Stanford

Melissa Song Zhou

Instructor, Pediatrics - Nephrology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Pediatrics - Nephrology
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Master’s Tuition Program, Stanford Maternal & Child Health Research Institute (2024-2026)
- Top Abstract Award, 5th International Symposium on Acute Kidney Injury in Children (2025)
- Trainee Research Award - Clinical, American Society of Pediatric Nephrology (2026)
- Pilot and Feasibility Award, Neonatal Kidney Collaborative (2026 - 2027)
- PRomotion of FellOwS‘ PEdiatric Research (PROSPER) Award, Society for Pediatric Research (2026 - 2027)
- Ben J. Lipps Research Fellowship Program, American Society of Nephrology (2026 - 2028)
- Bridge to K Scholar, Stanford Department of Pediatrics (2026 - Current)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Academy of Pediatrics (2020 - present)
- Member, Neonatal Kidney Collaborative (2022 - present)
- Member, American Society of Pediatric Nephrology (2022 - present)
- Member, International Pediatric Nephrology Association (2023 - present)
- Member, American Society of Nephrology (2023 - present)
- Member, Women in Nephrology (2024 - present)
- Junior Member, Newborn Brain Society (2025 - present)
- Member, Society of Pediatric Research Emerging to Established (E2E) Section (2025 - present)

PROFESSIONAL EDUCATION

- BA, University of Pennsylvania , Biochemistry and Biology (2015)
- MD, Yale School of Medicine , Medical Education (2020)
- Residency, Children's Hospital of Philadelphia , General Pediatrics (2023)
- Fellowship, Stanford Health Care , Pediatric Nephrology (2026)
- MS, Stanford University , Epidemiology and Clinical Research (2026)

Publications

PUBLICATIONS

- **Elevated serum creatinine over the first week of life and mortality risk in extremely preterm neonates: a secondary analysis of the Preterm Erythropoietin Neuroprotection Trial (PENUT).** *Pediatric nephrology (Berlin, Germany)*
  Zhou, M. S., Griffin, R., Askenazi, D. J., Slagle, C. L., Chock, V. Y., Menon, S.
  2026

- **Nutrition delivery in infants with kidney failure on extracorporeal kidney replacement therapy.** *Pediatric nephrology (Berlin, Germany)*
  Krieger, S. L., Zhou, M. S., Popovich, L., Wong, C., Davis, A. S., Sutherland, S. M., Menon, S.
  2026

- **Inpatient skin-to-skin care in infants with congenital kidney failure: a single-center retrospective cohort study.** *Journal of perinatology : official journal of the California Perinatal Association*
  Zhou, M. S., Davis, A. S., Wong, C. J., Menon, S., Chock, V. Y.
  2026

- **Neonatal acute kidney injury as a global priority: the need for contextualized advocacy, education, and collaboration.** *Pediatric nephrology (Berlin, Germany)*
  Zhou, M. S., Menon, S., Jetton, J. G.
  2025

- **Growth after pediatric and neonatal acute kidney injury: a meta-analysis.** *Pediatric nephrology (Berlin, Germany)*
  Starr, M. C., Patel, M., Zafar, F., Zhou, M. S., Griffin, R., Biruete, A., Cockovski, V., Gbadegesin, R., Fuhrman, D. Y., Gist, K. M., Mammen, C., Menon, S., Morgan, et al
  2025

- **Harmonizing the Different Perspectives on Growth Impairment in Pediatric CKD.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Zhou, M. S., Wolf, A. J., Sutha, K.
  2024

- **Posterior Reversible Encephalopathy Syndrome Due to Vitamin D Toxicity.** *Pediatrics*
  O'Brien, M., Koh, E., Barsh, G. R., Zhou, M. S., Aguilar Abisad, D., Chang, N.
  2024

- **An Adolescent Boy With Hypoxia, Microscopic Hematuria, and Hypertension** *CUREUS JOURNAL OF MEDICAL SCIENCE*
  Zhou, M. S., Lee, C. D., Lerman, B. J., Strong, A., LaRosa, C.
  2024; 16 (1): e52738

- **Challenges in the Clinical Recognition of Acute Flaccid Myelitis and its Implications** *JOURNAL OF PEDIATRICS*
  Hayes, L. H., Hopkins, S. E., Liu, S., Pardo, C. A., Garcia-Dominguez, M. A., Oleszek, J., Yea, C., Ciftci-Kavaklioglu, B., Yeh, E., Dean, J., Sadowsky, C. L., Desai, J., Wiegand, et al
  2023; 253: 55-+

- **Health Care Professional and Caregiver Attitudes Toward and Usage of Medical Podcasting: Questionnaire Study** *JMIR PEDIATRICS AND PARENTING*
  Lee, C., Zhou, M. S., Wang, E. R., Huber, M., Lockwood, K. K., Parga, J.
  2022; 5 (1): e29857

- **Meta-analysis: Pharmacologic Treatment of Restricted and Repetitive Behaviors in Autism Spectrum Disorders** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
  Zhou, M. S., Nasir, M., Farhat, L. C., Kook, M., Artukoglu, B. B., Bloch, M. H.
  2021; 60 (1): 35-45

- **A Meta-Analysis on the Relationship Between Interoceptive Awareness and Alexithymia: Distinguishing Interoceptive Accuracy and Sensibility** *JOURNAL OF ABNORMAL PSYCHOLOGY*
  Trevisan, D. A., Altschuler, M. R., Bagdasarov, A., Carlos, C., Duan, S., Hamo, E., Kala, S., McNair, M. L., Parker, T., Stahl, D., Winkelman, T., Zhou, M., McPartland, et al

2019; 128 (8): 765-776

- **Loss of TMEM106B Ameliorates Lysosomal and Frontotemporal Dementia-Related Phenotypes in Progranulin-Deficient Mice** *NEURON*
  Klein, Z. A., Takahashi, H., Ma, M., Stagi, M., Zhou, M., Lam, T. T., Strittmatter, S. M.
  2017; 95 (2): 281-+
- **Functional recovery in new mouse models of ALS/FTLD after clearance of pathological cytoplasmic TDP-43** *ACTA NEUROPATHOLOGICA*
  Walker, A. K., Spiller, K. J., Ge, G., Zheng, A., Xu, Y., Zhou, M., Tripathy, K., Kwong, L. K., Trojanowski, J. Q., Lee, V.
  2015; 130 (5): 643-660