The Neurology Center of Southern California 6010 Hidden Valley Rd. Suite 200, Carlsbad, CA 92011 Ph. 760-631-3000 Fax 760-631-3016 www.neurocenter.com



# **Brenton A. Wright, MD**

EDUCATION	
University of Virginia, Charlottesville, VA B.A. Biology with Highest Distinction 5/16/04	08/2000 – 05/2004
University of Louisville School of Medicine, Louisville, KY M.D. May 10, 2008	08/2004 – 05/2008
Columbia University College of Physicians and Surgeons, New York, NY Internship in Internal Medicine	07/2008 – 06/2009
<b>Columbia University College of Physicians and Surgeons,</b> New York, NY Residency in Neurology	07/2009 – 06/2012
Neurological Institute of New York/CUMC, New York, NY Clinical Fellowship, Movement Disorders	07/2012 – 06/2014
LICENSURE & CERTIFICATION	
American Board of Psychiatry and Neurology, Neurology	09/2021 - Present
California Medical License Number	10/2017 - Present
State of New York	07/2009 - 09/2014
State of New York	

## **PROFESSIONAL SOCIETIES**

- Parkinson Study Group
- Huntington Study Group
- International Parkinson and Movement Disorders Society
- American Neurological Association
- American Academy of Neurology
- American Medical Association

PROFESSIONAL EXPERIENC	E
Profound Research LLC at The Neurology Center of Southern California, Carlsbad, CA Sub-Investigator	07/2023 - Present
The Neurology Center of Southern California, Carlsbad, CA Neuro-hospitalist	05/2023 - Present
Parkinson's Association of San Diego Medical Advisory Director	11/2022 - Present
VA San Diego Healthcare System Center Staff Physician	05/2018 – 04/2023
University of California San Diego, San Diego, CA Assistant Professor of Clinical Neurosciences Associate Professor of Clinical Neurosciences Health Sciences Clinical Professor, Voluntary Non-salaried Fellowship Director, Movement Disorders	12/2017 - 11/2022 11/2022 - 04/2023 12/2023 - Present 03/2019 - 02/2023
Washington University School of Medicine, St. Louis, MO Assistant Professor of Neurology	09/2014 – 11/2017
HOSPITAL AFFILIATIONS	
Tri-City Medical Center, Oceanside, California	06/2023 - Present
Palomar Medical Center, Escondido, California	06/2023 - Present
Palomar Medical Center, Poway, California	06/2023 - Present
Scripps Memorial Hospital, Encinitas, California	05/2023 - Present
Scripps Mercy Hospital, Chula Vista, California	05/2023 - Present
UC San Diego Medical Center, San Diego, California	12/2017 - Present
Barnes-Jewish Hospital, St. Louis, Missouri	09/2014 - 11/2017
HONORS & AWARDS	
Eagle Scout National Merit Finalist University of Virginia Echols Scholar University of Virginia Intermediate Honors Phi Beta Kappa, Beta Chapter of Virginia University of Louisville School of Medicine Dean's Merit Scholarship AAN Medical Student Prize for Excellence in Neurology Travel Grant, International Congress of Parkinson's Disease & Movement	1997 1999 2000-200 2002 2003 2004-200 2008 Disorders 2014

## RESEARCH SUPPORT

NCT01850381 PI: Fahn, S April 2013 – June 2014

Genervon Biopharmaceuticals, LLC

GM602 (aka GM608) in a Phase IIA pilot double-blinded, randomized, placebo-controlled trial in mild to moderate Parkinson's Disease (PD)

Role: Sub-Investigator

NCT01705327 PI: Alcalay, R June 2013 – June 2014

Michael J. Fox Foundation/NINDS

Fox Investigation for new discovery of biomarkers (BioFind)

Role: Sub-Investigator

NCT00660673 PI: Waters, C July 2013 – June 2014

AbbVie Pharmaceuticals

Open-label continuation treatment study with carbidopa-levodopa intestinal

gel in subjects with advanced Parkinson's Disease and severe motor fluctuations who have exhibited a persistent and positive effect to treatment in previous studies.

Role: Sub-Investigator

NCT02215616 PI: Racette, B January 2015 – November 2017

Teva Branded Pharmaceutical Products, R&D Inc.

A multicenter, multinational, randomized, double-blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of Laquinimod (0.5, 1.0 and 1.5 mg/Day) as treatment in patients with Huntington's disease.

Role: Sub-Investigator

NCT02242487 PI: Criswell, S February 2015 – November 2017

Accorda Therapeutics

A Phase 2b, randomized, double-blind, placebo-controlled study investigating the efficacy and safety of inhaled CVT 301 (levodopa inhalation powder) in Parkinson's disease patients with motor response fluctuations (OFF phenomena)

Role: Sub-Investigator

NCT02453386 PI: Racette, B June 2015 - November 2017

Biotie Therapies Inc.

A phase 3, multicenter, randomized, double-blind, placebo-controlled study with an open-label phase to determine the efficacy and safety of tozadenant as adjunctive therapy in levodopa-treated patients with Parkinson's disease experiencing end of dose "wearing-off" (TOZ-PD)

Role: Sub-Investigator

NCT02481674 PI: Racette, B July 2015 - November 2017

Vaccinex Inc.

A phase 2, multi-center, randomized, double-blind, placebo-controlled study in subjects with late prodromal and early manifest Huntington disease (HD) to assess the safety, tolerability, pharmacokinetics, and efficacy of VX15/2503

Role: Sub-Investigator

NCT02611713 PI: Kotzbauer, Paul October 2015 - November 2017

AbbVie Pharmaceuticals

Observational study evaluating long term effectiveness of Duodopa/Duopa in Parkinson disease (DUOGLOBE)

Role: Sub-Investigator

NCT02507284 PI: Wright, B December 2015 - November 2017

Azevan Pharmaceuticals/NINDS/NeuroNEXT Network

Tolerability, safety, and activity of SRX246 in irritable subjects with Huntington's disease

Role: Primary Investigator

NCT02985879 PI: Litvan, I January 2018 – June 2020

Abbvie Pharmaceuticals

Brenton A. Wright, M.D.

A randomized, double-blind, placebo-controlled multiple dose study to assess efficacy, safety, tolerability, and pharmacokinetics of ABBV-8E12 in Progressive Supranuclear Palsy

Role: Sub-Investigator

NCT03040713 PI: Litvan, I January 2018 – April 2019

Avid Radiopharmaceuticals

18F-AV-1451 PET in subjects with Frontotemporal Dementia

Role: Sub-Investigator

NCT03068468 PI: Litvan, I January 2018 – July 2020

Biogen

A randomized, double-blind, placebo-controlled, parallel-Group Study to evaluate the efficacy and safety of intravenously administered BIB092 in participants with Progressive Supranuclear Palsy (PASSPORT)

Role: Sub-Investigator

NCT02658916 PI: Litvan, I January 2018 – September 2020

Biogen

A multicenter, open-label, long-term treatment study of intravenously administered BIIB092 in participants with Progressive Supranuclear Palsy who participated in CN002003.

Role: Sub-Investigator

NCT03100149 PI: Litvan, I January 2018 – April 2023

Roche

A randomized, double-blind, placebo-controlled, 52-week phase II study to evaluate the efficacy of intravenous RO7046015 (PRX002) in participants with early Parkinson's disease with a 52-week blinded extension (PASADENA)

Role: Sub-Investigator

NCT02642393 PI: Litvan, I February 2018 – November 2019 Michael A. Schwarzchild/Parkinson Study Group/NINDS/Michael J. Fox Foundation

Study of Urate elevation in Parkinson's disease, Phase 3 (SURE-PD3)

Role: Sub-Investigator

NCT01804452 PI: Litvan, I April 2018 – April 2023

NIH, National Institute on Aging

4 Repeat Tauopathy Neuroimaging Initiative (4RTNI)

Role: Sub-Investigator

NCT02481674 PI: Corey-Bloom, J October 2018 – January 2021

Vaccinex Inc.

A phase 2, multi-center, randomized, double-blind, placebo-controlled study in subjects with late prodromal and early manifest Huntington disease (HD) to assess the safety, tolerability, pharmacokinetics, and efficacy of VX15/2503

Role: Sub-Investigator

NCT03761849 PI: Corey-Bloom, J January 2019 – March 2022

Hoffmann La-Roche

A multicenter, randomized, double-blind, placebo-controlled, phase 3 clinical study to evaluate the efficacy and safety of intrathecally administered RO7234292.(RG6042) in patients with manifest Huntington's disease

Role: Sub-Investigator

NCT03225846 PI: Corey-Bloom, J January 2019 – May 2021

Wave Biosciences Ltd.

A multicenter, randomized, double-blind, placebo-controlled, phase 1b/2a study of WVE-120102 administered intrathecally in patients with Huntington's disease (PRECISION-HD2)

Role: Sub-Investigator

NCT02623699 PI: Ravits, J July 2019 – July 2021

Biogen/Ionis

An efficacy, safety, tolerability, pharmacokinetics, and pharmacodynamics study of BIIB067 administered intrathecally to adults with ALS and confirmed SOD1 mutation.

Brenton A. Wright, M.D.

Role: Sub-Investigator

NCT03070119 PI: Ravits, J July 2019 – April 2023

Biogen

Long term evaluation of BIIB067 administered intrathecally to adults with ALS and confirmed SOD1 mutation.

Role: Sub-Investigator

NCT03945279 PI: Ravits, J July 2019 – June 2021

Biogen

A study to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics of BIIB100 administered orally to adults with ALS.

Role: Sub-Investigator

NCT03626012 PI: Ravits, J July 2019 – November 2021

Biogen

A study to assess the safety, tolerability, and pharmacokinetics of BIIB078 administered intrathecally to adults with C9ORF72-associated ALS.

Role: Sub-Investigator

NCT03805750 PI: Wright, BA July 2019 – July 2022

Tilray/International ET foundation/Center for Medical Cannabis Research

Double-blind, placebo-controlled, crossover study assessing efficacy and tolerability of an oral CBD/THC compound for treatment of Essential Tremor

Role: Primary Investigator

NCT03741920 PI: Wright, BA July 2019 – April 2023

**Global Kinetics Corporation** 

Evaluation of the Personal KinetiGraph<sup>™</sup> (PKG<sup>™</sup>) to improve insight into Parkinson's disease status (APPRISE)

Role: Primary Investigator

NCT03952806 PI: Litvan, I August 2019 – September 2021

BHV3241-301 Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of BHV-3241 in Subjects with Multiple System Atrophy (M-STAR)

Role: Sub-Investigator

NCT04057794 PI: Litvan, I August 2019 – April 2023

PDGENEration: Mapping the Future of Parkinson's Disease (PDGENE)

Role: Sub-investigator

NCT04102579 PI: Corey-Bloom, J February 2020 - present

Neurocrine Biosciences

Efficacy, safety, and tolerability of Valbenazine for the treatment of chorea associated with Huntington disease (KINECT-HD)

Role: Sub-investigator

NCT04406636 PI: Corey-Bloom, J May 2020 – March 2023

Triplet Therapeutics Inc.

Natural history study in Huntington disease gene expansion carriers (SHIELD-HD)

Role: Sub-investigator

NCT04556656 PI: Corey-Bloom, J October 2020 - present

Prilenia Therapeutics

Pridopidine's outcome on function in Huntington disease (PROOF-HD)

Role: Sub-investigator

NCT04539041 PI: Litvan, I January 2022 – February 2023

Novartis

Safety, tolerability, and pharmacokinetics of multiple ascending doses of NIO752 in Progressive Supranuclear Palsy (PSP)

Role: Sub-investigator

NCT04993768 PI: Wright, BA February 2022 – April 2023

**Transposon Therapeutics** 

A Phase 2a Study of TPN-101 in patients with Progressive Supranuclear Palsy

Role: Primary Investigator

#### BIBLIOGRAPHY

#### **Peer-reviewed Journal Publications**

Wright BA, Roberts CS, Seligson D, Malkani AL, McCabe, SJ. Cost of antibiotic beads is justified: A study of open fracture wounds and chronic osteomyelitis. J Long Term Eff Med Implants. 2007; 17 (3): 181-185.

Wright BA and Waters CH. Continuous dopaminergic delivery to minimize motor complications in Parkinson's disease. Expert Rev Neurother. 2013; 13 (6): 719-729.

Wright BA, Michalec M, and Louis ED. Triggering essential head tremor with sustained phonation: a clinical phenomenon with potential diagnostic value. Study of 102 ET patients with head tremor. Parkinsonism Relat Disord. 2014; 20 (2): 230-232.

Sampson JB, Michaeli T, Wright, BA, Goldman JE, Vonsattel JP, Fahn S. Basal ganglia gliosis in a case of rapid onset dystonia-parkinsonism (DYT12) with a novel mutation in ATPase 1A3 (ATP1A3). Mov Disord Clin Prac. 2016; 3 (6): 618-620.

Nielsen SS, Warden MN, Camacho-Soto A, Willis AW, Wright BA, and Racette BA. A predictive model to identify Parkinson disease from administrative claims data. Neurology. 2017; 89 (14): 1448-1456.

Moreno GM, Gandhi R, Lessig SL, Wright B, Litvan I, Nahab FB. Mortality in patients with Parkinson disease psychosis receiving pimavanserin and quetiapine. Neurology. 2018; 91 (17): 797-799. PMID: 30258020 Bayram E, Litvan I, Wright BA, Grembowski C, Shen Q, Harrington DL. Dopamine effects on memory load and distraction during visuospatial working memory in cognitively normal Parkinson's disease. Neuropsychol Dev Cogn B Aging Neuropsychol Cogn. 2020 Oct 6:1-17. doi: 10.1080/13825585.2020.1828804. Epub ahead of print. PMID: 33021874; PMCID: PMC8021591.

Brownstein MJ, Simon NG, Long JD, Yankey J, Maibach HT, Cudkowicz M, Coffey C, Conwit RA, Lungu C, Anderson KE, Hersch SM, Ecklund DJ, Damiano EM, Itzkowitz DE, Lu S, Chase MK, Shefner JM, McGarry A, Thornell B, Gladden C, Costigan M, O'Suilleabhain P, Marshall FJ, Chesire AM, Deritis P, Adams JL, Hedera P, Lowen K, Rosas HD, Hiller AL, Quinn J, Keith K, Duker AP, Gruenwald C, Molloy A, Jacob C, Factor S, Sperin E, Bega D, Brown ZR, Seeberger LC, Sung VW, Benge M, Kostyk SK, Daley AM, Perlman S, Suski V, Conlon P, Barrett MJ, Lowenhaupt S, Quigg M, Perlmutter JS, Wright BA, Most E, Schwartz GJ, Lamb J, Chuang RS, Singer C, Marder K, Moran JA, Singleton JR, Zorn M, Wall PV, Dubinsky RM, Gray C, Drazinic C. Safety and Tolerability of SRX246, a Vasopressin 1a Antagonist, in Irritable Huntington's Disease Patients-A Randomized Phase 2 Clinical Trial. J Clin Med. 2020 Nov 16;9(11):3682. doi: 10.3390/jcm9113682. PMID: 33207828; PMCID: PMC7696926.

Corey-Bloom J, Williams ME, Beltran-Najera I, Mustafa AI, Snell CM, Castleton J, Smith H, Wright B, Gilbert PE. Central Cognitive Processing Speed Is an Early Marker of Huntington's Disease Onset. Mov Disord Clin Pract. 2020 Dec 28:8(1):100-105. doi: 10.1002/mdc3.13121. PMID: 33426164; PMCID: PMC7781078.

Merola A, Kobayashi N, Romagnolo A, Wright BA, Artusi CA, Imbalzano G, Litvan I, Van Laar AD, Bankiewicz K. Gene Therapy in Movement Disorders: A Systematic Review of Ongoing and Completed Clinical Trials. Front Neurol. 2021 Apr 6; 12:648532. doi: 10.3389/fneur.2021.648532. PMID: 33889127; PMCID: PMC8056023.

Sato C, Mallipeddi N, Ghoshal N, Wright BA, Day GS, Davis AA, Kim AH, Zipfel G, Bateman RJ, Gabelle A, Barthélemy NR. MAPT R406W increases tau T217 phosphorylation in absence of amyloid pathology. Ann Clin Transl Neurol. 2021 Sep;8(9):1817-1830. doi: 10.1002/acn3.51435. Epub 2021 Aug 2. PMID: 34342183; PMCID: PMC8419397.

Coughlin DG, Dryden I, Goodwill VS, Pizzo DP, Wright B, Lessig S, Galasko D, MacKenzie IR, Hiniker A. Long-standing multiple system atrophy-Parkinsonism with limbic and FTLD-type α-synuclein pathology. Neuropathol Appl Neurobiol. 2022 Apr;48(3): e12783. doi: 10.1111/nan.12783. Epub 2021 Dec 13. PMID: 34847258.

Horie K, Barthélemy NR, Spina S, VandeVrede L, He Y, Paterson RW, Rohrer JD, Wright BA, Day GS, Davis AA, Karch CM, Seeley WW, Perrin RJ, Ghoshal N, Gabelle A, Boxer AL, Bateman RJ, Sato C. CSF tau microtubule-binding region identifies pathological changes in primary tauopathies. Nat Med 2022 Nov 24; doi: 10.1038/s41591-022-02075-9. [Epub ahead of print] PMID: 36424467.

Hughes SB, Churchill E, Smirnova A, Hall A, Culbert B, Snell C, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparison of self-report and caregiver ratings with objective performance measures. Parkinsonism Relat Disord. 2022 Dec 29; 107:105272. doi: 10.1016/j.parkreldis.2022.105272. Epub ahead of print. PMID: 36610230.

Longardner K, Wright BA, Alakkas A, You H, Xu R, et al. (2023) Assessing the risks of treatment in Parkinson disease psychosis: An in-depth analysis. PLOS ONE 18(1): e0278262. https://doi.org/10.1371/journal.pone.0278262

#### Complete list of published work in:

https://www.ncbi.nlm.nih.gov/myncbi/1rUAwRuMk5xQn/bibliography/public/

#### **Scientific Abstracts**

Wright BA, Lewis L, Noble J, Vonsattel JP, Khandji A, Sommerville RB, Wright C. Case Series: Eosinophilic vasculitis isolated to the central nervous system. Presented March 19, 2013 at the American Academy of Neurology annual meeting.

Wright BA, Sampson JB, Vonsattel JP, Goldman JE, Fahn S. Unique presentation of primary generalized dystonia with novel findings on post-mortem brain pathology. Presented June 12, 2014 at the International Congress of Parkinson's Disease and Movement Disorders. Travel Grant Recipient

Sampson JB, Michaeli T, Wright BA, Vonsattel JP, Fahn S, Goldman JE. Unique astrocyte pathology in a case of Rapid Onset Dystonia-Parkinsonism (DYT12) with novel mutation in ATP1A3. Presented April 21, 2015, American Academy of Neurology annual meeting.

Corey-Bloom J, Wong C, Aboufadel S, Snell C, Castleton J, Smith H, Wright BA, Gilbert PE. Using the Huntington's disease-Behavioral Questionnaire (HD-BQ) as a screening tool for behavioral disturbances in HD. Presented November 8, 2019, Huntington Study Group Annual Meeting.

Corey-Bloom J, Wong C, Aboufadel S, Snell C, Castleton J, Smith H, Wright BA, Gilbert PE. Using the Huntington's disease-Behavioral Questionnaire (HD-BQ) as a screening tool for behavioral disturbances in HD. Presented April 28, 2020 American Academy of Neurology Annual Meeting.

Corey-Bloom J, Williams ME, Wong C, Aboufadel S, Snell C, Wright BA, Gilbert PE. Central cognitive processing speed is an early marker of Huntington's disease onset. Presented April 28, 2020, American Academy of Neurology Annual Meeting.

Sato C, Horie K, Barthélemy NR, Patterson BW, Gordon BA, Benzinger TL, Mallipeddi N, Sullivan M, Elbert D, Wright BA, Day GS, Davis AA, Paterson RW, Ghoshal N, Bateman RJ. Tau kinetics in Alzheimer disease and primary tauopathies.

Presented July 28, 2020 Alzheimer's Association International Conference.

Corey-Bloom J, Hall A, Snell C, Wright BA, Caligiuri M. Can handwriting movement abnormalities serve as an early biomarker of transition to manifest Huntington's disease? Presented September 14, 2020 International Parkinson and Movement Disorder Society Virtual Congress.

Snell C, Smith H, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. How well does the Composite Unified Huntington's disease Rating Scale (cUHDRS) reflect disease progression in Huntington's disease (HD)? Presented September 14, 2020 International Parkinson and Movement Disorder Society Virtual Congress.

Smith H, Snell C, Castleton J, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. Does the Composite Unified Huntington's disease Rating Scale (cUHDRS) correlate with disease progression in Huntington's disease (HD)? Presented October 30, 2020 Huntington Study Group Annual Meeting.

Smith H, Snell C, Castleton J, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. How well does the Composite Unified Huntington's disease Rating Scale (cUHDRS) reflect disease progression in Huntington's disease (HD)? April 12-21, 2021 American Academy of Neurology Annual Meeting.

Sato C, Mallipeddi N, Ghoshal N, Wright BA, Day GS, Davis AA, Kim AH, Zipfel G, Bateman RJ, Gabelle A, Barthélemy NR. CSF Tau phosphorylation occupancy at T217 increases in MAPT R406W mutation carriers in the absence of amyloid pathology. Presented July 2021, Alzheimer's Association International Conference.

McCallum R, Parkman H, Kunkel D, Nguyen L, Wright B, Kalas M, Quesenberry C, Ramamoorthy B, Donders J, Hyde B. Revisiting the risk of Tardive Dyskinesia with metoclopramide use: a real-world data driven epidemiology study of patients from 2011-2021. Presented May 2022, Digestive Disease Week (DDW) National Meeting.

Horie K, Barthélemy NR, Spina S, VandeVrede L, He Y, Paterson RW, Rohrer JD, Wright BA, Day GS, Davis AA, Karch CM, Seeley WW, Perrin RJ, Koppisetti RK, Lago AL, Heuer H, Ghoshal N, Gabelle A, Miller BL, Boxer AL, Bateman RJ, Sato C. CSF tau microtubule binding region identifies pathological changes in primary tauopathies. Presented August 2022, Alzheimer's Association International Conference.

Hughes SB, Smirnova A, Hall A, Snell CM, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparison of Self-Report and Caregiver Ratings with Objective Performance Measures. International Parkinson and Movement Disorder Society International Congress, Madrid, Spain, September 2022.

Culbert B, Caligiuri M, Churchill E, Prasad N, Snell C, Hall A, Smirnova A, Wright BA, Corey-Bloom J. Graphomotor Predictors of Motor and Functional Decline in Premanifest Huntington's Disease. Huntington Study Group, Tampa, FL, November 2022.

Hughes SB, Churchill E, Smirnova A, Hall A, Culbert B, Snell C, Hutchings Z, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparing Objective Performance with Self-Report and Caregiver Ratings as a Measure of Anosagnosia in HD. Huntington Study Group, Tampa, FL, November 2022.

## **UC San Diego School of Medicine Formal Teaching Roles**

MS-2 Small Group Neurological Exam Instruction. January 2022 MS-1 Mind Brain & Behavior Small Group Neurology Case Discussions. January-February 2022 and 2023

#### Lectures

Movement Disorders Journal Club, Washington University in St. Louis

Neurotrophic Factors for Treatment of Parkinson's disease. March 13, 2014

Faculty and Resident Conference, Dept. of Neurology, Oregon Health & Science University.

Neurotrophic Factors for Treatment of Parkinson's disease. April 17, 2014

Movement Disorders Journal Club, Washington University in St. Louis

Huntington's disease research update. November 20, 2014

Movement Disorders Journal Club, Washington University in St. Louis

Carbidopa Levodopa Enteral Suspension for Parkinson's disease. February 19, 2015

St. Louis APDA Chapter, YOPD Support Group

Carbidopa Levodopa Enteral Suspension for Parkinson's disease. March 17, 2015

Washington University Department of Physical Therapy, Student Curriculum

Overview of Ataxia. November 9, 2015

Huntington Disease Society of America, St. Louis Chapter

Update on Research and Clinical trials. March 19, 2016

Washington University Department of Neurosurgery Resident Curriculum

Cerebellar Physiology and Ataxia Syndromes. March 23, 2016

St. Louis APDA Chapter - Overview and Expert Panel on DBS Surgery vs. Duopa™ for Parkinson disease. April 3, 2016

Movement Disorders Journal Club, Washington University in St. Louis

Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 19, 2016

Movement Disorders Journal Club, Washington University in St. Louis

Huntington's disease research update. November 17, 2014

Washington University Department of Physical Therapy, Student Curriculum

Overview of Ataxia, November 21, 2016

Huntington Study Group - Website Curriculum for Physician Educational Resource on HD

Creation of online visual content; filmed for video lecture content.

HSG meeting November 2, 2016

Washington University Department of Neurology Grand Rounds

Resident Clinical-Pathologic Conference - Faculty Discussant. May 26, 2017

University of California San Diego Movement Disorders Division Conference

The Braak Hypothesis for Pathological Staging of Parkinson Disease -

A Critical Analysis. June 14, 2017

Washington University Department of Physical Therapy, Student Curriculum Overview of Ataxia. November 6, 2017

UC San Diego Health - Educating the Community - Focus on Health Seminar

Parkinson disease - Exercise as Medicine. January 25, 2018

UC San Diego Health – Educating the Community – Focus on Health Symposium

Parkinson disease – Medical Management of Motor Symptoms. June 2, 2018

University of California San Diego Movement Disorders Division Conference

Video Rounds Case Conference. August 29, 2018

UC San Diego Health - Educating the Community - Focus on Health Symposium

Shaking Out the Subtleties of Tremor - Parkinsonian Tremor. November 1, 2018

University of California San Diego - Department of Internal Medicine

Resident Recruitment Morning Report "Stiff Person Syndrome" Faculty Discussant.

November 15, 2018

Dystonia Support & Advocacy Group of San Diego County

Overview of Dystonia - Clinical Characteristics and Treatments. January 5, 2019

UC San Diego Neurology Resident Curriculum

Cerebellar Physiology and Ataxia Syndromes. January 18, 2019

UC San Diego Health – Educating the Community – Focus on Health Symposium

Newly-FDA Approved Medications for Parkinson disease. March 16, 2019

UC San Diego Neurology Resident and Movement Disorders Fellow Curriculum

Botulinum Toxin for Movement Disorders – Overview & Demonstration.

March 29, 2019

UC San Diego Movement Disorders Fellow Curriculum

Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 3, 2019

UC San Diego Movement Disorders Fellow Curriculum

The Braak Hypothesis for Pathological Staging of Parkinson Disease –

A Critical Analysis. May 3, 2019

UC San Diego Movement Disorders Fellow Curriculum

Botulinum Toxin for Movement Disorders – Overview & Demonstration.

Sept 25, 2019

Parkinson's Foundation: Aware in Care Ambassador Training:

Parkinson's in the Hospital. September 27, 2019

Parkinson's Association of San Diego – Empowerment Symposium for Parkinson's

Overview of Medications for Parkinson's disease. November 15, 2019

Lewy Body and Frontotemporal Dementia, Support and Discussion Group @ Alzheimer's

San Diego. Overview and Q & A on Lewy Body Dementia, Frontotemporal

Dementia, and Multiple System Atrophy. December 4, 2019

University of California San Diego - Department of Internal Medicine

Resident Morning Report "Autoimmune Encephalitis" Faculty Discussant.

January 7, 2020

UC San Diego Movement Disorders Fellow Curriculum

The Braak Hypothesis for Pathological Staging of Parkinson Disease -

A Critical Analysis. March 20, 2020

UC San Diego Movement Disorders Fellow Curriculum

Normal Pressure Hydrocephalus - Comprehensive Literature Review.

March 20, 2020

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Anatomy and Physiology. April 10, 2020

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Ataxia - Clinical Overview. April 10, 2020

San Diego Central County Point Loma Parkinson's Support Group

Exciting new technique regenerates damaged neurons in a mouse model of

Parkinson Disease – discussion of a recent Nature publication by UCSD scientists.

August 24, 2020

UC San Diego Movement Disorders Fellow Curriculum

Incobotulinum Toxin for Movement Disorders - Virtual Reality Simulation for

Injections. August 26, 2020

UC San Diego Movement Disorders Fellow Curriculum

October 2, 2020

Botulinum Toxin for Movement Disorders - Scientific Background and Overview

NCPSG Oceanside Parkinson's Support Group

Exciting new technique regenerates damaged neurons in a mouse model of Parkinson Disease – discussion of a recent Nature publication by UCSD scientists. October 14, 2020

UC San Diego HOPE (Healthcare Opportunities Preparation & Empowerment)

Medical Field Day for pre-medical undergraduate students – physician panelist and small group discussant. February 19, 2021

NCPSH Fallbrook Parkinson's Support Group

Open Forum: Ask the Doctor - Physician Speaker/Panelist. March 26, 2021

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Anatomy and Physiology. May 14, 2021

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Ataxia - Clinical Overview. May 14, 2021

UC San Diego Movement Disorders Fellow Curriculum

Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 28, 2021

UC San Diego Movement Disorders Fellow Curriculum

The Braak Hypothesis for Pathological Staging of Parkinson Disease –

A Critical Analysis. May 28, 2021

UC San Diego Health – Educating the Community – Living with Parkinson's Symposium Update on Experimental therapies for Parkinson disease. July 10, 2021

UC San Diego Movement Disorders Fellow Curriculum. August 18, 2021

Botulinum Toxin for Movement Disorders - Scientific Background and Overview

Osher Lifelong Learning Institute at UC San Diego.

Overview of Parkinson disease – pathobiology, clinical features, treatments, and emerging clinical research. August 25, 2021

UC San Diego Movement Disorders Fellow Curriculum

Incobotulinum Toxin A for Movement Disorders – Virtual Reality Simulation for Injections. November 17, 2021

Parkinson's Association of San Diego – Empowerment Symposium for Parkinson's Medical Treatment of Motor Symptoms. December 1, 2021

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Anatomy and Physiology. December 10, 2021

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Ataxia - Clinical Overview. December 10, 2021

UC San Diego Movement Disorders Fellow Curriculum

The Braak Hypothesis for Pathological Staging of Parkinson Disease – A Critical Analysis. January 14, 2022

UC San Diego Health – Educating the Community – Navigating Parkinson's Disease Symposium. Diet and Nutrition in Parkinson's disease. July 22, 2022

Parkinson's Foundation – Advanced Team Training for Parkinson's: Cognition. Case Studies: Mid to Late-Stage PD Focusing on Cognition Issues. August 12, 2022

Parkinson's Association of San Diego – Empowerment Symposium for Parkinson's Medical Treatment of Motor Symptoms. November 30, 2022

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Anatomy and Physiology. January 13, 2023

UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Ataxia - Clinical Overview. January 13, 2023

UC San Diego Movement Disorders Fellow Curriculum. February 8, 2023

Botulinum Toxin for Movement Disorders - Scientific Background and Overview