

Stanford

Jamie McDonald, MD, MS

Clinical Assistant Professor, Neurology & Neurological Sciences

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Bio

BIO

Dr. McDonald is a fellowship-trained, board-certified neurologist and clinical assistant professor in the Department of Neurology at Stanford University School of Medicine.

She specializes in the diagnosis and treatment of multiple sclerosis and other demyelinating diseases, including neuromyelitis optica spectrum disorder (NMOSD) and myelin oligodendrocyte glycoprotein antibody disease (MOGAD). Dr. McDonald also provides comprehensive care to general neurology patients.

Dr. McDonald completed her internship and adult neurology residency at the University of Utah. She has a long-standing interest in multiple sclerosis care and went on to complete a two-year clinical MS/neuroimmunology fellowship at Stanford Health Care Multiple Sclerosis Center. Dr. McDonald received the National MS Society's Sylvia Lawry Physician Fellowship, including formalized training in conducting clinical trials. As part of her fellowship, she completed a master's degree in epidemiology and clinical research.

CLINICAL FOCUS

- Neurology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurology & Neurological Sciences

PROFESSIONAL EDUCATION

- Board Certification: Neurology, American Board of Psychiatry and Neurology (2020)
- Fellowship, Stanford University , Multiple Sclerosis/Neuroimmunology (2022)
- Neurology Residency, University of Utah , Adult Neurology (2020)
- Internship, University of Utah , Internal Medicine (2017)

- MD, Royal College of Surgeons in Ireland School of Medicine , Graduate Entry Medicine (2016)
- MS, Columbia University , Human Nutrition (2012)
- BS, Cornell University , Human Development (2007)

Publications

PUBLICATIONS

- **A rare neuromyelitis optica mimic: Primary CNS histiocytic sarcoma.** *Multiple sclerosis (Houndmills, Basingstoke, England)*
Rogawski, D. S., Nirschl, J. J., McDonald, J., Nie, E., Schwartz, N. U., Vogel, H., Scott, B. J., Gold, C. A., Kipp, L. B.
2022; 28 (10): 1651-1654
- **Primary central nervous system histiocytic sarcoma presenting as neuromyelitis optica**
Nirschl, J., Rogawski, D., McDonald, J., Nie, E., Schwartz, N., Scott, B., Gratzinger, D., Gold, C., Kipp, L., Vogel, H.
OXFORD UNIV PRESS INC.2022: 491
- **Dietary factors and pediatric multiple sclerosis: A case-control study** *MULTIPLE SCLEROSIS JOURNAL*
Pakpoor, J., Seminatore, B., Graves, J. S., Schreiner, T., Waldman, A. T., Lotze, T. E., Belman, A., Greenberg, B. M., Weinstock-Guttman, B., Aen, G., Tillema, J., McDonald, J. C., Hart, et al
2018; 24 (8): 1067–76
- **A case-control study of dietary salt intake in pediatric-onset multiple sclerosis** *MULTIPLE SCLEROSIS AND RELATED DISORDERS*
McDonald, J., Graves, J., Waldman, A., Lotze, T., Schreiner, T., Belman, A., Greenberg, B., Weinstock-Guttman, B., Aen, G., Tillema, J., Hart, J., Lulu, S., Ness, et al
2016; 6: 87–92
- **Association of Multiple Sclerosis Susceptibility Variants and Early Attack Location in the CNS** *PLOS ONE*
Mowry, E. M., Carey, R. F., Blasco, M. R., Pelletier, J., Duquette, P., Villoslada, P., Malikova, I., Roger, E., Kinkel, R., McDonald, J., Bacchetti, P., Waubant, E.
2013; 8 (10): e75565
- **Multiple Sclerosis Susceptibility Genes: Associations with Relapse Severity and Recovery** *PLOS ONE*
Mowry, E. M., Carey, R. F., Blasco, M. R., Pelletier, J., Duquette, P., Villoslada, P., Malikova, I., Roger, E., Kinkel, R., McDonald, J., Bacchetti, P., Waubant, E.
2013; 8 (10): e75416
- **Effect of medication and STN-DBS on postural control in subjects with Parkinson's disease** *PARKINSONISM & RELATED DISORDERS*
Nantel, J., McDonald, J. C., Bronte-Stewart, H.
2012; 18 (3): 285-289
- **Common viruses associated with lower pediatric multiple sclerosis risk** *NEUROLOGY*
Waubant, E., Mowry, E. M., Krupp, L., Chitnis, T., Yeh, E. A., Kuntz, N., Ness, J., Chabas, D., Strober, J., McDonald, J., Belman, A., Milazzo, M., Gorman, et al
2011; 76 (23): 1989-1995
- **Vitamin D Status Is Associated with Relapse Rate in Pediatric-Onset Multiple Sclerosis** *ANNALS OF NEUROLOGY*
Mowry, E. M., Krupp, L. B., Milazzo, M., Chabas, D., Strober, J. B., Belman, A. L., McDonald, J. C., Oksenberg, J. R., Bacchetti, P., Waubant, E.
2010; 67 (5): 618-624