

# Stanford

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## Brent R. Bluett

Clinical Assistant Professor, Neurology & Neurological Sciences

### Bio

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#### BIO

Dr. Brent Bluett received his bachelor's degree in psychology at the University of California at Santa Barbara. He graduated medical school at Touro University with national osteopathic medicine honors as a member of Sigma Sigma Phi. He completed neurology residency at the University of Texas Southwestern at Austin, during which he was resident chair of the Texas Neurological Society. Afterwards, he went on to obtain a fellowship in Movement Disorders at the University of California San Diego directed by Dr. Irene Litvan, a world renowned expert in atypical parkinsonism. Prior to joining the Stanford movement disorders program, Dr. Bluett worked at the Cleveland Clinic Lou Ruvo Center for Brain Health.

Dr. Bluett's clinical expertise is in all movement disorders including Parkinson's disease, essential tremor, Huntington's disease, dystonia, normal pressure hydrocephalus, ataxia, and atypical parkinsonism (progressive supranuclear Palsy, dementia with lewy bodies, corticobasal degeneration, and multiple system atrophy). He is trained and skilled in the administration of botulinum toxin injections and deep brain stimulation programming.

Dr. Bluett is a member of the Parkinson Study Group, Huntington Study Group, National Ataxia Foundation, Dystonia Medical Research Foundation, and he recently helped create and develop the CurePSP Centers of Care – a national initiative dedicated to increasing access to care and advancing research initiatives for progressive supranuclear palsy and corticobasal degeneration.

Dr. Bluett's research focuses on falls prevention in movement disorders. He received NIH grant funding to explore freezing of gait in Parkinson's disease, in order to better understand the underlying pathophysiology. He is expanding this research at Stanford University by using virtual reality to explore treatments for this disabling phenomenon.

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurology & Neurological Sciences

#### ADMINISTRATIVE APPOINTMENTS

- Clinical Assistant Professor of Neurology, Stanford School of Medicine, (2018- present)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Medical Steering Committee, CurePSP Centers of Care (2018 - present)
- Member, American Academy of Neurology (2011 - present)
- Member, Huntington Disease Society of America (2018 - present)
- Investigator, Huntington Study Group (2017 - present)
- Member, Dystonia Medical Research Foundation (2016 - present)
- Member, National Ataxia Foundation (2016 - present)
- Investigator, Parkinson Study Group (2017 - present)

## COMMUNITY AND INTERNATIONAL WORK

- Ecuador Neurology Project, Guayaquil

## Publications

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### PUBLICATIONS

- **The virtual reality of Parkinson's disease freezing of gait: A systematic review** *PARKINSONISM & RELATED DISORDERS*  
Bluett, B., Bayram, E., Litvan, I.  
2019; 61: 26–33
- **Neural correlates of distinct cognitive phenotypes in early Parkinson's disease.** *Journal of the neurological sciences*  
Bayram, E., Bluett, B., Zhuang, X., Cordes, D., LaBelle, D. R., Banks, S. J.  
2019; 399: 22–29
- **Non-motor predictors of freezing of gait in Parkinson's disease.** *Gait & posture*  
Banks, S. J., Bayram, E., Shan, G., LaBelle, D. R., Bluett, B.  
2018; 68: 311–16
- **The virtual reality of Parkinson's disease freezing of gait: A systematic review.** *Parkinsonism & related disorders*  
Bluett, B., Bayram, E., Litvan, I.  
2018
- **Neuroimaging and neuropsychological assessment of freezing of gait in Parkinson's disease.** *Alzheimer's & dementia (New York, N. Y.)*  
Bluett, B., Banks, S., Cordes, D., Bayram, E., Mishra, V., Cummings, J., Litvan, I.  
2018; 4: 387–94
- **Understanding falls in progressive supranuclear palsy** *PARKINSONISM & RELATED DISORDERS*  
Bluett, B., Litvan, I., Cheng, S., Juncos, J., Riley, D. E., Standaert, D. G., Reich, S. G., Hall, D. A., Kluger, B., Shprecher, D., Marras, C., Jankovic, J., ENGINE PSP Study  
2017; 35: 75–81
- **Understanding, predicting, and preventing falls in progressive supranuclear palsy**  
Bluett, B. R., Litvan, I., Cheng, S., Juncos, J., Bordelon, Y., Riley, D. E., Standaert, D., Reich, S. G., Hall, D. A., Kluger, B., Shprecher, D., Marras, C., Jankovic, et al  
WILEY-BLACKWELL.2016: S82–S83
- **Pathophysiology, genetics, clinical features, diagnosis and therapeutic trials in progressive supranuclear palsy** *EXPERT OPINION ON ORPHAN DRUGS*  
Bluett, B., Litvan, I.  
2015; 3 (3): 253–65
- **Temperature Affects Thrombolytic Efficacy Using rt-PA and Eptifibatide, an In Vitro Study** *THERAPEUTIC HYPOTHERMIA AND TEMPERATURE MANAGEMENT*  
Meunier, J. M., Chang, W. W., Bluett, B., Wenker, E., Lindsell, C. J., Shaw, G. J.  
2012; 2 (3): 112–18
- **Appearance and impact of post-operative intracranial clips and coils on whole-brain CT angiography and perfusion** *EUROPEAN JOURNAL OF RADIOLOGY*  
Roach, C. J., Russell, C. L., Hanson, E. H., Bluett, B., Orrison, W. W.  
2012; 81 (5): 960–67