Stanford



Kate Turk

Resident in Pediatrics

Bio

BIO

Kate Turk, MD is a resident physician in Pediatrics at Stanford University School of Medicine. Her academic interests include sustainable pediatric global health, health policy, and innovative public health technology.

Dr. Turk is part of Stanford's Global Health Scholarly Concentration and is focused on the development of community-driven and evidence-based interventions to improve pediatric outcomes in resource-limited settings. Her current project is based in Cusco, Peru, in collaboration with the Cusco Ministry of Health, EsSalud network, and local clinical partners. Her work aims to strengthen frontline pediatric provider capacity, including the implementation and evaluation of digital clinical decision support tools and educational platforms, across the province of Cusco. Some of her prior global health projects have included developing a curriculum to improve stroke prevention education in Huaral, Peru and partnering with Global Brigades Inc. to improve access to regular medical care, clean water, and public health infrastructure within Nicaragua and Panama. She was recognized as Stanford's 2025-2026 Zlotnick Global Health Scholar.

Additional projects include working with the Washington State legislature and Department of Health to implement prescription label translation in pharmacies across the state, organizing a 6-part lecture series focused on teaching advocacy and community organizing techniques using the lens of food insecurity to California-based pediatrics residents, and leading/participating in various groups focused on mentorship for students underrepresented in medicine, language justice, and global health.

Dr. Turk received her medical degree from the University of Washington School of Medicine (UWOSM), where she developed a strong foundation in clinical care and a commitment to health equity. At the UWSOM, she completed the Latinx Health and Global Health pathways, and graduated with Alpha Omega Alpha honors.

CLINICAL FOCUS

- Residency
- Pediatrics
- Global Health
- Health Policy

PROFESSIONAL EDUCATION

- MD, University of Washington , Medicine (2024)

- BS, University of Washington , Biology (Physiology) (2018)

Publications

PUBLICATIONS

- **Comparison between genetic and pharmaceutical disruption of Ldlr expression for the development of atherosclerosis.** *Journal of lipid research*

  Gomes, D., Wang, S., Goodspeed, L., Turk, K. E., Wietecha, T., Liu, Y., Bornfeldt, K. E., O'Brien, K. D., Chait, A., den Hartigh, L. J.

  2022; 63 (3): 100174

- **Sexually Dimorphic Relationships Among Saa3 (Serum Amyloid A3), Inflammation, and Cholesterol Metabolism Modulate Atherosclerosis in Mice.** *Arteriosclerosis, thrombosis, and vascular biology*

  Chait, A., Wang, S., Goodspeed, L., Gomes, D., Turk, K. E., Wietecha, T., Tang, J., Storey, C., O'Brien, K. D., Rubinow, K. B., Tang, C., Vaisar, T., Gharib, et al

  2021; 41 (6): e299-e313

- **Rosiglitazone Improves Insulin Resistance Mediated by 10,12 Conjugated Linoleic Acid in a Male Mouse Model of Metabolic Syndrome.** *Endocrinology*

  Wang, S., Goodspeed, L., Turk, K. E., Houston, B., den Hartigh, L. J.

  2017; 158 (9): 2848-2859