

Stanford



Raj Fadadu

Casual - Non-Exempt, Epidemiology and Population Health

Bio

BIO

Raj Fadadu is currently a dermatology resident physician at the University of California, San Diego. He has experience conducting epidemiology research projects, particularly related to environmental exposures and skin diseases (e.g., atopic dermatitis and psoriasis) as well as epigenetics (e.g., EWAS and epigenetic age acceleration). At Stanford, his research in Dr. Andres Cardenas's group focuses on the relationship between environmental exposures and epigenetic modifications. He also held leadership roles in local and national organizations involved in climate change advocacy and education, working to improve community and patient health. In addition, he is a strong advocate for health equity and increasing access to medical care for people experiencing homelessness and has implemented innovative projects to do so while serving as an Albert Schweitzer Fellow and Director of student-run free clinics in Berkeley, CA. For his impactful work, he was named an Environmental Education "30 Under 30" in 2022 and received the Excellence in Climate Leadership Award from the American Public Health Association in 2022 and Emerging Physician Leader Award from Health Care Without Harm in 2021.

He received a M.D. from UC San Francisco, M.S. degree in Health and Medical Sciences (with concentrations in Environmental Research and Healthcare Management) from the UC Berkeley School of Public Health, and received a B.A. degree in Public Health from UC Berkeley (graduated with Highest Distinction and Research Honors).

Publications

PUBLICATIONS

- **Climate change and epigenetic biomarkers in allergic and airway diseases.** *The Journal of allergy and clinical immunology*
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- **Epigenome-Wide Association Studies of Allergic Disease and the Environment.** *The Journal of allergy and clinical immunology*
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- **Air Pollution and Health Care Use for Atopic Dermatitis: A Systematic Review.** *Journal of the European Academy of Dermatology and Venereology : JEADV*
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- **Association of Wildfire Air Pollution With Clinic Visits for Psoriasis** *JAMA NETWORK OPEN*
Fadadu, R. P., Green, M., Grimes, B., Jewell, N. P., Seth, D., Vargo, J., Wei, M. L.
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- **Ultraviolet A radiation exposure and melanoma: a review.** *Melanoma research*
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- **Increased epigenetic age acceleration in the hidradenitis suppurativa skin.** *Archives of dermatological research*
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- **Associations between wildfire air pollution and online search interest for skin diseases and symptoms.** *JAAD international*
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- **Medical Students as Agents of Change in the Climate Crisis** *ACADEMIC MEDICINE*
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- **Disparities in access for melanoma screening by region, specialty, and insurance: A cross-sectional audit study.** *JAAD international*
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- **Epigenome-wide association study and epigenetic age acceleration associated with cigarette smoking among Costa Rican adults.** *Scientific reports*
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- **Epigenetic aging biomarkers and occupational exposure to benzene, trichloroethylene and formaldehyde** *ENVIRONMENT INTERNATIONAL*
Van der Laan, L., Cardenas, A., Vermeulen, R., Fadadu, R. P., Hubbard, A. E., Phillips, R., Zhang, L., Breeze, C., Hu, W., Wen, C., Huang, Y., Tang, X., Smith, et al
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- **Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at IGF2 and H19 genes in newborns** *ENVIRONMENTAL AND MOLECULAR MUTAGENESIS*
Chiu, Y., Fadadu, R. P., Gaskins, A. J., Rifas-Shiman, S. L., Laue, H. E., Moley, K. H., Hivert, M., Baccarelli, A., Oken, E., Chavarro, J. E., Cardenas, A.
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- **Association of Wildfire Air Pollution and Health Care Use for Atopic Dermatitis and Itch.** *JAMA dermatology*
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Ramamurthi, D., Fadadu, R. P., Jackler, R. K.
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