Alexandra O'neill Duffy, D.O.

Philosophy of Care
Dr. Duffy believes in a strong therapeutic alliance with her patients, staying knowledgeable of contemporary and emerging therapies, and teaching through the care she provides her patients. She is also a wife, mama of two boys and loves to go fly fishing with her family.

Clinical Interests
Dr. Duffy specializes in movement disorders seeing patients with Parkinson's disease and atypical parkinsonism, Tremors, Dystonia and Huntington's disease. She is trained in Deep Brain Stimulation and Botulinum Toxin Injections for treatment of movement disorders.

Research/Academic Interests
Dr. Duffy's research interests are focused on participating in clinical trials in Huntington's disease. She also dedicates her time as the Neurology Residency Program Director mentoring and teaching the next generation of neurologists.

Title
Vice Chair of Education
Adult Neurology Residency Director, Program Direction
Associate Professor, Department of Neurology

Specialty
Neurology, Movement Disorders

Department
Neurology
UC Davis Medical Group

Division
Neurology

Clinic
UC Davis Medical Group, Sacramento - Midtown

Address/Phone
UC Davis Midtown Ambulatory Care Center, Midtown Neurology Clinic, 3160 Folsom Blvd Suite 2100 Sacramento, CA 95816
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Clinic Phone: 916-734-3588
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Education
D.O., Touro University College of Osteopathic Medicine, Vallego CA 2010
B.S., Biology, UC Davis, Davis CA 2003

Internships
Internal Medicine, Alameda County Medical Center, Alameda CA 2010-2011

Residency
Neurology, UC Davis Health, Sacramento CA 2011-2014

Fellowships
Movement Disorders, UC Davis Health, Sacramento CA 2014-2015

Board Certifications
American Board of Psychiatry and Neurology, Neurology

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Professional Memberships

American Academy of Neurology
Huntington Study Group
Parkinson Study Group

Honors and Awards

Huntington's Disease Society of America Team Hope Walk Appreciation Award, September, 2019
UC Davis Neurology Residency Graduation Award: Senior Residents Appreciation Award, 2017, 2018
UC Davis Neurology Residency Graduation Award: Outstanding Movement Disorder Faculty, 2015, 2016
UC Davis Neurology Residency Graduation Awards: Chief Residents Appreciation Award, 2014, 2015
UC Davis Neurology Residency Graduation Awards: Excellence in Professionalism, 2013, 2014

Select Recent Publications

Guo SY, Duffy AO, Maselli RA, Xiong G. Atypical Case of POEMS Presented as Demyelinating Polyneuropathy With Motor Conduction Block. J Clin Neuromuscul Dis. 2021 Dec 1;23(2):116-118. doi:10.1097/CND.0000000000000385. PMID:34808659.

Simkins TJ, Bissig D, Moreno G, Kahlon NPK, Gorin F, Duffy A. A clinical decision rule predicting outcomes of emergency department patients with altered mental status. J Am Coll Emerg Physicians Open. 2021 Sep 10;2(5):e12522. doi:10.1002/emp2.12522. PMID:34528023.

Wei L, Wang Z, Huang Y, Farias S, Duffy A, Shahlaie K, Wheelock V, Zhang L. A Retrospective Study of Pimavanserin in Patients with Parkinson's Disease: a Single-center Experience. Neurology. 2021 Apr;96(15 Supplement):2083.

Yuan M, Sperry L, Malhado-Chang N, Duffy A, Wheelock V, Farias S, O'Connor K, Olichney J, Shahlaie K, Zhang L. Atypical antipsychotic therapy in Parkinson's disease psychosis: A retrospective study. Brain Behav. 2017 Apr 14;7(6):e00639. doi:10.1002/brb3.639. PMID: 28638698.

Duffy A. Remembering. Neurology. 2016;86;e217. doi:10.1212/WNL.0000000000002692.

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Fink KD, Deng P, Gutierrez J, Anderson JS, Torrest A, Komarla A, Kalomoiris S, Cary W, Anderson JD, Gruenloh W, Duffy A, Tempkin T, Annett G, Wheelock V, Segal DJ, Nolta JA. Allele-Specific Reduction of the Mutant Huntingtin Allele Using Transcription Activator-Like Effectors in Human Huntington's Disease Fibroblasts. Cell Transplant. 2016;25(4):677-86. doi:10.3727/096368916X690863. Epub 2016 Feb 4. PMID:26850319.

Pollock K, Dahlenburg H, Nelson H, Fink KD, Cary W, Hendrix K, Annett G, Torrest A, Deng P, Gutierrez J, Nacey C, Pepper K, Kalomoiris S, D Anderson J, McGee J, Gruenloh W, Fury B, Bauer G, Duffy A, Tempkin T, Wheelock V, Nolta JA. Human Mesenchymal Stem Cells Genetically Engineered to Overexpress Brain-derived Neurotrophic Factor Improve Outcomes in Huntington's Disease Mouse Models. Mol Ther. 2016 May;24(5):965-77. doi:10.1038/mt.2016.12. Epub 2016 Jan 14. PMID:26765769.

Duffy A, Maselli R, Shen P. Case report: Pediatric Guillain-Barre syndrome. Am J Neuroradiol. 2014 Apr. https://www.ajnr.org/site/clcor/2014/04-apr.xhtml

Lurvey R, Duffy A, Rothschild J. Management of Lower Urinary Tract Dysfunction in Parkinson's Disease: A Review of Recent Treatment Options. Curr Bladder Dysfunct Rep. 2014;9(3):214-220. doi:10.1007/s11884-014-0243-x.

Yee A, Ng K, Park K, Duffy A, Chen D, Simkins T. Chapter 16: Pharmacotherapy for Neurological Conditions. Section: Tremors. Advanced Pharmacology for Prescribers. 2021 Jan. doi:10.1891/9780826195470.

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