



Katherine Mackenzie, MD

- Clinical Associate Professor, Pediatric Neurology
- Clinical Associate Professor (By courtesy), Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Stanford Medicine Childrens Health Specialty Service**

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Bio

CLINICAL FOCUS

- Pediatric Movement Disorders
- Neurology with Special Qualifications in Child Neurology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatric Neurology
- Clinical Associate Professor (By courtesy), Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine (2012) CA
- Residency: Stanford University School of Medicine (2011) CA
- Medical Education: University of California at Irvine School of Medicine (2006) CA
- Board Certification: Neurology with Special Qualifications in Child Neurology, American Board of Psychiatry and Neurology (2011)
- Residency: Kaiser Permanente Los Angeles Pediatric Residency (2008) CA
- MD, Stanford Children's Health
- Residency, Kaiser Permanente Los Angeles - Pediatrics , CA (2008)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Publications

PUBLICATIONS

- **Cannabidiol Intervention for Non-Epileptic Myoclonus in Angelman Syndrome: A Case Report.** *Movement disorders clinical practice*
Cheung, C., Selvakumar, S., Arif, M., Zhao, E., Senanayake, C., Mackenzie, K.

2025

- **Diagnosis and Initial Treatment of Functional Movement Disorders in Children.** *Seminars in pediatric neurology*
Larsh, T., Wilson, J., Mackenzie, K. M., O'Malley, J. A.
2022; 41: 100953
- **De novo EIF2AK1 and EIF2AK2 Variants Are Associated with Developmental Delay, Leukoencephalopathy, and Neurologic Decompensation.** *American journal of human genetics*
Mao, D. n., Reuter, C. M., Ruzhnikov, M. R., Beck, A. E., Farrow, E. G., Emrick, L. T., Rosenfeld, J. A., Mackenzie, K. M., Robak, L. n., Wheeler, M. T., Burrage, L. C., Jain, M. n., Liu, et al
2020
- **TBC1D24-TLDC-related epilepsy exercise-induced dystonia: rescue by antioxidants in a disease model.** *Brain : a journal of neurology*
Luthy, K., Mei, D., Fischer, B., De Fusco, M., Swerts, J., Paesmans, J., Parrini, E., Lubarr, N., Meijer, I. A., Mackenzie, K. M., Lee, W., Cittaro, D., Aridon, et al
2019
- **Extracutaneous manifestations in phacomatosis cesioflammea and cesiomarmorata: Case series and literature review** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Kumar, A., Zastrow, D. B., Kravets, E. J., Belefrod, D., Ruzhnikov, M. R. Z., Grove, M. E., Dries, A. M., Kohler, J. N., Waggott, D. M., Yang, Y., Huang, Y., Mackenzie, K. M., Eng, et al
2019; 179 (6): 966–77
- **Stereotypic Movement Disorders** *SEMINARS IN PEDIATRIC NEUROLOGY*
Mackenzie, K.
2018; 25 (1): 19–24
- **ADCY5-related dyskinesia: Broader spectrum and genotype-phenotype correlations.** *Neurology*
Chen, D., Méneret, A., Friedman, J. R., Korvatska, O., Gad, A., Bonkowski, E. S., Stessman, H. A., Doummar, D., Mignot, C., Anheim, M., Bernes, S., Davis, M. Y., Damon-Perrière, et al
2015; 85 (23): 2026-2035
- **Here's looking at you, kid - Neural systems underlying face and gaze processing in fragile X syndrome** *ARCHIVES OF GENERAL PSYCHIATRY*
Garrett, A. S., Menon, V., MacKenzie, K., Reiss, A. L.
2004; 61 (3): 281-288
- **Prefrontal cortex involvement in processing incorrect arithmetic equations: Evidence from event-related fMRI** *HUMAN BRAIN MAPPING*
Menon, V., MacKenzie, K., Rivera, S. M., Reiss, A. L.
2002; 16 (2): 119-130