



Jennifer O'Malley

- Clinical Associate Professor, Pediatric Neurology
- Clinical Assistant Professor, Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Child Neurology**

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Bio

CLINICAL FOCUS

- Neurology - Child Neurology
- Pediatric Movement Disorders
- Deep Brain Stimulation

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Co-Director, Stanford Pediatric Deep Brain Stimulation Program, (2018- present)
- Assistant Director, Stanford Child Neurology Residency Program, (2019- present)
- Coach, Stanford Pediatric Residency Coaching Program, (2019- present)

PROFESSIONAL EDUCATION

- Board Certification: Neurology - Child Neurology, American Board of Psychiatry and Neurology (2017)
- Residency: Cincinnati Children's Hospital Medical Center (2016) OH
- Residency: Cincinnati Children's Hospital Medical Center (2013) OH
- Medical Education: University of Cincinnati College of Medicine (2011) OH

LINKS

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

Publications

PUBLICATIONS

- **Using Expert-Cited Features to Detect Leg Dystonia in Cerebral Palsy.** *Annals of neurology*
Bajpai, R., Rust, A., Lott, E., Kim, S., Gandham, S., Chintalapati, K., Blackburn, J., Gelineau-Morel, R., Kruer, M. C., Mingbunjersuk, D., O'Malley, J., Tochen, L., Waugh, et al
2026
- **Early recognition of status dystonicus in children: a case-based approach for the general pediatrician.** *Current opinion in pediatrics*
Robbins, A. L., Yang, K., Ebrahimi-Fakhari, D., O'Malley, J. A.
2025
- **Using expert-cited features to detect leg dystonia in cerebral palsy.** *medRxiv : the preprint server for health sciences*
Bajpai, R., Rust, A., Lott, E., Kim, S., Gandham, S., Chintalapati, K., Blackburn, J., Gelineau-Morel, R., Kruer, M. C., Mingbunjersuk, D., O'Malley, J., Tochen, L., Waugh, et al
2025
- **Chronic Striatal Cholinergic Interneuron Excitation Causes Cerebral Palsy-Related Dystonic Behavior in Mice.** *Annals of neurology*
Gemperli, K., Lu, X., Chintalapati, K., Rust, A., Bajpai, R., Suh, N., Blackburn, J., Gelineau-Morel, R., Kruer, M. C., Mingbunjersuk, D., O'Malley, J., Tochen, L., Waugh, et al
2025
- **Stimulation-related increases in power spectral density covary with clinical evidence of overstimulation during deep brain stimulation for pediatric dystonia.** *medRxiv : the preprint server for health sciences*
Pascual, M., Bisarad, P., Kelbert, J., Chinander, S., Gelineau-Morel, R., Gorodetsky, C., Hewitt, A. L., Larsh, T., Lucente, N., O'Malley, J., Sanger, T. D., van der Werf, L., Hauptman, et al
2025
- **Emerging Subspecialties: Pediatric Movement Disorders Neurology.** *Neurology*
Kahlon, S., Barton, C. R., Abu Libdeh, A., O'Malley, J. A., Pearson, T., Waugh, J. L., Wu, S. W., Zea Vera, A. G., Kruer, M. C.
2024; 102 (2): e208050
- **SIGNature Libraries: A roadmap for the formation of special interest group libraries.** *Annals of the Child Neurology Society*
Kim, Y. M., Chin, E. M., Fahey, M., Gelineau-Morel, R., Himmelmann, K., O'Malley, J., Oskoui, M., Shapiro, B., Shevell, M., Wilson, J. L., Wiznitzer, M., Aravamuthan, B.
2023; 1 (3): 218-227
- **The Role of Child Neurologists in the Management of Motor Disability in Cerebral Palsy: Establishing the Path Forward.** *Pediatric neurology*
Gelineau-Morel, R., Kim, Y. M., O'Malley, J. A., Wilson, J. L., Aravamuthan, B. R.
2023; 144: 33-38
- **Deep Brain Stimulation for Pediatric Dystonia: A Review of the Literature and Suggested Programming Algorithm.** *Journal of child neurology*
Gelineau-Morel, R., Kruer, M. C., Garris, J. F., Abu Libdeh, A., Barbosa, D. A., Coffman, K. A., Moon, D., Barton, C., Zea Vera, A., Bruce, A. B., Larsh, T., Wu, S. W., Gilbert, et al
2022: 8830738221115248
- **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
- **Cerebral Palsy in Child Neurology and Neurodevelopmental Disabilities Training: An Unmet Need** *JOURNAL OF CHILD NEUROLOGY*
Wilson, J. L., Kim, Y., O'Malley, J. A., Gelineau-Morel, R., Gilbert, L., Bain, J. M., Aravamuthan, B. R.
2022: 8830738211072711
- **Deep Brain Stimulation for Pediatric Dystonia.** *Seminars in pediatric neurology*
Larsh, T., Wu, S. W., Vadivelu, S., Grant, G. A., O'Malley, J. A.
2021; 38: 100896
- **Role of child neurologists and neurodevelopmentalists in the diagnosis of cerebral palsy: A survey study.** *Neurology*

Aravamuthan, B. R., Shevell, M., Kim, Y., Wilson, J. L., O'Malley, J. A., Pearson, T. S., Kruer, M. C., Fahey, M., Waugh, J. L., Russman, B., Shapiro, B., Tilton, A.
2020

- **Lacosamide-Induced Dyskinesia in Children With Intractable Epilepsy.** *Journal of child neurology*
Madani, N., O'Malley, J. A., Porter, B. E., Baumer, F. M.
2020: 883073820926634
- **Clinical Approach to a Child with Movement Disorders** *SEMINARS IN PEDIATRIC NEUROLOGY*
O'Malley, J. A., Gilbert, D. L.
2018; 25 (1): 10–18
- **Revealing the Prevalence and Consequences of Food Insecurity in Children with Epilepsy** *JOURNAL OF COMMUNITY HEALTH*
O'Malley, J. A., Klett, B. M., Klein, M. D., Inman, N., Beck, A. F.
2017; 42 (6): 1213–19
- **Interrogating the aged striatum: Robust survival of grafted dopamine neurons in aging rats produces inferior behavioral recovery and evidence of impaired integration** *NEUROBIOLOGY OF DISEASE*
Collier, T. J., O'Malley, J., Rademacher, D. J., Stancati, J. A., Sisson, K. A., Sortwell, C. E., Paumier, K. L., Gebremedhin, K. G., Steece-Collier, K.
2015; 77: 191–203
- **Advances in thin tissue Golgi-Cox impregnation: Fast, reliable methods for multi-assay analyses in rodent and non-human primate brain** *JOURNAL OF NEUROSCIENCE METHODS*
Levine, N. D., Rademacher, D. J., Collier, T. J., O'Malley, J. A., Kells, A. P., Sebastian, W., Bankiewicz, K. S., Steece-Collier, K.
2013; 213 (2): 214–27
- **Obese and Hungry in the Suburbs: The Hidden Faces of Food Insecurity** *ACADEMIC PEDIATRICS*
O'Malley, J. A., Peltier, C. B., Klein, M. D.
2012; 12 (3): 163–65
- **Quantification of Dysrhythmia in Children with ADHD Using a Novel Automated Goniometer Method**
O'Malley, J., Wu, S., Huddleston, D., Mostofsky, S., Gilbert, D.
LIPPINCOTT WILLIAMS & WILKINS.2012
- **Impact of dendritic spine preservation in medium spiny neurons on dopamine graft efficacy and the expression of dyskinesias in parkinsonian rats** *EUROPEAN JOURNAL OF NEUROSCIENCE*
Soderstrom, K. E., O'Malley, J. A., Levine, N. D., Sortwell, C. E., Collier, T. J., Steece-Collier, K.
2010; 31 (3): 478–90
- **Neural repair strategies for Parkinson's disease: insights from primate models** *CELL TRANSPLANTATION*
Soderstrom, K., O'Malley, J., Steece-Collier, K., Kordower, J. H.
2006; 15 (3): 251–65