryngology (Head and Neck Surgery) Dr. **John Sunwoo** and Clinical Assistant Professor of Surgery Dr. **Dana Lin** specialize in sentinel lymph node biopsy and lymphadenectomy for head/neck and trunk/extremity melanomas and other skin cancers. They are exploring collaborative research opportunities for neoadjuvant therapy to pretreat aggressive melanoma with novel immunotherapy and targeted agents in collaboration with surgical oncologists nationwide.

Our daily **Supportive Dermato-Oncology (SDO)** clinics take place at BW-3 and CCSB. This unique service was developed by Stanford Clinical Associate Professor Dr. **Bernice Kwong** in 2012 to provide urgent, on-site dermatology evaluation of cutaneous complications related to cancer diagnosis and treatment, allowing for improved quality of life during therapy. The SDO program is run by Dr. Kwong and Clinical Assistant Professor of Dermatology, Dr. **Silvina Pugliese**, and Dr. **Zaba** at BW-3, and also by Dr. Zaba at CCSB. Dr. Kwong has initiated a new **Dermatology-Oncology Consult Service (DOCS)** to provide dedicated SDO services to cancer inpatients at Stanford Hospital.

Our **Cutaneous Oncology Program Tumor Board** examines optimal treatment for patients with complex melanoma, advanced BCC, high-risk SCC, and rare skin malignancies. The Tumor Board includes Stanford faculty members from medical and surgical dermatology, dermatopathology, head and neck and plastic/reconstructive surgery, and medical/surgical/radiation oncology and works to promote translational research and clinical trials that improve patient outcomes.



Cutaneous Oncology – Skin Cancer Program

Clinical and Translational Research Highlights

Under the direction of Dr. **Sunil Reddy**, Clinical Assistant Professor of Medicine/Oncology, Stanford has a robust clinical trials portfolio in place for solid tumor cutaneous malignancies, with over 13 trials open at present across the disease spectrum (see: cancer.stanford.edu/trials). Associate Professor of Dermatology Dr. **Anne Chang** was instrumental in conducting research that led to the recent approval of the first anti-PD1 agent Libtayo (cemiplimab-rwlc) for patients with metastatic cSCC or locally advanced cSCC who are not candidates for curative surgery or curative radiation. Additional clinical treatment and research highlights are noted below.

• Advances in skin cancer diagnosis using artificial intelligence (AI)

Clinical Assistant Professor Dr. **Roberto Novoa**, Clinical Associate Professor **Dr. Justin Ko**, and **Dr. Swetter** partnered with Stanford Computer Science and Artificial Intelligence to design a computer algorithm that can detect keratinocyte carcinomas and melanoma and differentiate them from benign neoplasms with a high degree of accuracy. This novel technology was published in *Nature* as a proof of concept for the use of AI in dermatologic diagnosis, with a multi-center study in progress to validate the algorithm in clinical practice.

• Unraveling the role of genetics in skin cancer

By studying the DNA from individuals with who develop skin cancer, Assistant Professor of Dermatology **Dr. Kavita Sarin** is identifying genetic mutations that contribute to increased skin cancer susceptibility. She has conducted some of the largest genome-wide association studies to

date, identifying over 20 novel genetic variants that contribute to basal cell cancer, squamous cell cancer, and melanoma [*Nature Communications*]. In addition, a recent pilot study conducted by **Drs. Sarin, Chang, Professor of Dermatology Dr. Sumaira Aasi, and Professor of Dermatology Dr. Jean Tang** found that 19% of individuals with frequent basal cell cancer harbor underlying DNA repair defects and are at increased risk of internal organ malignancy.

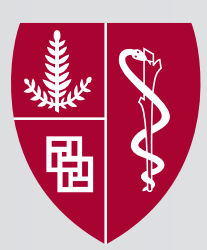
In partnership with the Bay Area Melanoma Registry, **Drs. Sarin, Swetter, and Ko** are currently recruiting a large cohort of patients with multiple primary melanomas to understand the genetics that contribute to melanoma. Studies like these will help us identify “at-risk” individuals and enable early screening and intervention for skin cancer prevention.

• Novel imaging technologies for total body mole mapping and assessment of other dermatologic conditions

We are pleased to announce plans for **state-of-art total body imaging** (for nevus surveillance and other dermatologic conditions) with the **Canfield 3D Vectra Whole Body Imaging System**. Through a Clinical Innovation Fund Grant, the Stanford Cancer Center is supporting acquisition of this platform, to be located in the Stanford Dermatology Clinics at Redwood City. We will notify the dermatology community when this service becomes available.

• War on Melanoma™ - California: Targeting High Risk Populations through Community Engagement
Dr. **Swetter** is leading a state-wide community outreach initiative to

develop a California-based cohort to facilitate primary, secondary, and tertiary community engagement efforts for improved melanoma prevention and detection in high risk individuals. The War on Melanoma (WoM)-California stems from the Oregon Health & Science University War on Melanoma™ public health program to reduce melanoma incidence through community-based education, activism, and research. Development of a California-based registry and webpage (Melanoma Community Registry of CA/WoM™-CA) will involve academic centers throughout the state to serve the population in both a clinical and supportive capacity. Look for the formal rollout of WoM™-CA over the coming months, and please feel free to contact Dr. Swetter (sswetter@stanford.edu) if you are interested in participating in this effort.



Happy Holidays!

Make a Difference

Your gift can help advance scientific investigations into dermatologic diseases. It can also help prepare future leaders in dermatology through support of our dermatology trainees. Gifts to the Department of Dermatology can be set up to support research in a variety of ways. Your gift can be established to support immediate research needs or to provide long-term support through the establishment of an endowment.

For More Information or to Discuss your Options, Please Contact Development:

Katharyn Israel, Senior Associate Director of Major Gifts

Medical Center Development

Phone: 541.961.7826

Email: katharynisrael@stanford.edu

WAYS TO GIVE

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