



## Lin Zhang, M.D., Ph.D.

<b>Clinical Interests</b>	Dr. Zhang's clinical and research interests focus primarily on Parkinson's disease, including its epidemiology and the association between past nutritional deficiency and current prevalence of the disease. He is testing new drugs with neuroprotective properties that may slow down the progression of Parkinson's. Dr. Zhang also specializes in functional neurology focusing on the implantation and management of deep brain stimulation. He is investigating the clinical manifestation of the disease in patients with atypical Parkinson's disease, and those with a family history of pre-mutation for fragile X syndrome, a genetic disorder that typically affects children. Additionally, Dr. Zhang specializes in botulinum toxin (Botox) treatments for a variety of conditions, including, but not limited to, dystonia, spasticity and tremor. He uses electric muscle testing when giving Botox injections to improve accuracy and gain maximal results.
<b>Title</b>	Associate Professor
<b>Specialty</b>	Neurology
<b>Department</b>	<a href="#">Neurology</a>
<b>Division</b>	Neurology UC Davis Medical Group, Sacramento - Midtown
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<b>Languages</b>	Chinese (Mandarin)
<b>Education</b>	M.D., Beijing University School of Medicine, Beijing, 1984 Ph.D., Tulane University, New Orleans, Louisiana, 1994
<b>Internships</b>	Beijing Hospital, Beijing, China, 1983-1985 Cleveland Clinic Foundation, Cleveland, Ohio, 1994-1995
<b>Residency</b>	Beijing Hospital, Beijing, China, 1983-1985 Cleveland Clinic Foundation, Cleveland, Ohio, 1995-1998
<b>Fellowships</b>	University of Rochester, Rochester, New York, 1998-2000



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### Professional Memberships

American Academy of Neurology  
Movement Disorders Society

### Honors and Awards

Roche Movement Disorders Research Award, 1997

### Select Recent Publications

Disbrow EA, Russo KA, Higginson CI, Yund EW, Ventura MI, Zhang L, Malhado-Chang N, Woods DL, Sigvardt KA. Efficacy of tailored computer-based neurorehabilitation for improvement of movement initiation in Parkinson's disease. *Brain Res.* 2012 May 3;1452:151-64. Epub 2012 Mar 9.

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Leehey MA, Berry-Kravis E, Goetz CG, Zhang L, Hall DA, Li L, Rice CD, Lara R, Cogswell J, Reynolds A, Gane L, Jacquemont S, Tassone F, Grigsby J, Hagerman RJ, Hagerman PJ. FMR1 CGG repeat length predicts motor dysfunction in premutation carriers. *Neurology.* 2008 Apr 15;70(16 Pt 2):1397-402. Epub 2007 Dec 5.

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Hagerman RJ, Coffey SM, Maselli R, Soontarapornchai K, Brunberg JA, Leehey MA, Zhang L, Gane LW, Fenton-Farrell G, Tassone F, Hagerman PJ. Neuropathy as a presenting feature in fragile X-associated tremor/ataxia syndrome. *Am J Med Genet A.* 2007 Oct 1;143A(19):2256-60.

Berry-Kravis E, Abrams L, Coffey SM, Hall DA, Greco C, Gane LW, Grigsby J, Bourgeois JA, Finucane B, Jacquemont S, Brunberg JA, Zhang L, Lin J, Tassone F, Hagerman PJ, Hagerman RJ, Leehey MA. Fragile X-associated tremor/ataxia syndrome: clinical features, genetics, and testing



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Adams JS, Adams PE, Nguyen D, Brunberg JA, Tassone F, Zhang W, Koldewyn K, Rivera SM, Grigsby J, Zhang L, DeCarli C, Hagerman PJ, Hagerman RJ. Volumetric brain changes in females with fragile X-associated tremor/ataxia syndrome (FXTAS). *Neurology.* 2007 Aug 28;69(9):851-9.

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