



## Albert Sean Chiou, MD, MBA

Clinical Assistant Professor, Dermatology

### CLINICAL OFFICES

- **Stanford Dermatology**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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### Bio

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#### BIO

Dr. Albert Chiou joined Stanford Medicine in September 2017 as a Clinical Assistant Professor of Dermatology. Dr. Chiou earned his Bachelor of Science from Stanford University in 2007. He received his medical degree from Harvard Medical School, where he also completed a joint business degree. Dr. Chiou performed his dermatology residency at Stanford University and served as Chief Resident in his final year. His clinical focus is general medical dermatology, including acne, psoriasis, skin cancer, and dermatologic surgery.

Dr. Chiou is also actively involved in clinical trial research investigating new treatments for a variety of poorly treated, chronic dermatologic conditions.

#### CLINICAL FOCUS

- Dermatology
- Acne
- Atopic Dermatitis
- Skin Cancer
- Dermatologic Surgery
- Psoriasis

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Dermatology

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, San Francisco Dermatological Society (2014 - present)

#### PROFESSIONAL EDUCATION

- Board Certification: Dermatology, American Board of Dermatology (2017)
- Residency: Stanford University Dermatology Residency (2017) CA

- Internship: Santa Clara Valley Medical Center Dept of Medicine (2014) CA
- Board Certification, American Board of Dermatology (2017)
- Chief Resident, Stanford Hospital and Clinics (2017)
- MD, MBA, Harvard Medical School (2013)
- MPhil, University of Cambridge , Chemistry, by Research (2008)
- BS, Stanford University , Chemistry (2007)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am a clinical researcher interested in evaluating promising new treatments for chronic and severe skin conditions. My research currently includes:

- 1) Treatments for itch associated with epidermolysis bullosa
- 2) Treatments for atopic dermatitis and other eczematous conditions

I collaborate with other faculty within the Stanford Skin Innovation and Interventional Research Group (SIRRG) to conduct a variety of investigator initiated and sponsored clinical trials for a variety of inflammatory skin disorders.

### CLINICAL TRIALS

- A Neurokinin-1 Receptor Antagonist for the Treatment of Pruritus in Patients With Epidermolysis Bullosa, Recruiting
- A Study to Evaluate Upadacitinib in Combination With Topical Corticosteroids in Adolescent and Adult Participants With Moderate to Severe Atopic Dermatitis, Recruiting
- Evaluation of Upadacitinib in Adolescent and Adult Patients With Moderate to Severe Atopic Dermatitis (Eczema)- Measure Up 1, Recruiting
- SAR231893-LPS15497- "Dupilumab Effect on Sleep in AD Patients", Recruiting
- Neurokinin-1 Receptor Antagonist for the Treatment of Itch in EB Patients, Not Recruiting

## Publications

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### PUBLICATIONS

- **Phase 2 Trial of a Neurokinin-1 Receptor Antagonist for the Treatment of Chronic Itch in Epidermolysis Bullosa Patients: A Randomized Clinical Trial.** *Journal of the American Academy of Dermatology*  
Chiou, A. S., Choi, S., Barriga, M., Dutt-Singh, Y., Solis, D. C., Nazaroff, J., Bailey-Healy, I., Li, S., Shu, K., Joing, M., Kwon, P., Tang, J. Y.  
2019
- **Repeat patch testing in a patient with allergic contact dermatitis improved on dupilumab.** *JAAD case reports*  
Zhu, G. A., Chen, J. K., Chiou, A., Ko, J., Honari, G.  
2019; 5 (4): 336–38
- **Assessment of the Development of New Regional Dermatoses in Patients Treated for Atopic Dermatitis With Dupilumab.** *JAMA dermatology*  
Zhu, G. A., Chen, J. K., Chiou, A., Ko, J., Honari, G.  
2019
- **Distinguishing malignant from benign microscopic skin lesions using desorption electrospray ionization mass spectrometry imaging.** *Proceedings of the National Academy of Sciences of the United States of America*  
Margulis, K., Chiou, A. S., Aasi, S. Z., Tibshirani, R. J., Tang, J. Y., Zare, R. N.  
2018
- **Inflammatory alopecia in patients on dupilumab: a retrospective cohort study at an academic institution.** *Journal of the European Academy of Dermatology and Venereology : JEADV*

Zhu, G. A., Kang, K. J., Chen, J. K., Novoa, R. A., Brown, R. A., Chiou, A. S., Ko, J. M., Honari, G.  
2019

- **Phase 1/2a clinical trial of gene-corrected autologous cell therapy for recessive dystrophic epidermolysis bullosa.** *JCI insight*  
Eichstadt, S., Barriga, M., Ponakala, A., Teng, C., Nguyen, N. T., Siprashvili, Z., Nazarov, J., Gorell, E. S., Chiou, A. S., Taylor, L., Khuu, P., Keene, D. R., Rieger, et al  
2019; 4 (19)
- **Angiodestructive lymphomatoid papulosis lasting more than 45years.** *JAAD case reports*  
Lee, G. H., Bae, G. H., Rieger, K. E., Kim, Y. H., Chiou, A. S.  
2019; 5 (9): 767-69
- **Distinguishing malignant from benign microscopic skin lesions using desorption electrospray ionization mass spectrometry imaging** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Margulis, K., Chiou, A. S., Aasi, S. Z., Tibshirani, R. J., Tang, J. Y., Zare, R. N.  
2018; 115 (25): 6347-52
- **Localized bullous pemphigoid in a melanoma patient with dual exposure to PD-1 checkpoint inhibition and radiation therapy.** *JAAD case reports*  
Hirotsu, K., Chiou, A. S., Chiang, A., Kim, J., Kwong, B. Y., Pugliese, S.  
2017; 3 (5): 404-6
- **Cutaneous Neonatal Lupus Arising in an Infant Conceived From an Oocyte Donation Pregnancy** *JAMA DERMATOLOGY*  
Chiou, A. S., Sun, G., Kim, J., Wang, K. C., Marqueling, A. L.  
2016; 152 (7): 846-847
- **A fibrous papule with abundant CD34-immunoreactive ganglion-like multinucleated giant cells: a case report and review of the literature.** *Dermatology online journal*  
Schaberg, K. B., Chiou, A. S., Wang, K. C., Egbert, B. M.  
2015; 21 (7)
- **Tazarotene: randomized, double-blind, vehicle-controlled, and open-label concurrent trials for Basal cell carcinoma prevention and therapy in patients with Basal cell nevus syndrome.** *Cancer prevention research*  
Tang, J. Y., Chiou, A. S., Mackay-Wiggan, J. M., Aszterbaum, M., Chanana, A. M., Lee, W., Lindgren, J. A., Raphael, M. A., Thompson, B. J., Bickers, D. R., Epstein, E. H.  
2014; 7 (3): 292-299
- **Advanced aging skin and itch: addressing an unmet need** *DERMATOLOGIC THERAPY*  
Garibyan, L., Chiou, A. S., Elmariah, S. B.  
2013; 26 (2): 92-103
- **Tumor angiogenesis as a target for dietary cancer prevention.** *Journal of oncology*  
Li, W. W., Li, V. W., Hutnik, M., Chiou, A. S.  
2012; 2012: 879623-?
- **Probing Neuroserpin Polymerization and Interaction with Amyloid-beta Peptides Using Single Molecule Fluorescence** *BIOPHYSICAL JOURNAL*  
Chiou, A., Haeggloef, P., Orte, A., Chen, A. Y., Dunne, P. D., Belorgey, D., Karlsson-Li, S., Lomas, D. A., Klenerman, D.  
2009; 97 (8): 2306-2315
- **Reaction of Cl with CD4 excited to the second C-D stretching overtone** *JOURNAL OF CHEMICAL PHYSICS*  
Martin, M. R., Brown, D. J., Chiou, A. S., Zare, R. N.  
2007; 126 (4)
- **PHYS 379-Effects of reagent vibrational excitation on the Cl+CD4 reaction**  
Martin, M. R., Brown, D. J., Chiou, A. S., Zare, R. N.  
AMER CHEMICAL SOC.2006
- **Reaction products with internal energy beyond the kinematic limit result from trajectories far from the minimum energy path: An example from H+HBr -> H-2+Br** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*  
Pomerantz, A. E., Camden, J. P., Chiou, A. S., Ausfelder, F., Chawla, N., Hase, W. L., Zare, R. N.  
2005; 127 (47): 16368-16369