

Pilot Projects Supported with Funding from the Dystonia Coalition

Recipient	Institution	Year	Project Title
M Ledoux, MD PhD	Univ Tennessee, Memphis, TN, USA	2009	<i>THAP1 sequence variants in dystonia</i>
G DeFazio, MD PhD	Univ Bari, Italy	2010	<i>Diagnostic guidelines & rating tools for blepharospasm</i>
E Roze, MD	University Hospitals Pitié Salpêtrière, Paris, France	2010	<i>Cerebellar cortical plasticity in focal dystonia</i>
K Bhatia, MD FRCP	Univ Coll London, UK	2010	<i>DYT6: A window to mechanisms in primary dystonia?</i>
D Peterson PhD	Univ California, San Diego, CA, USA	2010	<i>Increasing CERTainty in blepharospasm</i>
C Klein, MD	Univ Lubeck, Germany	2011	<i>Endophenotypes in focal dystonias</i>
H Houlden, MRCP, PhD	Univ College London, UK	2011	<i>Neuropathology of DYT1 and DYT6 dystonia</i>
S Frucht, MD	Mt. Sinai School of Med, NY, USA	2013	<i>Rating scales for musician's dystonias</i>
S Eichenseer, MD	Rush Univ, Chicago, IL, USA	2013	<i>A novel method for rating scale assessment in cervical dystonia</i>
M LeDoux, MD PhD	Univ Tennessee, Memphis, TN, USA	2013	<i>Targeted sequencing in primary dystonias</i>
H Jinnah, MD PhD	Emory Univ, Atlanta, GA, USA	2013	<i>Dystonia Coalition iPS resource</i>
S Norris, MD	Washington Univ, St Louis, MO, USA	2013	<i>fMRI in laryngeal dystonia and MTD</i>
K Lohmann, PhD	Univ Luebeck, Germany	2013	<i>Unraveling Novel Genetic Causes in Alcohol-Responsive Dystonia by Exome Sequencing</i>
J Mink, MD	Univ Rochester, NY, USA	2015	<i>A rating scale for children with dystonia</i>
M Hammer, MA, PhD	Univ Wisconsin, Whitewater, WI	2020	<i>Non-invasive mechanosensory perturbation technique to test voice-related motor and somatosensory cortical responses in spasmodic dystonia</i>
C Cruchaga, PhD	Washington Univ, St Louis, MO, USA	2021	<i>Proteomic characterization of Dystonia</i>
D Martino, MD, PhD	University of Calgary, Canada	2022	<i>Moodscreen for cervical dystonia: a diagnostic accuracy study of depression and anxiety</i>
D Corp, PhD	Deakin University, Australia	2022	<i>The effect of multi-day continuous theta-burst stimulation on symptoms of cervical dystonia</i>

Pilot Projects Supported with Alternative Funding			
Recipient	Institution	Date of application	Topic
S Factor, DO; H A Jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2010-2013	<i>Diagnostic delay in CD</i>
M Johns, MD; E Hapner, SLP	Emory Univ, Atlanta, GA, USA	2010-2015	<i>Tremor & LD</i>
M Johns, MD; E Hapner, SLP	Emory Univ, Atlanta, GA, USA	2010-2016	<i>Diagnostic delay in LD</i>
C Prudente, PhD student	Emory Univ, Atlanta, GA, USA	2011	<i>Neuropathology of CD</i>
C Prudente, PhD student	Emory Univ, Atlanta, GA, USA	2012	<i>fMRI in cervical dystonia</i>
N Patel, MD; J Jankovic, MD	Baylor College of Medicine, Houston, TX, USA; Henry Ford Health System, Detroit, MI	2012	<i>Sensory tricks in cervical dystonia</i>
D Wahba, PhD; HA Jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2013	<i>Patient Reported Outcomes of Depression, Anxiety, and Quality of Life in the Dystonia Coalition Cohort</i>
H Sarva, MD; S Bressman, MD	Mt Sinai, New York City, NY, USA	2014	<i>Long Term Clinical Outcomes in DYT1 Dystonia</i>
J Park, MD ; M Hallett, MD	NINDS, Bethesda, MD, USA	2015	<i>Multicenter study of WC</i>
S Pirio-Richardson, MD	Univ New Mexico, Albuquerque, NM, USA	2015	<i>Patterns of medication use</i>
L Scorr, MD	Emory Univ, Atlanta, GA, USA	2016	<i>Multicenter study of OMD (Combined with clinical characteristics and impact on quality of life project-2016)</i>
J Junker, MD; N Bruggeman, MD	Univ Lubeck, Germany	2015	<i>Alcohol-Responsiveness in Dystonia</i>
J Junker, MD	Univ Lubeck, Germany	2015	<i>Quality of Life in Dystonia and Predictors (Non-motor features)</i>
S Norris, MD	Washington Univ, St Louis, MO, USA	2015	<i>Clinical Characteristics of Cervical Dystonia</i>
A Shaikh, MD	Case Western Reserve Univ, Cleveland, OH, USA	2015	<i>Quantitative analysis of dysphonia and voice tremor</i>
A Shaikh, MD	Emory Univ, Atlanta, GA, USA	2016	<i>Tremor in dystonia</i>
Y Sun, PhD	Emory Univ, Atlanta, GA, USA	2016	<i>GWAS for CD</i>
Y Sun, PhD	Emory Univ, Atlanta, GA, USA	2016	<i>Metabolomics for CD</i>
N Patel, MD	Henry Ford Health System, Detroit, MI	2016	<i>Substance abuse in dystonia</i>
A Morris, MD; JS Perlmutter, MD	Washington Univ, St Louis, MO, USA	2016	<i>Acoustic quantification of laryngeal dystonia</i>
B Berman, MD	Univ Colorado, Denver, CO, USA	2016	<i>Prevalence of Psychiatric Symptoms in Dystonia</i>
S Pirio-Richardson, MD	Univ New Mexico, Albuquerque, NM, USA	2016	<i>Changes in medication use in dystonia patients enrolled in a longitudinal natural history repository</i>
L Froescheke, PhD	Elmhurst College, Elmhurst, IL, USA	2016	<i>Phonatory breaks in SD</i>
C Klein, MD, PhD; K Lohmann, PhD	Univ Lubeck, Germany	2017	<i>Identification of penetrance and risk modifying variants in dystonia using different genome-wide technologies</i>
D Peterson, PhD	UCSD and Salk, LA Jolla, CA, USA	2017	<i>Objective phenotyping in cervical dystonia</i>
H Sarva, MD	Cornell, New York City, NY, USA	2017	<i>Describing gait in patients with blepharospasm</i>
A Fois; V Fung, MD; F Chang, MD	Westmead Hospital, Australia	2017	<i>Torticollis in hemidystonia</i>
S Cho, MD; M Hallett, MD	NINDS, Bethesda, MD, USA	2017	<i>Sensory tricks in BSP</i>
A Espay, MD	Univ Cincinnati, Cincinnati, OH, USA	2017	<i>Tremor in CD</i>
B Berman, MD; C Groth, MD	Univ Colorado, Denver, CO, USA	2018	<i>Patterns of spread in dystonia</i>
S Norris, MD	Washington Univ, St Louis, MO, USA	2018	<i>Spread of limb dystonia</i>
D Martino, MD	Univ Calgary, Canada	2018	<i>A cross-sectional analysis of demographic and clinical predictors of spread in adult onset idiopathic dystonia from the Dystonia Coalition clinical cohort</i>
G Kilic-Berkmen, PhD; H A Jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2019	<i>Delineating patterns of segmental and cervical dystonia</i>
C Klein, MD, PhD; K Lohmann, PhD	Univ Lubeck, Germany	2019	<i>GWAS-SNP</i>
M Powell, PhD	Vanderbilt Univ, Nashville, TN, USA	2019	<i>Artificial Intelligence for Screening, Diagnosing, and Monitoring Laryngeal Dystonias</i>
N Harrison, MD; S Norris, MD	Washington Univ, St Louis, MO, USA	2019	<i>Phenomenology and Clinical Characteristics of Shoulder Dystonia in those with Upper Extremity versus Cervical Dystonia</i>
A Cotton; HA jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2019	<i>Patient-Reported Outcomes vs Clinical Rating Scales</i>
E Reid, PhD	Loma Linda Univ, Loma Linda, CA	2019	<i>Phonetic Analysis of Spasmodic Dysphonia</i>
G. Kilic-Berkmen, PhD; M Zaribaf; HA Jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2020	<i>Family structures in Dystonia Coalition cohorts</i>
K Lohmann, MD	Univ Lubeck, Germany	2020	<i>Elucidating novel genetic causes of dystonia by large-scale sequencing</i>
W Jost, MD, PhD	Parkinson Hospital, Germany	2020	<i>Retrospective evaluation of cervical dystonia according to the col cap concept</i>
K Peall, MD	Cardiff Univ, United Kingdom	2020	<i>Use of predictive models in the identification of phenotypic subgroups across the spectrum of dystonia</i>
L Scorr, MD	Emory Univ, Atlanta, GA, USA	2020	<i>A Descriptive Study of Blepharospasm from the DC Cohort</i>
P Kassavetis, MD, PhD; M Hallett, MD	NIH	2020	<i>Blepharospasm symptoms during speech</i>
M Sousa, MD; S Fox, MD	Univ Toronto, Canada	2020	<i>Anxiety in Cervical dystonia</i>
N Koirala, PhD	Haskins Lab, New Haven, CT, USA	2020	<i>Real time detection of movement in dystonia patients using machine learning algorithms</i>
M Tosin, PhD candidate	Rush Univ, Chicago, IL, USA	2020	<i>Head tremor in Cervical Dystonia</i>
N Koirala, PhD	Haskins Lab, New Haven, CT, USA	2020	<i>Evaluation of laryngeal dystonia by using machine learning algorithms</i>
B Aravamuthan, MD, PhD	Washington Univ, St Louis, MO, USA	2020	<i>Objective identification of dystonia in gait videos of people with DYT1</i>
V Fung, PhD, FRACP; F Chang, MD, PhD	Westmead Hospital, Australia	2021	<i>Abrupt onset Dystonia – Analysis of variable phenotypes, genetic causes, treatment</i>
J Vizcarra, MD; HA Jinnah, MD, PhD	Emory Univ, Atlanta, GA, USA	2021	<i>Longitudinal follow-up of idiopathic hemidystonia: a descriptive study of 15 patients.</i>
E Hess, PhD	Emory Univ, Atlanta, GA, USA	2021	<i>Sex Differences in Dystonia</i>
A Berardelli, MD	Sapienza University, Rome, Italy	2021	<i>Digital Voice Analyses for Spasmodic Dysphonia and Vocal Tremor in Dystonia Coalition Cohort</i>
N Grant, MD	MedStar Georgetown University Hospital, Washington, DC, USA	2022	<i>Use of Artificial Intelligence to Screen for Laryngeal Dystonia</i>
S Norris, MD	Washington Univ, St Louis, MO, USA	2022	<i>Body Region Frequency and Co-Occurrence in Non-Focal Dystonia: A Cross-Sectional Review</i>
S Factor, DO	Emory Univ, Atlanta, GA, USA	2022	<i>Comparison of Clinical Aspects of Cervical Dystonia between Parkinson's Disease and Idiopathic Cervical Dystonia</i>