



Research Programs

Research Grants

Direct Quantification of Adductor Spasmodic Dysphonia with High-Resolution Manometry

Jesse D. Hoffmeister, University of Minnesota, Minneapolis, MN (partial funding with Dysphonia Coalition)

Stopping Spasmodic Dysphonia at its Source: A Phase 2 Randomized Controlled Trial of Deep Brain Stimulation for Adductor and Abductor SD

Christopher Honey, MD, University of British Columbia, and Stacey Halum, MD, Indiana University

Network Targets Transcranial Direct Current Stimulation as a Treatment for Laryngeal Dystonia

Vincent Gracco, PhD, Haskin Laboratories, New Haven, CT

Assessing Laryngopharyngeal Sensation in Patients with Adductor Spasmodic Dysphonia Using a Novel Tactile Buckle Aesthesimeter

Clark Rosen, MD, University of California, San Francisco, CA

Individual-Specific Brain Functional Connectivity Mapping of Therapeutic Response in Spasmodic Dysphonia, a form of Laryngeal Dystonia

Scott Norris, MD and Evan Gordon, MD, Washington University, St. Louis, MO

Development of a Computerized, Video-Based Measure of Severity for Laryngeal Dystonia

Avraham Mendelsohn, MD, University of California, Los Angeles

Novel Application of rTMS in Abductor Laryngeal Dystonia

Teresa J. Kimberley, PhD, PT and Russell Banks, PhD, CCC-SLP, The MGH Institute of Health Professions, Boston, MA

Wearable Non-Invasive Neuromodulation Technology for the Symptomatic Treatment of Spasmodic Dysphonia

Jurgen Konczak, PhD, University of Minnesota, Minneapolis, MN

Validation of the Communicative Participation Item Bank as an Outcome Measure for Spasmodic Dysphonia

Michael Pitman, MD, Columbia University, New York, NY

Neural Activity in Spasmodic Dysphonia and Vocal Tremor

John Houde, PhD, UCSF, San Francisco, CA

The Neurosurgical Treatment of Spasmodic Dysphonia: *Thinking Outside the Voice Box*

Christopher Honey, MD, DPhil, FRCSC, Vancouver General Hospital, Vancouver, BC

Laryngeal Somatosensory Evoked Cortical Potentials in Spasmodic Dysphonia – An Initial Study

Michael Hammer, PhD, CCC-SLP, University of Wisconsin, Madison, WI

Pathophysiology of Spasmodic Dysphonia: A Combined TMS and fMRI Study

Teresa Jacobson Kimberley, PhD, University of Minnesota, Minneapolis, MN

Identification of a Spasmodic Dysphonia Gene using Exome Sequencing

Tatiana Fuchs, PhD, Principal Investigator, Mount Sinai School of Medicine, New York, NY
Laurie Ozelius, PhD, Significant Contributor

Spatiotemporal Disturbance of Fine Movements in Adductor Spasmodic Dysphonia

Rita R. Patel, PhD, Indiana University, Indianapolis, IN

Parametric Analyses of Pathology and Treatment Effect in Spasmodic Dysphonia

Christian Kell, MD, *Goethe University, Frankfurt, Germany*

Research Support *(multiple years funded)*

- Funding support of the Patient Outcomes Project of the Dysphonia Coalition
- Funding support of Project 3 of the Dystonia Coalition
- Funding and promotion of the Global Dystonia Registry
- Participation and promotion of the Dystonia Brain Collective

Research Travel Awards *(multiple years funded)*

- American Academy of Otolaryngology
- American Laryngological Association
- European Laryngological Society
- Fall Voice Conference
- Sin City
- Triological Society
- The Voice Foundation
- Winter Days of Laryngology