

## CURRICULUM VITAE

### **Jonathan Walter Mink, MD PhD**

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### **EDUCATION**

1976 – 1980	BA with High Honors (Biology – Psychology), Wesleyan University, Middletown, CT, USA
1980 – 1981	MA (Psychology), Wesleyan University, Middletown, CT, USA
1981 – 1989	MD, PhD (Neuroscience), Washington University, St. Louis, MO, USA

### **POST-DEGREE TRAINING**

1994 – 1996	Fellowship in Movement Disorders, Washington University, St. Louis, MO, USA
1991 – 1994	Residency in Child Neurology, Barnes Hospital and St. Louis Children's Hospital, St. Louis, MO, USA
1989 – 1991	Residency in Pediatrics, St. Louis Children's Hospital, St. Louis, MO, USA

### **PROFESSIONAL LICENSURE & CERTIFICATIONS**

1991 – 2001	Medical License # MD37007, State of Missouri
2000 – present	Medical License # 219219, State of New York
1997 – present	Certification in Neurology with Special Qualifications in Child Neurology, American Board of Neurology and Psychiatry, ongoing maintenance of certification through 2027

### **FACULTY APPOINTMENTS**

1994 – 1996	Instructor of Neurology, Washington University, St. Louis, MO, USA
1996 – 2001	Assistant Professor of Neurology, Washington University, St. Louis, MO, USA
1996 – 2001	Assistant Professor of Neurobiology, Washington University, St. Louis, MO, USA
1996 – 2001	Assistant Professor of Pediatrics, Washington University, St. Louis, MO, USA
2001 – 2008	Associate Professor of Brain & Cognitive Sciences, University of Rochester, Rochester, NY, USA
2001 – 2008	Associate Professor of Neurology, University of Rochester, Rochester, NY, USA
2001 – 2008	Associate Professor of Neurobiology & Anatomy, University of Rochester, Rochester, NY, USA

2001 – 2008	Associate Professor of Pediatrics, University of Rochester, Rochester, NY, USA
2001 – 2008	Associate Professor of Neurobiology & Anatomy, University of Rochester, Rochester, NY, USA
2008 – 2014	Professor of Brain & Cognitive Sciences, University of Rochester, Rochester, NY, USA
2008 – 2015	Professor of Neurobiology & Anatomy, University of Rochester, Rochester, NY, USA
2008 – 2023	Professor of Neurology, University of Rochester, Rochester, NY, USA
2008 – 2023	Professor of Pediatrics, University of Rochester, Rochester, NY, USA
2013 – 2021	Frederick A. Horner, MD Endowed Professor in Pediatric Neurology, University of Rochester, Rochester, NY, USA
2016 – 2023	Professor of Neuroscience, University of Rochester, Rochester, NY, USA
2021 – 2023	Frederick A. Horner, MD Distinguished Professor in Pediatric Neurology, University of Rochester, Rochester, NY, USA

#### **HOSPITAL & ADMINISTRATIVE APPOINTMENTS**

1995 – 2001	Attending Neurologist, Barnes-Jewish Hospital, St. Louis, MO, USA
1995 – 2001	Attending Neurologist, St. Louis Children's Hospital, St. Louis, MO, USA
1998 – 2001	Medical Director, Movement Disorders Surgery Program, Washington University, St. Louis, MO, USA
2001 – 2023	Attending Neurologist, Strong Memorial Hospital and Golisano Children's Hospital, Rochester, NY, USA
2001 – 2023	Chief, Division of Child Neurology, Department of Neurology, University of Rochester and Golisano Children's Hospital, Rochester, NY, USA
2003 – 2020	Director, Pediatric Movement Disorders Fellowship, University of Rochester, Rochester, NY, USA
2003 – 2013	Program Director, Child Neurology Residency, University of Rochester, Rochester, NY, USA
2004 – 2012	Associate Director, Strong Children's Research Center, University of Rochester, Rochester, NY, USA
2005 – 2019	Medical Director, University of Rochester Batten Center, University of Rochester, Rochester, NY, USA (A Batten Disease Support and Research Association Center of Excellence)
2010 – 2012	Interim Chief, Movement Disorders and Inherited Disease (MIND) Unit, Department of Neurology, University of Rochester, Rochester, NY, USA
2012 – 2023	Vice Chair, Department of Neurology, University of Rochester, Rochester, NY, USA
2013 – 2019	Associate Program Director, Child Neurology Residency, University of Rochester, Rochester, NY, USA
2014 – 2020	Director, University of Rochester Tourette Association of America Center of Excellence
2018 – 2023	Co-Director, University of Rochester Intellectual and Developmental Disabilities Research Center

2019 – 2020	Co-Director, University of Rochester Batten Center, University of Rochester, Rochester, NY, USA (A Batten Disease Support and Research Association Center of Excellence)
2020 – 2022	Associate Director, University of Rochester Tourette Association of America Center of Excellence
2020 – 2023	Director, University of Rochester Batten Center, University of Rochester, Rochester, NY, USA (A Batten Disease Support and Research Association Center of Excellence)

## HONORS AND AWARDS

1980	Walkley Prize for Psychology Research, Wesleyan University
1980	High Honors for Senior Thesis, Wesleyan University
1981 – 1987	NIH Training Grant, Medical Scientist Training Program, Washington University School of Medicine
1987	James O'Leary Prize for Neuroscience Research, Washington University
1987 – 1989	Olin Medical Fellowship, Medical Scientist Training Program, Washington University
1989	Irwin Levy Prize in Neurology, Washington University
1993	House Staff Teaching Award, St. Louis Children's Hospital
1994 – 1995	NIH Training Grant for Postdoctoral Research, Washington University
2002	Derek Denny-Brown Neurological Scholar Award, American Neurological Association
2005 – present	Best Doctors in America
2005	Neurology Faculty Teaching Award, University of Rochester
2007	Who's Who in America
2008	Teacher Recognition Award, American Academy of Neurology
2008 – 2023	Patient's Top Choice Award
2009 – present	America's Top Doctors, Patient's Choice
2009	Elected Faculty Member, Alpha Omega Alpha
2011	Commendation for Third Year Teaching, University of Rochester
2011	Faculty Mentoring Award for Mentoring of Clinical Science Trainees, University of Rochester
2011	Compassionate Doctor Award, Patient's Choice
2013	University of Rochester Medical Center Faculty Diversity Award
2015	University of Rochester Nominee for 2015 Arnold P. Gold Foundation Humanism Award, American Association of Medical Colleges
2015	Oliver Sacks Award for Excellence, Tourette Association of America
2017	Paediatric Neurologist of the Year 2017 – East USA, Global Health & Pharma Social Care Award
2017	Paediatric Neurologist of the Year 2017 – New York, Global Health & Pharma Mental Health Award
2019	H. Houston Merritt Award, American Academy of Neurology
2021	Hower Award, Child Neurology Society
2022	Robert Surtees Lectureship, International Symposium on Paediatric Movement Disorders

## ACADEMIC & PROFESSIONAL ORGANIZATIONS

### National

1978 – present	Society for Neuroscience
1980 – 2012	American Association for the Advancement of Science
1994 – present	Child Neurology Society (Emeritus since 2023)
1994 – present	American Academy of Neurology (Fellow since 2004)
1995 – present	Movement Disorders Society
2001 – 2013	Child Motor Disorders Taskforce
2002 – 2023	American Neurological Association (Fellow 2002 - 2023)
2002 – 2023	American Academy of Pediatrics (Specialty Fellow 2002 - 2023)

### International

1992 – 2019	International Basal Ganglia Society
2004 – present	International Child Neurology Association

### Leadership Roles

2005 – 2010	Chair, Research Committee, Child Neurology Society
2005 – 2016	Co-chair, Scientific Advisory Board, Tourette Syndrome Association
2006 – 2008	Councilor, Section on Child Neurology, American Academy of Neurology
2006 – 2010	Member, Executive Committee, Section on Movement Disorders, American Academy of Neurology
2007 – 2009	Councilor from the East, Child Neurology Society
2012	Acting Chair, Board of Scientific Counselors, Nation Institute of Neurological Disorders and Stroke (NINDS)
2013 – 2015	Chair, Scientific Program Committee, Child Neurology Society
2014 – 2015	Co-Chair, Organizing Committee, Fourth International Symposium on Paediatric Movement Disorders
2014 – present	Member, Executive Board, International Child Neurology Association
2014 – 2018	Chair, Constitution and By-laws Committee, International Child Neurology Association
2016 – 2017	President-elect, Child Neurology Society
2016 – 2017	Co-Chair, Organizing Committee, Fifth International Symposium on Paediatric Movement Disorders
2017 – 2019	President, Child Neurology Society
2018 – 2019	Co-Chair, Organizing Committee, Sixth International Symposium on Paediatric Movement Disorders
2019 – 2020	Past-President, Child Neurology Society
2019 – 2021	Chair, Nominating Committee, Child Neurology Society
2019 – 2020	Chair, Joint International Scientific Program Committee, Child Neurology Society and International Child Neurology Association
2022 – present	Chair, Nomination Committee, International Child Neurology Association
2023 – present	Member, Archives and Legacy Committee, Child Neurology Society

## COMMITTEES & OTHER ADMINISTRATIVE SERVICE

University of Rochester Department of Neurology

2001 – 2023	Member, Neurology Department Executive Committee
2014 – 2019	Member, Neurology Department Finance Committee
2017 – 2023	Chair, Neurology Department Research Committee
2019 – 2023	Member, Neurology Department Diversity Committee

University of Rochester School of Medicine and Dentistry

2002 – 2004	Member, Search Committee, Pediatric Genetics Division Chief
2005 – 2006	Member, Search Committee, Pediatrics Department Chair
2009 – 2011	Medical School Advisory Council Steering Committee
2009 – 2019	Member, Third and Fourth Year Instruction Committee

University of Rochester

2004 – 2008	Member, Academic Affairs Committee, Faculty Senate
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National

1999 – 2005	Member, Medical Advisory Board, Tourette Syndrome Association
2002	Member, Electronic Communication Committee, Child Neurology Society
2003 – 2004	Member, Research Committee, Child Neurology Society
2004 – 2008	Member, <i>Continuum</i> Subcommittee, American Academy of Neurology
2005 – 2011	Member, Annual Meeting Subcommittee, American Academy of Neurology
2006	Member, Organizing Committee for NIH Workshop on Tourette Syndrome
2013 – 2016	Member, Board of Directors, American Neurological Association
2013 – 2019	Member, Child Neurology Maintenance of Certification Examination Committee, American Board of Psychiatry and Neurology
2014 – 2017	Member, Section on Neurology Executive Committee, American Academy of Pediatrics
2014 – 2017	Member, Research Committee, Child Neurology Society
2015 – 2016	Member, Scientific Program Committee, Child Neurology Society
2015 – 2021	Member, Neurology Review Committee, Accreditation Council for Graduate Medical Education
2018 – 2019	Member, Child Neurology Milestone Project 2.0, Accreditation Council for Graduate Medical Education
2019 – 2021	Member, Neurology Review Executive Committee, Accreditation Council for Graduate Medical Education
2023	Member, Search Committee, Deputy Director, National Institute of Neurological Disorders and Stroke (NINDS)

International

2005 – 2012	Member, Education Committee, WeMOVE
2009	Co-chair, 5th International Scientific Symposium on Tourette Syndrome
2011	Member, Organizing Committee, Third International Symposium on Paediatric Movement Disorders
2012	Member, Abstract Review Committee, 12th International Child Neurology Congress

2012	Member, Scientific Advisory Group, 12th International Child Neurology Congress
2012	Co-organizer, Cerebral Palsy International Research Foundation Workshop on Deep Brain Stimulation for Children with CP
2018 – 2021	Member, Taskforce on Pediatrics, International Parkinson and Movement Society
2021 – present	Member, Pediatric SIG Steering Committee, International Parkinson and Movement Society
2022	Member, Scientific Program Committee, 17 <sup>th</sup> International Child Neurology Congress

## EDUCATIONAL CONTRIBUTIONS

### Undergraduate Students Mentored

1995-1996	Randall Bateman, Washington University, "Modulation of Stretch Reflexes" - Mentor
1999-2000	Andrea Chao, Washington University, "Eye Movements in Parkinson Disease" – Mentor
2002	Erika (Levy) Wexler, Strong Children's Research Center Summer Student - "EMG patterns in Chorea" – Mentor
2002	Tiffani McDonough, Strong Children's Research Center Summer Student - "Kinematics of Chorea" - Mentor
2003	Rachel Jordan, Strong Children's Research Center Summer Student - "Behavioral Aspects of Batten Disease" – Mentor
2004	Alaina Neary, Summer Student – "Effect of Treating Anxiety in Tourette Syndrome" - Mentor
2004	Nathan Smith, Strong Children's Research Center Summer Student - "A Primate Model of Tics" - Mentor
2005	Kaitlin Hill, Strong Children's Research Center Summer Student - "EMG and Kinematic Patterns in Dystonia" – Mentor
2011	Cara Hall, Strong Children's Research Center Summer Student – "Globus Pallidus Activity in Reaching" – Mentor
2012 – 2013	Kathleen Black, University of Rochester Student – "Coprophenomena in Tourette Syndrome" – Mentor
2019	Alexandra Northrup, Marist College Student – "Primary and Secondary Stereotypies in Children" – Mentor
2019 - 2020	Margaux Masten, University of Rochester Honors Thesis "Public Health Relevance and Natural History Studies of a Group of Rare Diseases" – Mentor
2021 – 2022	Emily O'Brien, "Deep Brain Stimulation in Dystonia" – co-Mentor

### Medical Students Mentored

2007 – 2008	Erika (Levy) Wexler, David Smith Pediatrics Fellow and Clinical Translational Science Institute "Year Out" research student - "Treatment of Anxiety and Obsessive Compulsive Behaviors in Tourette Syndrome" - Mentor
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2010 – 2011	Jennifer (Cialone) Vermilion, Clinical Translational Science Institute "Year Out" research student fellow- "A Phase II, Randomized, Placebo Controlled Trial of the Safety & Tolerability of Mycophenolate (CellCept) in Children with Juvenile Neuronal Ceroid Lipofuscinosis (JNCL)" – Mentor
2016	Justin Williams, Summer Medical Student Research Project, "Rating Scales for Juvenile Batten Disease" – Mentor
2020	Camille Corre, Summer Medical Student Research Project, "Investigating Cortical/Cerebral Visual Impairment and Visual Processing Deficits in Cerebral Adrenoleukodystrophy"

#### Graduate Students Mentored

2006 – 2014	Irina Statnikova, PhD in Neuroscience program, Dissertation Title: "GPi is Involved at Multiple Levels in Selection and Inhibition of Competing Motor Behaviors", University of Rochester
2009 – 2016	Imran Punekar, MD-PhD in Neurobiology & Anatomy and Medical Scientist Training Program, Dissertation Title: "Impulsivity in Parkinson Disease", University of Rochester
2011 – 2016	Molly Jaynes Wilson, PhD in Translational Biomedical Science Program, Dissertation Title: "Motor Sequence Performance and Pattern Awareness: Impact of Dystonia", University of Rochester
2013 – 2020	Aimee Morris, MD-PhD in Neuroscience and Medical Scientist Training Program, Dissertation Title: "Functional Brain Network Structure in Focal Embouchure Dystonia and Related Disorders", University of Rochester

#### Graduate Students – Dissertation Committees

1998 – 2000	Member, PhD Dissertation Committee, for Bradley Greger, Neuroscience Program, Washington University
1999 – 2001	Member, PhD Dissertation Committee Member, Katherine Zackowski, Movement Science Program, Washington University
2000 – 2002	Member, PhD Dissertation Committee Member, Valerie Kelly, Movement Science Program, Washington University
2007 – 2009	Member, PhD Dissertation Committee for Sarita Kishore, "The Attentional Modulation of Navigational Cue Integration by Cortical Neurons", Neurobiology and Anatomy Program, University of Rochester
2008 – 2012	Member, PhD Dissertation Committee for Vivek Khandwala, "Effects of Aging, Parkinson's Disease and Deep Brain Stimulation on Voluntary Upper Limb Movements", Biomedical Engineering Program, University of Rochester
2009 – 2011	Member, PhD Dissertation Committee, for Susan Lee. "Audiovisual Integration During Language Comprehension: The Neural Basis of Social Communication in Autism and Typical Development", Neuroscience Program, University of Rochester
2009 – 2012	Member, PhD Dissertation Committee for Youngsun Cho. "Defining Limbic Subsystems: Examining a Functional Reward Network and Cortico-

	Amygdala-Striatal Anatomic Circuits", Neuroscience Program, University of Rochester
2009 – 2012	Member, PhD Dissertation Committee for Katherine Selzler. "Subthalamic Nucleus Stimulation and Basal Ganglia Circuits: Dissociable Neurophysiological and Behavioral Effects", Neuroscience Program, University of Rochester
2009 – 2016	Member, PhD Dissertation Committee for Andrew Law. "Brain-Computer Interface Control with Small Motor Cortex Ensembles", Biomedical Engineering Program, University of Rochester
2022 – 2023	Member, PhD Dissertation Proposal Committee for Yanya Ding. "Age-related Neuropathological and Neurophysiological Changes of Auditory Processing in a Knockout Mouse Model of Juvenile Neuronal Ceroid Lipofuscinosis", Neuroscience Graduate Program.

Post-Doctoral Fellows Mentored

1998 – 2001	Fredy J. Revilla, MD, Fellow in Movement Disorders
2003 – 2004	Mary E. Jenkins, MD, Neurology Department Fellow in Pediatric Movement Disorders
2007 – 2008	Michelle Burack, MD PhD, Neurology Departmental Fellow in Movement Disorders
2008 – 2010	Erika (Fullwood) Augustine, MD, Fellow in Experimental Therapeutics and Pediatric Movement Disorders
2009 – 2010	Rebecca K. Lehman, MD, Fellow in Pediatric Movement Disorders
2009 – 2010	Jayasri Srinivasan, MD, Fellow in Pediatric Movement Disorders
2011 – 2012	Joanna Blackburn, MD, Fellow in Pediatric Movement Disorders
2012 – 2013	Tajul Arifin Tajudin, MBBS, MRCPCH, Fellow in Pediatric Movement Disorders
2017 – 2019	Jennifer (Cialone) Vermilion, MD, Fellow in Experimental Therapeutics and Pediatric Movement Disorders.
2017 – 2019	Shannon Dean, MD, PhD, Fellow in Experimental Therapeutics and Pediatric Movement Disorders
2018 – 2019	Roxana Pourdeyhimi, MD, Fellow in Pediatric Movement Disorders
2019 – 2020	Aubrey Duncan, MD, Fellow in Pediatric Neurocritical Care
2020 – 2022	Angela Hewitt, MD, PhD, Fellow in Experimental Therapeutics and Pediatric Movement Disorders
2021 – 2022	Justin Rosati, MD, Fellow in Neonatal Neurology
2022 – 2023	Afra Can, MD, Fellow in Pediatric Movement Disorders (co-mentor with Jennifer Vermilion, MD)

Courses Taught - Local

2001 – 2022	Lecturing to medical students in Mind, Brain & Behavior I course (2 hours / year), Mind, Brain & Behavior II course (6 hours/year), Primary Care Clerkship Course (3 hours / year)
2001 – 2023	Seminar presentations to Pediatrics and Neurology residents (10 hours / year)

2001 – 2023	Teaching rounds on Child Neurology service (6 – 8 weeks / year)
2001 – 2023	Lecture to Neuroscience graduate students in NSC 531 (Systems Neuroscience) - 3 hours/year
2007 – 2023	Lecture to Neuroscience graduate students in NSC 525 (Neurobiology of Disease) - 6 hours every other year
2009 – 2019	Course Director - Mind Brain & Behavior II, Basic Science Block (3rd year medical students)

#### Courses Organized – National

2004	Course Director, Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 56th Annual Meeting, San Francisco, CA
2005	Course Director, Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 57th Annual Meeting, Miami, FL
2006	Course Director, Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 58th Annual Meeting, San Diego, CA
2007	Course Director, Diagnosis and Management of Movement Disorders in Children Course, American Academy of Neurology 59th Annual Meeting, Boston, MA
2010	Course Director, Advanced Topics in Pediatric Neurology I & II, American Academy of Neurology Annual Meeting, Toronto, ON, Canada
2011	Course Director, Advanced Topics in Pediatric Neurology: Genetics and Disorders of Brain Development, American Academy of Neurology Annual Meeting, Honolulu, HI
2013	Course Director, Child Neurology I and Child Neurology II, American Academy of Neurology Annual Meeting, San Diego, CA
2014	Course Director, Child Neurology I and Child Neurology II, American Academy of Neurology Annual Meeting, Philadelphia, PA
2015	Course Director, Child Neurology I and Child Neurology II, American Academy of Neurology Annual Meeting, Washington, DC
2016	Course Director, Child Neurology I, Child Neurology II, and Child Neurology III, American Academy of Neurology Annual Meeting, Vancouver, BC, Canada

#### **COMMUNITY ACTIVITIES**

2001 – 2023	Volunteer work with local chapter and national office of the Tourette Syndrome Association
2003 – 2010	Volunteer with class activities in Pittsford Public Schools
2005 – 2008	Committee Member, Cub Scout Pack 171

#### **VISITING PROFESSORSHIPS & NAMED LECTURESHIPS**

1997	The David Bodian Seminar in Neuroscience, "The Basal Ganglia Output: Selection and Inhibition of Competing Motor Mechanisms", The Zanvyl
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Krieger Mind/Brain Institute, The Johns Hopkins University, Baltimore, MD

2003 Visiting Professor, Motor Control Mechanisms and Disease Training Program, Northwestern University, Chicago, IL

2004 2nd Annual V. Balagopal Raju Memorial Oration, "Movement Disorders in Children", Institute of Child Health and Hospital for Children, Chennai, India

2007 Visiting Professor, Neuropediatrics Unit and Department of Physiology, Shaare Zedek Hospital and Hebrew University, Jerusalem, Israel

2008 Marvin Klein, M.D. Memorial Lecture, "Movement Disorders in Children", Dept. of Pediatrics, Schneider Children's Hospital, New Hyde Park, NY

2008 27th Joseph J. Gitt Lecture, "Neural Circuits in Tourette Syndrome - Moving Toward Understanding", Dept. of Neurology, Washington University, St Louis, MO

2008 Visiting Professor for Medical Student Neuroscience Course, Medical University of South Carolina, Charleston, SC

2009 American Neurologic Association John N. Whitaker Visiting Professorship, University of North Carolina, Chapel Hill, NC

2010 Dr. Ruth W. Baldwin Visiting Professorship, University of Maryland School of Medicine, Baltimore, MD

2012 27th Philip R. Dodge Lecturer, "Adventures in Rare Disease Research: Juvenile Neuronal Ceroid Lipofuscinosis (Batten Disease)", Washington University School of Medicine, St. Louis, MO

2012 Visiting Professor, Pediatric Stroke Service, Hospital for Sick Children, Toronto, ON, Canada

2013 American Academy of Pediatrics Section on Neurology Visiting Professor, Queens University, Kingston, ON, Canada

2014 First Annual Visiting Professor Lecture, "Dystonia in Children", Akron Children's Hospital Division of Neurology, Akron, OH

2015 Visiting Professor, Departments of Pediatrics and Neurology, University of Alabama, Birmingham, Birmingham, AL

2016 Michael J. Bresnan Lecture in Children Neurology, "Dystonia in Childhood: Mechanisms and Treatments", Boston Children's Hospital and Harvard Medical School, Boston, MA

2016 Visiting Professor and Lecturer, International Symposium on Pediatric Neurology, Hospital Clinico San Borja Arriaran, Santiago, Chile.

2016 Melvin Yahr Lecture, "Basal Ganglia Mechanisms in Selection and Inhibition of Competing Behaviors", Mount Sinai School of Medicine, New York, NY

2016 Faye Sarkowsky Neurology Lecture, "Dystonia in Childhood: Recent Advances and Ongoing Challenges", Seattle Children's Hospital and University of Washington, Seattle, WA

2016 Prof. G. Arjandas Oration, "Paroxysmal Movement Disorders", The Institute of Neurology, Madras Medical College, Chennai, India

2018	James C. Overall Lecture, "Neuronal Ceroid Lipofuscinosis (Batten Disease): Developing Treatments for Rare Neurologic Diseases", Department of Pediatrics, Vanderbilt University, Nashville, TN
2018	John Stobo Prichard Visiting Professor, Division of Neurology, The Hospital for Sick Children, Toronto, ON, Canada
2018	Abby Stoddard Visiting Professor, Section of Child Neurology, Department of Pediatrics, Children's Hospital of Colorado, Denver, CO
2018	Visiting Professor, McMaster University Neurosciences Research Day, Hamilton, ON, Canada
2019	Lillian Pardo, MD Pediatric Neurology Professorship Lecture, "Paroxysmal Movement Disorders in Children", Department of Neurology, University of Kansas Medical Center, Kansas City, KS
2019	"H. Houston Merritt Lecture: Neuronal Ceroid Lipofuscinosis: Natural History Studies in Rare Neurodegenerative Disease", American Academy of Neurology 2019 Annual Meeting, Philadelphia, PA
2021	Hower Award Lecture, "On Mentors and Proteges: Standing on the Shoulders of Giants and Following Footsteps into the Future", Child Neurology Society 2021 Annual Meeting, Boston, MA
2022	Robert Surtees Lecture, "Is Phenomenology Still Important in the Era of Exome and Genome Sequencing?", 7 <sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain
2022	Hower Award Lecture, "Is Phenotype Still Important in the Era of NextGen Sequencing?", Akron Children's Hospital, Akron, OH
2022	Invited Opponent for PhD Dissertation Defense by Annika Danielsson. "Rare Pediatric Movement Disorders: Clinical Aspects of Genotype, Phenotype, and Assessment". Karolinska Institutet, Stockholm, Sweden.
2023	7 <sup>th</sup> Annual Drs. Michael E. Cohen and Patricia K. Duffner Lecturer, "Experimental Therapeutics in Batten Disease(s)", Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, Buffalo, NY

## **EXTERNAL ADVISORY / HEALTH COUNCILS & RESEARCH REVIEW COMMITTEES**

2000 – 2004	Member, Neurological Science and Disorders Initial Review Group B, National Institute of Neurological Disorders and Stroke
2001 – 2005	Member, Scientific Advisory Board, Dystonia Medical Research Foundation
2002	Temporary Member, Board of Scientific Counselors, National Institute of Neurological Disorders and Stroke
2003	Temporary Member, Brain Disorders and Clinical Neuroscience Review Group 1, Center for Scientific Review, National Institutes of Health
2003	Reviewer, Neurological Foundation of Zealand
2004	Temporary Member, Synapses and Signaling Review Group, Center for Scientific Review, National Institutes of Health
2004 – 2023	Member, Medical Advisory Board, Batten Disease Support and Research Association

2005	Ad Hoc Reviewer, The Wellcome Trust, UK
2006 – 2016	Member, Pediatric Neurotransmitter Disease Association Medical and Scientific Advisory Board
2008 – 2013	Member, Board of Scientific Counselors, National Institute of Neurological Disorders and Stroke (NINDS)
2009 – 2013	Member, Dystonia Medical Research Foundation Medical and Scientific Advisory Committee
2011 – 2015	Reviewer, Peer Reviewed Medical Research Program, U.S. Department of Defense Congressionally Directed Medical Research Programs
2012 – 2014	Member, Research Committee, American Brain Foundation
2013	Grant Reviewer, Israel Science Foundation
2013 – 2016	Member, Pediatric Advisory Committee, Food and Drug Administration of the United States
2013 – 2017	National Advisory Neurological Disorders and Stroke Council
2014	Grant Reviewer, Israel Science Foundation
2014 – 2016	Chair, Data and Safety Monitoring Board, Edison Pharmaceuticals, Inc.
2015	Grant Reviewer, Nazarbayev University Research Council, Astana, Kazakhstan
2015 – 2018	External Scientific Advisor, NIH Undiagnosed Diseases Network
2016 – 2023	Member, Child Neurologist Career Development Program (NINDS K12) National Advisory Executive Committee
2018 – 2022	Program Consultant, NIH Undiagnosed Diseases Network
2018 – 2020	Chair, Data and Safety Monitoring Board, Censa Pharmaceuticals, Inc.
2020 – 2024	Chair, Data and Safety Monitoring Board, PTC743-MIT-001-EP, PTC Therapeutics
2020 – 2023	Chair, Data and Safety Monitoring Board, PTC743-NEU-003-FA, PTC Therapeutics
2020 – present	Member, Data and Safety Monitoring Board, PTC-AADC-GT-002, PTC Therapeutics
2021 – 2024	Chair, Data and Safety Monitoring Board, PBKR03-001, PassageBio
2021 – present	Co-Chair, Steering Committee, AT-007, Applied Therapeutics
2021 – 2023	Member, NST-1 Review Committee, National Institute of Neurological Disorders and Stroke
2021	Chair, ZRG1 IDIB-B (50) Review Committee, Center for Scientific Review, National Institutes of Health
2023 – present	Member, Central Adjudication Committee, Emalex Biosciences
2024 – present	Chair, Batten Disease Support and Research Foundation Centers of Excellence Steering Committee

## CONSULTATIONS

2010 – 2012	Consultant, Pediatric Advisory Committee, Food and Drug Administration of the United States
2012 – 2015	Chair, Independent Data and Safety Monitoring Board, Edison Pharmaceuticals
2012 – 2017	Consultant, Medtronic, Inc.

2015 – 2020	Consultant, National Vaccine Injury Compensation Program
2015 – 2018	Consultant, Biomarin, Inc.
2016 – 2019	Advisor, Censa Pharmaceuticals
2016 – 2018	Consultant, XoNovo Ltd.
2017 – 2021	Consultant, Abide Therapeutics, Inc.
2017 – 2023	Consultant, Teva Branded Pharmaceutical Products R&D, Inc.
2018	Advisor, bluebird bio, Inc.
2018 –	Consultant, Sumitomo Dainippon Pharma Co., Ltd
2023 –	Consultant, Neurogene Inc.

## **EDITORIAL ASSIGNMENTS IN PROFESSIONAL JOURNALS**

### ***Ad hoc reviews for:***

*Annals of Neurology, Brain, Cerebral Cortex, Developmental Medicine and Child Neurology, Epileptic Disorders, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Neurophysiology, Journal of Neuroscience, Journal of Pediatric Neurology, Lancet Child & Adolescent Medicine, Lancet Neurology, Movement Disorders, Nature Reviews Neuroscience, Neurobiology of Disease, Neuroscience*

### **Editorial Assignments**

#### Editorial Board

2004 – 2013	<i>Continuum: Lifelong Learning in Neurology</i>
2007 – 2023	<i>Pediatric Neurology</i>
2007 – present	<i>Journal of Child Neurology</i>
2014 – present	<i>Journal of the International Child Neurology Association</i>
2014 – 2021	<i>Journal of Clinical Movement Disorders</i>
2021 – present	<i>Dystonia</i>
2022 – present	<i>Annals of the Child Neurology Society</i>

#### Associate Editor

2001 – 2006	<i>Neurology</i>
2008 – 2020	<i>Neurology</i>
2013 – 2019	<i>Continuum: Lifelong Learning in Neurology</i>

#### Guest Editor

2009 (June issue)	<i>Seminars in Pediatric Neurology</i>
2023	<i>Frontiers in Pharmacology, Research Topic: Neuronal Ceroid Lipofuscinosis: Molecular Genetics &amp; Epigenetics</i>

#### Ombudsman

2020 – 2023	<i>Neurology</i>
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## **GRANTS & CONTRACTS**

### **As Principal Investigator / Co-Principal Investigator**

**08/01/2020 – 01/31/2023** Foxe JJ and Mink JW (Co-PIs), P50HD103536, “University of Rochester Intellectual and Developmental Disabilities Research Center”. The major goal of this project is to support research on intellectual and developmental disabilities across the lifespan. The University of Rochester IDDRC establishes the essential scientific Core infrastructure and administrative architecture to cohere the exceptional talents of 105 IDD investigators around five highly interlinked research cluster thematic foci, and articulates a clear purpose for our coordinated efforts – to serve persons with IDD to the best of our abilities, placing their interests at the heart of our research enterprise. Through a concerted effort across basic, translational and clinical investigators, we have set ourselves the clear goal of providing actionable clinical solutions for our IDD community. We will partner with our IDD community to communicate our work, and our passion, in a manner that is culturally competent, inclusive, and publicly oriented.

**01/01/2022 – 1/31/2023** Mink JW (Site PI), CLN5-200: “Phase 1/2 intracerebroventricular and intravitreal administration of NGN-CLN5 for treatment of CLN5 disease”, Neurogene, Inc. The goal of this project is to test whether AAV9 mediated gene therapy is safe and well-tolerated in the CLN5 variant of NCL (Batten disease).

**05/01/2020 – 01/31/2023** Mink JW (Site PI), CLN-100, “A Natural History and Outcome Measure Discovery of Variant Late Infantile Neuronal Ceroid Lipofuscinosis Type 5 (CLN5) and Variant Late Infantile Neuronal Ceroid Lipofuscinosis Type7 (CLN7)”, Neurogene, Inc. The goal of this project is to evaluate the natural history and to test potential outcome measures in the CLN5 and CLN7 variants of NCL (Batten disease).

**06/01/2018 – 05/31/2022** Mink JW (Site PI), CNS-30047, “An Open-Label, Long-Term Safety Study Including a Double-blind, Placebo-controlled, Randomized Withdrawal Period of TEV-50717 (deutetrabenazine) for the Treatment of Tourette Syndrome in Children and Adolescents”, Nuvelution TS Pharma Inc. The goal of this project is to evaluate the safety and tolerability of long-term therapy with TEV-50717 and to evaluate the efficacy of long-term therapy with TEV-50717 in reducing the severity of Tourette Syndrome tics.

**03/22/2018 – 01/31/2020** Mink JW (Site PI), CNS-30046, “A Randomized, DB, PC Study of TEV-50717 (deutetrabenazine) for the Treatment of Tourette Syndrome in Children and Adolescents”, Nuvelution TS Pharma Inc. The purpose of this study is to evaluate the efficacy of TEV-50717 in the treatment of tics in youth with Tourette Syndrome.

**03/21/2018 – 03/21/2020** Mink JW (PI), “Clinical Trial Planning for CLN3 Disease”, Beyond Batten Disease Foundation. The major purpose of this study is to prepare for a clinical trial of trehalose for disease modification in CLN3 disease (Juvenile Batten Disease).

**04/1/2015 – 09/30/2019** Mink JW (PI) “Natural History And Biorepository Database for INCL and LINCL”, Batten Research Alliance. The major goal of this study is to collect natural history data on Infantile and Late-infantile NCL and link them with biorepository samples to improve knowledge of the pathobiology and natural history of these forms of Batten Disease.

**06/1/2015 – 05/31/2019** Mink JW (PI) “University of Rochester Tourette Association of American Center of Excellence”, Tourette Association of America. The purpose of this project is to maintain a Tourette Syndrome Center of Excellence in Research, Clinical Care, and Education. Role: PI

**01/10/2016 – 03/31/2019** Mink JW (PI), “Natural History Databases for Batten Disease”, Noah’s Hope Foundation. The purpose of this project is to align natural history and biorepository databases to develop a single unified international registry for all forms of Batten Disease.

**05/11/2015 – 12/31/2017** Mink JW (PI), GR503091, “Resting State Functional Connectivity MRI in Musicians with Embouchure Dystonia”. Schmitt Program on Integrative Brain Research. The purpose of this project is to develop methodology to quantify the severity of focal embouchure dystonia in brass musicians and to determine changes in resting functional connectivity MRI associated with this condition.

**02/01/2016 - 06/30/2017** Mink JW (Project PI), U54 TR001456 (Overall PI: Jinnah H), “Natural History and Biorepository for the Isolated Dystonias: Pilot Study of Dystonia Rating Scales in Children with Primary (Isolated) Dystonia”, NIH/NCATS. The purpose of this project is to determine the validity and reliability of the Global Dystonia Rating Scale in children with isolated dystonia. It is a pilot project in the Dystonia Coalition Rare Disease Clinical Research Consortium.

**07/01/2009 – 06/30/2015** Mink JW (PI), K12 NS066098, “University of Rochester Child Neurology Academic Development Program”, NIH/NINDS. The purpose of this project is to support the academic career develop of physician-scientist child neurologists.

**07/01/2013 – 09/30/2014** Mink JW (PI), “Task-Specific Dystonia in Musicians”, Provost Multidisciplinary Award, University of Rochester. The purpose of this project is to study motor performance in musicians with task-specific dystonia.

**07/01/2009 – 06/30/2009** Mink JW (Project PI), U54 NS065768 (Overall PI: Whitley C), “Longitudinal Studies in Batten Disease”, NIH/NINDS. The purpose of this project is to quantify the natural history of CLN3 Batten Disease. It is a project in the Lysosomal Disease Rare Disease Clinical Research Consortium.

**04/10/2000 – 02/28/2013** Mink JW (PI), R01NS039821, “Pathophysiology of Dystonia and Parkinsonism”, NIH/NINDS. The purpose of this project is to investigate the activity of globus pallidus neurons in a primate model of dystonia and parkinsonism.

**08/01/2007 – 12/31/2012** Mink JW (PI), R01NS060022, “Clinical and Neuropsychological Investigations in Batten Disease”, NIH/NINDS. The purpose of this project is to characterize and quantify the neurology and cognitive phenotypes of CLN3 Batten Disease.

**09/30/2009 – 09/29/2012** Mink JW (PI), U01 DD000510, “Impact of Tics”, CDC/NCBDD. The purpose of this project is to evaluate the impact of tic disorders on the individual, the family, and the community.

**04/01/2005 – 03/31/2010** Mink JW (Project PI), “Basal Ganglia - Cortical Interactions in Motor Control”, P01 NS048328 (Overall PI: Schieber MH), NIH/NINDS. The purpose of this study is to evaluate the neurophysiological interactions between basal ganglia and supplementary motor area. It is a project in a Program Project grant on interactions in the motor system.

**07/01/2005 – 06/30/2006** Mink JW (PI), “Validation and Training of the Unified Batten Disease Rating Scale”, Batten Disease Support and Research Association. The purpose of this project is to validate and develop a training process for a disease-specific rating scale for Batten Disease.

**06/19/2000 – 05/31/2005** Mink JW (PI), “Pathophysiology of Chorea”, R21 NS040086, NIH/NINDS. The purpose of this project is to investigate basal ganglia neuronal activity in an animal model of chorea.

**07/01/2004 – 06/30/2005** Mink JW (PI), “Batten Disease Diagnostic and Clinical Research Center”, Batten Disease Support and Research Association. The purpose of this project is to establish a Batten Disease Center of Excellence.

**05/01/2000 – 04/30/2001** Mink JW (PI), “Preclinical Model of Tics”, Tourette Syndrome Association. The purpose of this project is to develop a preclinical model of tic disorders.

**09/01/1995 – 05/31/2000** Mink JW (PI), “Basal Ganglia Control of Posture and Movement”, K08 NS01808, NIH/NINDS. The purpose of this K08 Career Development Award is to test the hypothesis that the basal ganglia act to select and inhibit competing motor mechanisms.

## Other Roles

**09/08/2021 – 01/31/2023** Giza, C (PI) “Endophenotypes of Persistent Post-Concussive Symptoms in Adolescents: CARE4Kids”. U54NS121688, NIH/NINDS. The goal of this project is to develop a predictive algorithm for PPCS endophenotypes in early and middle adolescents (EMA) to inform clinical screening, management and future research. Role: Site Co-Investigator

**04/01/2019 - 01/31/2023** Singh R (PI) “Determining the Role of CLN3 in the Eye”. R01EY030183, NIH/NEI. This project will investigate retinal the disease mechanisms underlying vision loss in Juvenile neuronal ceroid lipofuscinosis (JNCL), a disease caused by mutations in the CLN3 gene, leading to neurodegeneration and vision loss in early childhood. Role: Co-Investigator.

**12/01/2018 – 11/30/2023** Augustine EF (PI), “Meaningful Outcomes and Multi-Site Readiness for Clinical Trials in Juvenile Neuronal Ceroid Lipofuscinosis”. U01 NS101946, NIH/NINDS. This project will validate sensitive measures of how patients feel and function, validate

neuroimaging biomarkers of disease progression, and prepare these tools for multi-site use to set the stage for rigorous and efficient clinical trials in CLN3 disease. Role: Co-Investigator.

**09/01/2018 – 08/31/2023** Holloway RG (PI), “University of Rochester Clinical Site within the NEXT Network of Clinical Trials”, U24 NS107165, NIH/NINDS. The goal of this project is to partner with other centers and the NIH, and to work with the Data and Clinical Coordination Center, to implement and develop early-stage clinical trials, covering a broad range of disease entities, whether from academic, foundation or industry discoveries. Role: Co-Investigator and Co-Director of the Career Enhancement Program.

**09/01/2016 – 12/31/2018** Augustine EF (PI), “Batten Disease Clinical Trial Design”, Abeona Therapeutics. The goal of this study is to develop clinical trial programs for novel therapeutics in Neuronal Ceroid Lipofuscinoses. Role: Co-Investigator.

**10/02/2017 – 5/31/2019** Sulkes S (PI), “Developing a Rapid Tic Screening Process for Implementation in a Developmental and Behavioral Pediatric Clinic”, CDC / Association of University Centers on Disabilities. The purpose of this project is to expand the capacity of the Developmental and Behavioral Pediatrics clinical providers to evaluate tics, and to pilot a method for implementation of a rapid tic screening tool (Parent MOVE-IT) in a naturalistic, pediatric clinic setting. Role: Co-Investigator.

**09/01/2011 – 08/31/2018** Holloway RG (PI), “University of Rochester Clinical Site within the NEXT Network of Clinical Trials”, U01 NS077265, NIH/NINDS. The goal of this project is to partner with other centers and the NIH, and to work with the Data and Clinical Coordination Center, to implement and develop early-stage clinical trials, covering a broad range of disease entities, whether from academic, foundation or industry discoveries. Role: Co-Investigator.

**09/30/2016 – 12/31/2017** Adams HR (PI), “Screening for Tics and Tic Disorders”, U01 DD001007, CDC/NCBDD. The goal of this project is to improve identification of tics, tic disorders, and co-occurring conditions in children, by evaluating new screening and diagnostic measures. Role: Co-Investigator.

**12/01/2015 – 06/30/2017** Augustine EF (Site PI), “A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Safety and Efficacy of NBI-98854 in Pediatric Subjects with Tourette Syndrome”, NBI-98854-1501, Neurocrine Biosciences. The goal of this study is to assess the safety and tolerability of repeated daily doses of NBI-98854 in pediatric subjects with Tourette Syndrome. Role: Site Co-Investigator.

**07/01/2011 – 05/31/2016** Augustine EF (PI), “Trial of Mycophenolate in Children with JNCL Cellcept study”, Batten Disease Support and Research Association (BDSRA). The purpose of this study is to evaluate the safety and tolerability of mycophenolate mofetil in children with CLN3 Batten Disease. Co-funding with FDA grant listed below. Role: Co-Investigator.

**07/01/2011 – 05/31/2016** Augustine EF (PI), “Trial of Mycophenolate in Children with JNCL Cellcept study”, R01FD00390, U.S. Food and Drug Administration. The purpose of this study is to

evaluate the safety and tolerability of mycophenolate mofetil in children with CLN3 Batten Disease. Co-funding with BDSRA FDA grant listed above. Role: Co-Investigator.

**09/01/2015 – 03/30/2016** Augustine EF (PI), “Batten Disease Clinical Trial Design”, Abeona Therapeutics, Inc. The goal of this study is to develop clinical trial programs for novel therapeutics in Neuronal Ceroid Lipofuscinoses. Role: Co-Investigator.

**01/01/2008 – 12/31/2010** Hyman S (PI), “Autism Treatment Network Site”, Autism Treatment Network. The purpose of this project is to participate as a site in the Autism Treatment Network in the development of standard for assessment and care of children with autism.

**04/01/2001 – 07/31/2010** Perlmutter JS (PI), “Mechanisms of Deep Brain Stimulation”, R01 NS41509, NIH/NINDS. The purpose of this project is to investigate with PET imaging the mechanism of action of deep brain stimulation in essential tremor and Parkinson Disease. Role: Co-Investigator.

**07/01/2005 – 06/30/2010** Perlmutter JS (PI), “Carboxyfullerene treatment of MPTP-induced parkinsonism”, R01 NS050425, NIH/NINDS. The purpose of this project is to evaluate whether carboxyfullerene has neuroprotective effects in MPTP-induced parkinsonism. Role: Co-Investigator.

**04/01/2005 – 03/31/2010** Jinnah HA (PI), “Neurobiology of Dystonia”, R01 NS040470, NIH/NINDS. The purpose of this project is to determine whether pharmacologic activation or inactivation of cerebellar cortex causes dystonia in a non-human primate. Role: Co-Investigator.

**07/01/2003 – 06/30/2008** Rodier P (PI), “Genotype and phenotype of response to treatments of autism”, U54-MH66397, NIH/NIMH. The purpose of this project is to characterize the function of cranial nerves in children with autism. Role: Co-Investigator.

**09/01/2001 – 08/31/2004** Perlmutter JS (PI), “Rescue from Nigrostriatal Injury”, R01 NS39913, NIH/NINDS. The purpose of this project is to evaluate neuroprotection strategies in a primate model of Parkinson Disease. Role: Co-investigator.

**01/01/2002 – 12/31/2003** Sanger TD (PI), “Childhood Hypertonia of Cerebral Origin: an Open-Label Trial of Anticholinergic Treatment Effects”, Carter Crowley Foundation. The purpose of this project is to evaluate trihexyphenidyl for treating dystonia in children with cerebral palsy. Role: Site Investigator.

**07/01/2000 – 06/30/2001** Black KJ (PI), “A Pilot Study of Levodopa for Treatment of Tics in Children and Adults”, Tourette Syndrome Association. The purpose of this project is to determine if levodopa has potential for therapeutic benefit in Tourette Syndrome. Role: Co-Investigator.

**PRESENTATIONS** \*denotes trainee / supervisee  
**National & International Conferences**

1978 Blumenschine RJ, Mink JW, Adams, DB. Basal metabolism predicts size of vertebrate CNS. Poster Presentation, Society for Neuroscience Annual Meeting, St. Louis, MO

1980 Blumenschine RJ, Mink JW, Adams DB. Functional Basis for the ratio of CNS to body metabolism in vertebrates. Poster Presentation, American Association for the Advancement of Science Annual Meeting, San Francisco, CA

1980 Mink JW, Adams DB, Sinnamon HM. Activity of single neurons in the basal forebrain during socially motivated approach and other locomotion. Poster Presentation, Society for Neuroscience Annual Meeting, Cincinnati, OH

1981 Parker SM, Russo RC, Mink JW, Sinnamon HM. Forward locomotion in the diencephalon and mesencephalon mapped by electrical stimulation. Poster Presentation, Society for Neuroscience Annual Meeting, Los Angeles, CA

1983 Mink JW, Thach WT. Cocontraction of antagonist muscles during training of wrist movements in monkeys. Poster Presentation, Society for Neuroscience Annual Meeting, Boston, MA

1984 Kane SA, Mink JW, Thach WT. A mathematical analysis of movement following perturbation during hold-ramp-hold wrist movements in the monkey. Poster Presentation, Society for Neuroscience Annual Meeting, Anaheim, CA

1984 Mink JW, Kane SA, Thach WT. Agonist-antagonist muscle activity in oscillation after torque-pulse perturbation of the monkey's wrist. Poster Presentation, Society for Neuroscience Annual Meeting, Anaheim, CA

1984 Thach WT, Mink JW, Kane SA. Cerebellar Purkinje cells have bidirectional discharge during ramp tracking and phasic modulation during oscillation of the monkey's wrist. Poster Presentation, Society for Neuroscience Annual Meeting, Anaheim, CA

1985 Mink JW, Thach WT. Globus pallidus neurons related to parameters and modes of movement. Poster Presentation, Society for Neuroscience Annual Meeting, Dallas, TX

1985 Thach WT, Mink JW, Kane SA. Directional and bidirectional signals for movement control in pallidal and cerebellar neurons. Poster Presentation, Society for Neuroscience Annual Meeting, Dallas, TX

1986 Kane SA, Mink JW, Shehaitly M, Fineberg CM, Thach WT. Adjustable damping of oscillation during movements made against viscous, constant, and thixotropic torque loads in monkey and man. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

1986 Mink JW, Thach WT. Timing of EMG, Globus Pallidus and Cerebellum Neuron Activity in Relation to Initiation and Termination of Step-Tracking Wrist Movement. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

1987 Mink JW, Thach WT. The effect of pallidal inactivation on trained wrist movements in the monkey. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

1988 Kane SA, Mink JW, Thach WT. Fastigial, interposed, and dentate nuclei: Somatotopic organization and the movements differentially controlled by each. Poster Presentation, Society for Neuroscience Annual Meeting, Toronto, CA

1995 Keating JG, Martin TA, Mink, JW, Thach WT. Gaze direction plays a role in guiding a natural but not an instrumented wrist movement. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

1995 Mink JW, \*Bateman RJ, Thach WT. Inhibition of the long-latency stretch reflex during rapid step-tracking wrist movement in humans and monkeys. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

1996 Bastian AJ, Mink JW, Dromerick AW, Thach WT. Specificity of reaching deficits from damage to different motor structures. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

1996 Mink, JW. Slowing of wrist movement and impaired ability to turn off active muscles following inactivation of globus pallidus pars interna (GPi): localization of effective sites. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

1997 Mink JW, Videen TO, Perlmuter JS. A new technique for combined pet neuroimaging and electrophysiologic investigation of the primate basal ganglia. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

1998 Bastian AJ, Mink JW, \*Kelly V, Flekal J. Additive effects of l-dopa and pallidotony on the kinematics of walking but not reaching. Poster Presentation, Society for Neuroscience Annual Meeting, Los Angeles, CA

1998 Mink JW, \*Karpitskaya Y, \*Wenger K, Flekal J. The pallidotomy paradox: Different motor effects of globus pallidus lesions in normal and parkinson's disease brains. Poster Presentation, Society for Neuroscience Annual Meeting, Los Angeles, CA

1998 Perlmuter JS, Mink JW, Videen TO, Miyawaki E, Bastian AJ, Busenbark, KL, McGee-Minnich L, \*Zackowski K, Koller WC. Blood flow responses in essential tremor and thalamic stimulation. Poster Presentation, American Academy of Neurology Annual Meeting, Minneapolis, MN

2000 \*Zackowski KM, Bastian AJ, Mink JW, Hakimian S, Thach WT. Coordination deficits in finger movements after cerebellar damage. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

2001 Mink JW, \*Wenger KK. Loss of direction specificity in SMA neurons after GPi inactivation. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2001 \*Revilla FJ, Perlmuter JS, Loepker A, Mink JW. Effect of thalamic stimulation frequency on tremor amplitude in humans. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2002 \*Revilla FJ, Dowling JL, Rich KM, Loepker A, Perlmuter JS, Mink JW. Clinical outcome of bilateral subthalamic nucleus stimulation in patients with Parkinson's disease. Poster Presentation, Movement Disorders Society International Congress, Miami Beach, FL

2002 Mink JW. Quantitative kinematic analysis of chorea. Poster Presentation, Movement Disorders Society International Congress, Miami Beach, FL

2002 \*Revilla FJ, Mink JW, Rich KM, Dowling JL, Loepker A, Perlmuter JS. Clinical outcome of bilateral subthalamic nucleus stimulation in patients with Parkinson's

disease and previous pallidotomy. Poster Presentation, Movement Disorders Society International Congress, Miami Beach, FL

2002 Sanger TD, Delgado MR, Dure L, Gaebler-Spira D, Hallett M, Mink JW. Task force on childhood motor disorders consensus report: Classification and definition of hypertonic disorders in childhood. Poster Presentation, Movement Disorders Society International Congress, Miami Beach, FL

2002 \*Chao A, Abrams RA, Mink JW. Spatial working memory is normal in PD and does not change with levodopa administration. Poster Presentation, American Academy of Neurology Annual Meeting, Denver, CO

2002 Mink JW, \*Kelly VE, Bastian AJ. Effects of pallidotomy and STN stimulation on reaching and walking in PD. Poster Presentation, American Academy of Neurology Annual Meeting, Denver, CO

2002 Mink JW, \*Chao A, Abrams RA. No impairment of spatial working memory in Parkinson disease. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2002 Perlmuter JS, Hershey T, Revilla F, Loepker A, McGee-Minnich L, Antenor J, Videen T, Mink JW. Subthalamic nucleus stimulation reduces blood flow in widespread cortical regions. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2002 \*Revilla FJ, Mink JW, Boero J, Loepker A, Hershey T, Perlmuter JS. Effects of unilateral & bilateral subthalamic stimulation on gait in Parkinson disease. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2003 \*Fullwood E, \*Goldstein J, Mink JW. Masturbation presenting as a movement disorder in young girls. Poster Presentation, Child Neurology Society Annual Meeting, Miami Beach, FL

2003 Revilla FJ, Dowling JL, Rich KM, Boero J, Loepker A, Schneider P, Mink JW, Perlmuter JS. Role of intraoperative electrophysiological mapping in subthalamic nucleus deep brain stimulation of patients with PD: minimally invasive approach and clinical outcome. Poster Presentation, American Academy of Neurology Annual Meeting, Honolulu, HI

2003 Hershey T, Revilla F, Loepker A, McGee-Minnich L, Antenor J, Videen TO, Mink JW, Perlmuter JS. Deep brain stimulation of human subthalamic nucleus: mechanism of action. Poster Presentation, American Academy of Neurology Annual Meeting, Honolulu, HI

2003 \*Levy EJ, \*Semrau J, \*McDonough TL, Mink JW. Kinematics of chorea in Huntington disease. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

2003 Mink JW, Croce J, Moerlein S, Antenor J, Perlmuter JS. Globus pallidus activity in a primate model of dystonia and parkinsonism. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2004 Adams, H., de Blieck, E., Dure, L., Marshall, F., Mink, J.W., DeYoung, J., \*Levy, E., Ramirez-Montealegre, D. and Pearce, D.A. Obsessive/compulsive symptoms in Juvenile Neuronal Ceroid Lipofuscinosis (Batten Disease). Poster Presentation, Child Neurology Society Annual Meeting, Ottawa, ON, Canada

2004 \*Jenkins ME, Mink JW. Kinematic and EMG Analysis of Limb Movement in Children with Dystonia. Poster Presentation, Child Neurology Society Annual Meeting, Ottawa, ON, Canada

2004 Marshall FJ, de Blieck E, Mink JW, Dure LS, Adams H, McDermott M, Messing S, Levy E, McDonough T, DeYoung J, Wang M, Pearce DA. Unified Batten Disease Rating Scale: Description and Reliability. Poster Presentation, Child Neurology Society Annual Meeting, Ottawa, ON, Canada

2004 \*Neary AC, Vierhile A, Mink JW. Benefit of Selective Serotonin Reuptake Inhibitors is Greater for Comorbid Anxiety Than for Obsessive-Compulsive Behaviors in Tourette Syndrome. Poster Presentation, Child Neurology Society Annual Meeting, Ottawa, ON, Canada

2004 Adams, H., de Blieck, E., Dure, L., Marshall, F.J., Mink, J. and Pearce, D.A. Neuropsychological and behavioral symptoms in Juvenile Neuronal Ceroid Lipofuscinosis (NCL-3; Batten's Disease). Poster Presentation, American Academy of Neurology Annual Meeting, San Francisco, CA

2004 Antenor JV, Tabbal SD, Moerlein S, Carl J, Mink JW, Perlmuter JS. Transient Dystonia Is Observed In MPTP-Induced Striatal Dopamine Deficiency In Several Primate Species. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2004 \*Jenkins ME, Mink JW. EMG And Kinematic Analysis of Arm Movements In Childhood Dystonia. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2004 Ushe M, Mink JW, Revilla FJ, Tabbal S, Wernle A, Schneider Gibson P, Hong M, Perlmuter JS. Unilateral STN Stimulation Reduces Rigidity Bilaterally. Poster Presentation, Society for Neuroscience Annual Meeting, Orlando, FL

2004 \*Jenkins ME, Mink JW. Kinematic analysis of a reach-grasp-drink task in children with primary dystonia and age-matched controls. Poster Presentation, Movement Disorders Society International Congress, Rome, Italy

2004 Mink JW, Moerlein S, Perlmuter JS. Pallidal activity in a monkey model of dystonia and parkinsonism. Poster Presentation, Movement Disorders Society International Congress, Rome, Italy

2004 Tabbal SD, Mink JW, Perlmuter JS. MPTP-induced dopamine denervation causes transient dystonia in several primate species. Poster Presentation, Movement Disorders Society International Congress, Rome, Italy

2004 Ushe M, Hong M, Mink JW, Revilla F, Dowling JL, Perlmuter JS. Effects of bilateral and unilateral subthalamic nucleus deep brain stimulation on Parkinson disease symptoms. Poster Presentation, Movement Disorders Society International Congress, Rome, Italy

2005 Mink JW, \*Semrau J, \*Guillet A. Globus Pallidus Activity in a Bimanual Reaching Task. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

2005 Ushe M, Tabbal S, Mink JW, Schneider Gibson P, Perlmuter JS. VIM DBS tremor suppression is dependent on frequency. Poster Presentation, Movement Disorders Society International Congress, New Orleans, LA

2006 Kwon J, Adams H, Marshall F, de Blieck E, Rothberg P, Vierhile A, \*Stachowski E, Pearce D, Mink J. Quantifying Early Declines in Cognitive and Motor Performance in JNCL. Poster Presentation, Child Neurology Society Annual Meeting, Pittsburgh, PA

2007 Duffner P, Adams D, Andriola M, Arnold G, Aron A, Caggana M, Ciafaloni E, Cohen M, Crosley C, Diaz G, Djukic A, Erbe R, Helton L, Kolodny E, Kosofsky B, Kronn D, Kurtzberg J, Kwon J, Levy P, Mink J, Moser H, Naidich T, Orsini J, Parton P, Patterson M, Pellegrino J, Rothman S, Wasserstein M, Wenger D. A consensus protocol for the clinical and neurodiagnostic evaluation of infants with positive newborn screens for Krabbe disease. Poster Presentation, Child Neurology Society Annual Meeting, Quebec City, PQ, Canada

2007 Mink JW, \*Levy EJ, Newhouse N, \*Semrau JA. Kinematic and EMG Patterns in Chorea. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2007 \*Statnikova I, \*Kittelberger K, Jinnah HA, Mink JW. Effect of cerebellar nucleus inactivation on reaching and grasping. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2007 Mink JW, Semrau J, \*Gillet A. Globus pallidus activity in a bimanual reaching task in monkeys. Poster Presentation, International Basal Ganglia Society 9th Triennial Meeting, Egmond aan Zee, Netherlands

2007 Mink JW, Semrau J, \*Levy E, Newhouse N. Kinematics and EMG in Human Chorea. Poster Presentation, International Basal Ganglia Society 9th Triennial Meeting, Egmond aan Zee, Netherlands

2007 Mink JW, Semrau J, Perlmutter JS. Globus pallidus discharge properties in a primate model of dystonia and parkinsonism. Poster Presentation, International Basal Ganglia Society 9th Triennial Meeting, Egmond aan Zee, Netherlands

2008 Kwon J, Marshall F, Adams H, Rothberg P, deBlieck E, Vierhile A, Pearce D, \*Levy E, Mink JW. The UBDRS Predicts Rate of Batten Disease Progression: Implications for Clinical Trials. Poster Presentation, Child Neurology Society Annual Meeting, Santa Clara, CA

2008 \*Levy E, Mink JW. Coprolalia and copropraxia in tic disorders. Poster Presentation, Child Neurology Society Annual Meeting, Santa Clara, CA

2008 Sanger TD, Chen D, Delgado MR, Gaebler-Spira D, Hallett M, Mink JW and the Taskforce on Childhood Motor Disorders. Definition and Classification of Movement Disorders in Children. Poster Presentation, Child Neurology Society Annual Meeting, Santa Clara, CA

2009 Williams RE, Mole S, Simonati A, Mink J, Goebel H, Kohlschütter A, Niezen-de Boer R, van Diggelen O, Noher de Helac I, Ribeiro MG, Boustany R. Proposed diagnostic algorithms for the diagnosis of neuronal ceroid lipofuscinosis in children. Poster Presentation, 12th International Congress on Neuronal Ceroid Lipofuscinosis, Hamburg, Germany

2009 Adams HR, Mink JW, Jordan R, Kwon J, Marshall F, Vierhile A, deBlieck EA, Pearce DA. Further validation of a clinical rating scale for Batten disease. Poster Presentation, 12th International Congress on Neuronal Ceroid Lipofuscinosis, Hamburg, Germany

2009 \*Augustine EU, Mink JW. Anticipation in DYT1 dystonia. Poster Presentation, 13th International Congress of Parkinson's Disease and Movement Disorders, Paris, France

2009 \*Burack MA, Falcone KR, Mink JW. Interaction of chorea and reaching: A kinematic analysis. Poster Presentation, Society for Neuroscience Annual Meeting, Chicago, IL

2009 \*Khandwala VJ, \*Burack M, LeBlanc J, Mink J, Gdowski G, Gdowski, MJ. Upper limb kinematics and joint angle patterns during subthalamic nucleus deep brain stimulation treatment for Parkinson's disease. Poster Presentation, Society for Neuroscience Annual Meeting, Chicago, IL

2009 \*Levy EJ, Mink JW. Coprolalia and copropraxia in tic disorders. Poster Presentation, 5th International Scientific Symposium on Tourette Syndrome, New York, NY

2009 Vierhile, A, \*Levy E, Mink J. Coprolalia and copropraxia: What are the true incidences in a Tourette syndrome population. Poster Presentation, 5th International Scientific Symposium on Tourette Syndrome, New York, NY

2009 Williams RE, Mole S, Elleder M, Goebel H, Kohlschütter A, Niezen-de Boer R, Boustany R, Simonati A, Mink J, Steinfeld R. Proposal for a new classification system for the NCLs. Poster Presentation, 12th International Congress on Neuronal Ceroid Lipofuscinosis, Hamburg, Germany

2010 Adams HR, Adams MJ, Newhouse N, \*Levy EA, deBlieck EA, Vierhile A, Marshall FJ, Kwon JM, Mink, JW. Neurocognitive decline in Juvenile-onset Batten Disease as a function of cognitive domain. Poster Presentation, 11th International Child Neurology Congress, Cairo, Egypt

2010 \*Srinivasan J, Perlmutter JS, Klein C, Flores H, Cairns N, Moerlein S, Mink JS. Secondary parkinsonism following cancer treatment in a genetically predisposed child. Poster Presentation, 11th International Child Neurology Congress, Cairo, Egypt

2011 Adams H, \*Augustine E, \*Cialone J, Newhouse N, Vierhile A, deBlieck E, Marshall F, Mink J, Kwon J, Rothberg P. Sex differences in clinical progression and quality of life in juvenile neuronal ceroid lipofuscinosis. Poster Presentation, 7<sup>th</sup> WORLD Symposium, Las Vegas, NV

2011 \*Cialone J, \*Augustine EF, Newhouse NJ, Vierhile A, Marshall FJ, Mink JW. Feasibility and reliability of telemedicine administration of the Unified Batten Disease Rating Scale. Poster Presentation, 7<sup>th</sup> WORLD Symposium, Las Vegas, NV

2011 Mink JW, \*Augustine EF, Adams H, Newhouse NJ, Vierhile A, deBlieck EA, \*Cialone J, Marshall FJ. A phase II, randomized, controlled trial of Mycophenolate Mofetil in children with juvenile NCL (JNCL). Poster Presentation, 7<sup>th</sup> WORLD Symposium, Las Vegas, NV

2011 \*Cialone J, Adams HR, \*Augustine EF, Kwon JM, Marshall FJ, Vierhile A, Newhouse NJ, deBlieck E, Rothberg PG, Mink JW. Sex differences in juvenile neuronal ceroid lipofuscinosis. Poster Presentation, American Academy of Neurology Annual Meeting, Honolulu, HI

2011 \*Cialone J, \*Augustine EF, Mink JW. Globus pallidus DBS for DYT1 dystonia in young children. Poster Presentation, Third International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2011 \*Cialone J, \*Augustine EF, Newhouse N, Adams H, Vierhile A, Marshall FJ, de Blieck EA, Kwon JM, Rothberg PG, Mink JW. Parent-reported benefits of flupirtine in Juvenile Batten Disease (CLN3) are not supported by quantitative data. Poster Presentation, Child Neurology Society Annual Meeting, Savannah, GA

2011 \*Pandika V, \*Srinivasan J, Mink JW. Kinematics of essential tremor and enhanced physiologic tremor in children. Poster Presentation, Child Neurology Society Annual Meeting, Savannah, GA

2011 Mink JW, \*Cialone J, \*Augustine EF. Globus pallidus DBS for DYT1 dystonia in young children. Poster Presentation, Child Neurology Society Annual Meeting, Savannah, GA

2011 \*Cialone J, \*Augustine EF, Newhouse N, Vierhile A, Marshall FJ, Mink JW. Feasibility and reliability of telemedicine administration of the Unified Batten Disease Rating Scale: a powerful tool for rare disease research. Poster Presentation, Child Neurology Society Annual Meeting, Savannah, GA

2011 Vierhile A, Adams HR, \*Augustine EF, \*Cialone J, Kwon JM, Marshall F, Newhouse N, deBlieck E, Rothberg P, Mink J. Sex differences in clinical progression and quality of life in Juvenile Neuronal Ceroid Lipofuscinosis. Poster Presentation, Child Neurology Society Annual Meeting, Savannah, GA

2011 Murphy TK, Lewin AB, Bitsko RH, Mink JW, Storch EA, \*Augustine EF, Jung L, Vierhile A, Adams HR, Scahill LD. Utility of the Diagnostic Interview Schedule for Children (DISC) for Assessing Tic Disorders in Children. Poster Presentation, American Academy of Child and Adolescent Psychiatry Annual Meeting, Toronto, ON, Canada

2011 \*Statnivoka I, Mink JW. Basal ganglia role in suppression or facilitation of competing movement strategies. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

2012 Augustine E, Newhouse N, Adams H, Vierhile A, Kwon J, Marshall F, Mink J. Epilepsy in Juvenile Neuronal Ceroid Lipofuscinosis is usually characterized by well-controlled generalized tonic-clonic seizures. Poster Presentation, 8<sup>th</sup> WORLD Symposium, San Diego, CA

2012 \*Cialone J, \*Blackburn, J, Mink J. Trihexyphenidyl has cognitive side effects in children with DYT1 dystonia. Poster Presentation, American Academy of Neurology Annual Meeting, New Orleans, LA

2012 \*Cialone J, Mink J. Globus pallidus deep brain stimulation provides benefit and allows medication reduction in young children. Poster Presentation, International Child Neurology Congress, Brisbane, Australia

2012 \*Srinivasan J, \*Pandika V, Mink J. Kinematics of tremor in children. Poster Presentation, International Child Neurology Congress, Brisbane, Australia

2012 Mink JW, \*Hall CJ, \*Nicholson T. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

2012 \*Statnikova I, Mink JW. GPi is involved at multiple tasks levels in selection and inhibition of competing motor behaviors. Poster Presentation, Society for Neuroscience Annual Meeting, New Orleans, LA

2013 de Blieck E, Adams H, Augustine E, Cialone J, Dure L, Kwon J, Marshall F, Newhouse N, Rose K, Rothberg P, Vierhile A, Mink J. Methodology of clinical research in rare diseases: Development of a research program in juvenile neuronal ceroid lipofuscinosis (JNCL) via creation of a patient registry and collaboration with patient advocates. Poster Presentation, 9th Annual WORLD Symposium, Orlando, FL

2013 Mink JW, Augustine EF, Marshall FJ, Adams HR, Kwon JM, Vierhile A, de Blieck EA. The natural history of juvenile Batten disease (JNCL; CLN3 disease). Poster Presentation, 9th Annual WORLD Symposium, Orlando, FL

2013 Dugan LL, Tian L, Quick K, Hardt J, Karimi M, Brown CA, Loftin S, Flores H, Moerlein S, Polich J, Mink, JW, Perlmuter JS. Carboxyfullerene rescue of MPTP-induced nigrostriatal injury in nonhuman primates. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2013 \*Punekar IR, Burack MA, Mink JW. Impulsivity in Parkinson Disease. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2013 Mink JW, \*Hall, CJ, \*Nicholson T. Complex limb and cue signals and interactions in primate globus pallidus neurons. Poster Presentation, International Basal Ganglia Society 11th Triennial Meeting, Eilat, Israel

2013 \*Statnikova I, Mink JW. GPi is involved at multiple task levels in selection and inhibition of competing motor behaviors. Poster Presentation, International Basal Ganglia Society 11th Triennial Meeting, Eilat, Israel

2014 Aronow-Werner SP, Adams H, Vierhile A, Thatcher A, Mink J, Augustine E. Social functioning in youth with Tourette syndrome. Poster Presentation, American Academy of Neurology Annual Meeting, Philadelphia, PA

2014 Thompson Stone R, Tollefson T, Epstein R, Jozefowicz R, Mink J. Scheduled faculty modeling of bedside skills for 3rd year medical students on the Neurology clerkship. Poster Presentation, American Academy of Neurology Annual Meeting, Philadelphia, PA

2014 Thompson Stone, R. \*Wexler E, Mink J, Jozefowicz R. Is formal faculty assessment of bedside skills feasible for 3rd year medical students on the Neurology clerkship? Poster Presentation, American Academy of Neurology Annual Meeting, Philadelphia, PA

2014 \*Black KD, Augustine EF, Adams HR, Lewin A, Thatcher A, Murphy T, Mink JW. Coprophenomena are associated with high clinical impact in Tourette Syndrome. Poster Presentation, 13th International Child Neurology Congress, Foz do Iguacu, Brazil

2014 Morris AE, Tajudin TA, Mink JW. Treatment of tremor in cerebral palsy with deep brain stimulation. Poster Presentation, 13th International Child Neurology Congress, Foz do Iguacu, Brazil

2014 Mink JW, Augustine EF, Batten Study Group. Movement disorders in the neuronal ceroid lipofuscinoses. Poster Presentation, 13th International Child Neurology Congress, Foz do Iguacu, Brazil

2014 Defendorf S, Adams H, Augustine E, Mink J, Marshall F, Vierhile A, University of Rochester Batten Study Group. The challenges of clinical trials in rare disease: lessons from Batten disease. Poster Presentation, 10th Annual WORLD Symposium, San Diego, CA

2014 Mink JW, University of Rochester Batten Study Group. Movement disorders differ in different forms of neuronal ceroid lipofuscinosis. Poster Presentation, 10th Annual WORLD Symposium, San Diego, CA

2014 Defendorf S, Vierhile A, Adams HR, Marshall FJ, Augustine EF, Mink JW. The challenges of clinical trials in rare diseases: Lessons from Batten disease. Poster Presentation. Child Neurology Society Annual Meeting, Columbus, OH

2014 Mink JW, \*Statnikova I. Overlapping cognitive and motor functions in the globus pallidus internal segment. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

2014 \*Jaynes MJ, \*Jenkins ME, Mink JW. Children with dystonia do not manifest normal developmental decreases in resting muscle activity patterns. Poster Presentation, International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden

2014 \*Morris AE, Mink JW. Acoustic and kinematic quantification of focal embouchure dystonia in brass musicians. Poster Presentation, International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden

2014 Perlmutter JS, Tian LL, Quick K, Hardt J, Karimi M, Brown C, Moerlein S, Polich J, Mink JW, Dugan LL. Carboxyfullerene rescue of MPTP-induced nigrostriatal injury in nonhuman primates. Poster Presentation, International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden

2014 Tajudin TA, Mink JW. Successful treatment of rubral tremor with deep brain stimulation; a case report. Poster Presentation, International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden

2015 Stone RT, Mooney C, \*Wexler E, Mink J, Jozefowicz R. Formal Faculty Assessment of Bedside Skills for 3rd Year Medical Students on the Neurology Clerkship: The Year Two Experience. Poster Presentation, American Academy of Neurology Annual Meeting, Washington, DC

2016 A.E. Morris, S.D. Anderson, J.W. Mink. Quantitative measurements of deficit type and severity in focal embouchure dystonia. *Mov Disord.* 2016; 31 (suppl 2): S541. | 2016

2016 \*Cialone J, \*Srinivasan J, Johnson M, Mink J. Juvenile Parkinsonism in Neuronal Intranuclear Inclusion Disease. Poster Presentation, Child Neurology Society Annual Meeting, Vancouver, BC, Canada

2016 Marks W, Bailey L, Sanger T, Koy A, Lin J, Mink, J, Zimmerman L. PEDiDBS: The International Pediatric DBS Registry. Poster Presentation, Child Neurology Society Annual Meeting, Vancouver, BC, Canada

2016 \*Jaynes M, Mink JW. Reduced sequence awareness in dystonia despite normal performance. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2016 Mink JW, (Jaynes M, Schieber MH. Temporal and kinematic consistency predict sequence awareness. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2016 \*Morris AE, Norris SA, Snyder AZ, Koller JM, Mink JW, Perlmutter JS. Altered resting-state functional connectivity in patients with essential tremor. Poster Presentation, Society for Neuroscience Annual Meeting, San Diego, CA

2016 \*K.L. Andrzejewski, A. Owens, M.T. Bull, K.M. Biglan, S. Kanchana, J.W. Mink, R. Barbano. Assessing vestibular function in individuals with cervical dystonia and the effects of botulinum toxin treatment. Poster Presentation, International Congress of Parkinson's Disease and Movement Disorders, Berlin, Germany

2016 \*Jaynes MJ, Mink JW. Abnormal motor sequence representation in dystonia. International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden

2017 \*Williams J, Augustine E, Mink J. Developing A Staging System for Juvenile Batten Disease (CLN3 Disease). Poster Presentation, Child Neurology Society Annual Meeting, Kansas City, MO

2017 \*Morris AE, Norris SA, Snyder AZ, Perlmutter JS, Mink JW. Quantitative measurements of deficit type and severity in focal embouchure dystonia. Poster Presentation, Society for Neuroscience Annual Meeting, Washington, DC

2018 Adams HW, Augustine EF, University of Rochester Batten Center Study Group. Using PEDI-CAT to assess functional capabilities in CLN3 (Batten) disease. Poster Presentation, 14th Annual WORLD Symposium, San Diego, CA

2018 Mink JW, Nickel M, Wobbler E, Schwerin C, Schulz A. The Unified Batten Disease Rating Scale (UBDRS): Validation and reliability in an independent sample. Poster Presentation, 14th Annual WORLD Symposium, San Diego, CA

2018 Mink JW, \*Williams JD, Augustine EF, University of Rochester Batten Center. A proposed staging system for CLN3 disease (Juvenile Batten Disease). Poster Presentation, 14th Annual WORLD Symposium, San Diego, CA

2018 Tello-Olivares J, Seratti G, Ramirez-Montealegre D, Tsuboyama M, Mink JW, University of Rochester Batten Center. The Spanish Version of the Unified Batten Disease Rating Scale (UBDRS): Implementing the WHO guidelines. Poster Presentation, 14th Annual WORLD Symposium, San Diego, CA

2018 Adams HR, Augustin EF, Beck C, Mink JW. The arc of time: Changes in cognitive function over 15 years in CLN3 disease. Platform Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Brima T, Shaw L, Nicholas E, Mink JW, Augustine EF, Adams, HR, Freedman EG, Foxe JJ. High-density electrophysiological measures of auditory sensory processing as potential biomarkers of CLN3 disease. Platform Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Adams HR, Mink JW, Augustine EF. Evaluating adaptive function measures in NCL disorders. Platform Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Mink JW, Adams HR, Augustine EF. Natural history Studies in Batten disease: a Picture of CLN3 disease (JNCL). Platform Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Mink JW, Nickel M, Wibbeler E, Schwering C, Schulz A. The unified Batten disease rating Scale (UBDRS): Validation and reliability in an independent sample. Poster Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 \*Williams J, Augustine E, Adams H, Mink J. A Staging System for CLN3 disease. Poster Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Sardiello M, Amawil A, Palmeiri M, Schulz A, Nickel M, Mink J, Augustine E, Lloyd-Evans E, Clark G, Kollman K, Courtney M, Wehr R, Gilbert M, Stevens R, Kerkovich D. BBDF-101: Combination treatment to slow the progression of Juvenile Batten (CLN3) disease. Poster Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Simonati A, Nickel M, Laine M, Augustine E, Adams A, Garavaglia B, Moro F, Pezzini F, Nardocci N, Santorelli F, Mink J, Schulz A. Natural history of CLN1 disease: Results from an international collaborative study. Poster Presentation, 16th International Conference on Neuronal Ceroid Lipofusinoses (Batten Disease), London, UK

2018 Mink JW, Nickel M, Wibbeler E, Schwering C, Schulz A, University of Rochester Batten Center. The unified Batten disease rating Scale (UBDRS): Validation and reliability in an independent sample. Poster Presentation, 15th International Child Neurology Congress, Mumbai, India

2018 Mink JW, \*Williams J, Augustine E, University of Rochester Batten Center. A Staging System for CLN3 disease. Poster Presentation, 15th International Child Neurology Congress, Mumbai, India

2019 Paciorkowski A, Silveira-Moriyama L, Van Der Linden Jr. H, Van Der Linden V, Pessoa A, Mink J. Movement disorders in children with Congenital Zika Syndrome. Video Presentation, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 \*Vermilion J, Adams H, Vierhile A, Van Wijngaarden E, Bitsko R, Mink J. Association of Physical Anxiety Symptoms and Tic Severity, Function, and Quality of Life in Youth with Tourette Syndrome. Poster Presentation, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 Mink J, \*Vermilion J, Augustine E. Movement Disorders Differ in Different Forms of Neuronal Ceroid Lipofuscinosis (NCL). Poster Presentation, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 \*Morrison P, Auinger P, \*Onalaja A, Mink J, Thatcher A, Augustine E, Adams H. A Needs Assessment of Pediatric Patients with Tic Disorders and Co-morbid Conditions in New York State, USA. Poster Presentation, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 Claassen D, Mink J, Parnes M, Riordan H, Gordon M, Barkay H, Wieman M, Savola JM, Battini R, Jankovic J, Dure L. RECLAIM-DCP: A Randomized, Double-Blind, Placebo-Controlled Study of Deutetrabenazine for the Treatment of

Dyskinesia in Cerebral Palsy in Children and Adolescents. Poster Presentation, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 Claassen D, Mink J, Parnes M, Gordon M, Barkay H, Wieman M, Savola J-M, Battini R, Jankovic J, Dure L. RECLAIM-DCP: A Randomized, Double-Blind, Placebo-Controlled Study of Deutetrabenazine for the Treatment of Dyskinesia in Cerebral Palsy in Children and Adolescents. Poster Presentation. American Academy of Neurology 2019 Annual Meeting, Philadelphia, PA

2019 \*Masten M, University of Rochester Batten Center. Natural History of CLN3 Disease: 18 Years of Progress. Poster Presentation. Batten Disease Support and Research Association Annual Conference, Denver, CO

2020 \*Masten MC, \*Vermilion J, Augustine E, Mink JW. Movement Disorders and Epilepsy in Four Forms of Neuronal Ceroid Lipofuscinosis (NCL). Poster Presentation. International Symposium on Genetic Syndromes with Movement Disorders and Epilepsy, Barcelona, Spain.

2020 Adams HR, Beck C, Bonifacio KP, Marshall FJ, \*Masten M, Thatcher A, \*Vermilion J, Vierhile A, Augustine EF, Mink JW. Cross-validation of the Vineland-3 with independent assessments of cognition and adaptive skills in CLN3 disease. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 \*Masten MC, Thatch A, Bonifacio K, Vierhile A, Adams HR, Mink JW, Augustine EF. CLN1 disease natural history data: prospective and retrospective analysis. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 \*Masten MC, Adams MC, Vierhile A, Augustine EF, Mink JW. Hamburg Late Infantile Neuronal Ceroid Lipofuscinosis Scale (H-LINCLS) vs. the Unified Batten Disease Rating Scale (UBDRS): comparison and cross-validation. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 \*Masten MC, \*Williams JD, Augustine EF, \*Vermilion J, Adams HR, Vierhile A, Thatcher A, Marshall FJ, Mink JW. The CLN3 Disease Staging System: A tool for stratification based on disease severity. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 \*Masten MC, \*Vermilion J, Adams HR, Vierhile A, Marshall FJ, Beck CA, Augustine EF, Mink JW. Age-at-onset of core features of CLN3 disease: A cross-sectional and longitudinal natural history study. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 Mink JW, \*Masten MC, Vermilion J, Adams HR, Vierhile A, Marshall FJ, Beck CA, Augustine EF. Cross-sectional and longitudinal quantification of CLN3 disease progression. Poster Presentation. 16th Annual WORLD Symposium, Orlando, FL.

2020 \*Masten M, Vermilion J, Adams H, Vierhile A, Marshall F, Beck C, Augustine E, Mink J. Age-at-onset and Time-to-event of Core Features in CLN3 (Batten) Disease. Poster Presentation. American Academy of Neurology Annual Meeting. Presented online due to COVID-19 Public Health Emergency. (Selected as “Abstract of Distinction in Child Neurology and Developmental Neurology”)

2020 \*Vermilion J, Pedraza C, van wijngaarden E, Adams H, Mink J, Thatcher A, Vierhile A, Augustine E, Lewin A, McDermott M, O'Connor T, Kurlan R, Murphy Tanya. Anxiety symptoms in youth with and without tic disorders. Poster

2020      Presentation. American Academy of Neurology Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      Zimmerman G, Augustine E, Mink J, Vierhile A, Adams H. Quantitative Gait Analysis in CLN3 Disease. Poster Presentation. American Academy of Neurology Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      Masten MC, Collins A, Bonifacio K, Vierhile, A, Adams HR, Mink JW, Augustine EF. CLN1 Natural History Data: Prospective and Retrospective Analysis. Poster Presentation. Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      Adams HR, Beck C, Bonifacio K, Marshall FJ, \*Masten MC, Thatcher A, Vermilion J, Vierhile A, Augustine EF, Mink JW. Cross-validation of the Vineland-3 with Independent Assessments of Cognition and Adaptive Skills in CLN3 Disease. Poster Presentation. Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      \*Masten MC, \*Williams JD, Vermilion J, Adams HR, Vierhile A, Collins A, Marshall FJ, Augustine EF, Mink JW. The CLN3 Disease Staging System (CLN3SS): A Tool for Stratification Based on Disease Severity. Poster Presentation. Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      Zimmerman GA, Vierhile A, Adams HR, Mink JW, Augustine EF. Methods for Quantitative Gait Analysis in CLN3 Disease. Poster Presentation. Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      Venkataraman A, Uddin N, Mink J, Schifitto G, Tivarus ME, Zhong J, Augustine E. Magnetic Resonance Imaging (MRI) in CLN3: A Picture is Worth 1000 Words. Poster Presentation. Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 Public Health Emergency.

2020      \*Masten M, Mink JW. Comparison of Dystonia Rating Scales in Children with Primary (Isolated) Dystonia. Poster Presentation. Movement Disorders Society Virtual Congress. Presented online due to COVID-19 Public Health Emergency.

2020      \*Morris A, Norris S, Adeyemo B, Petersen S, Snyder A, Perlmuter J, Mink J. An aberrant embouchure dystonia network predicts objective and functional measures of severity. Poster Presentation. Movement Disorders Society Virtual Congress. Presented online due to COVID-19 Public Health Emergency.

2020      Norris S, \*Morris A, Campbell M, Karimi M, Babatunde A, Paniello R, Snyder A, Mink J, Perlmuter J. Regional, Not Global, Functional Connectivity Contributes to Isolated Focal Dystonia. Poster Presentation. Movement Disorders Society Virtual Congress. Presented online due to COVID-19 Public Health Emergency.

2020      \*Morris A, Norris S, Adeyemo B, Petersen S, Snyder A, Mink J, Perlmuter Large-Scale Network Changes in the Pathophysiology of Essential Tremor. Poster Presentation. Movement Disorders Society Virtual Congress. Presented online due to COVID-19 Public Health Emergency.

2020      \*Masten M, \*Vermilion J, \*Dean S, \*Pourdeyhimi R, Mink J, Yilmaz S. Interrater Agreement for Movement Disorder Classification in Children with Mixed

2020 Movement Disorders. Poster Presentation. Movement Disorders Society Virtual Congress. Presented online due to COVID-19 Public Health Emergency.

2020 \*Masten MC, Vermilion J, Adams HR, Vierhile A, Marshall FJ, Beck CA, Augustine EF, Mink JW. Age-at-Onset and Time-to-Event of Core Features in CLN3 (Batten) Disease. Poster Presentation at American Neurology Association 145th Annual Meeting (Virtual Meeting due to COVID-19 Pandemic).

2020 \*Masten MC, Vermilion J, Adams HR, Vierhile A, Marshall FJ, Beck CA, Mink JW, Augustine EF. Cross-Sectional and Longitudinal Natural History of CLN3 Disease Progression. Poster Presentation at American Neurology Association 145th Annual Meeting (Virtual Meeting due to COVID-19 Pandemic).

2020 \*Dean, S, Mink J. Stereotypies have lower burden of comorbidity compared to tics. Platform Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Vermilion J, \*Pedraza C, Augustine E, Adams H, Vierhile A, Lewin A, Thatcher A, McDermott M, O'Connor T, Kurlan R, van Wijngaarden E, Murphy T, Mink J. Anxiety symptoms in youth with and without tic disorders. Platform Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 Marks W, Bailey L, Sankpal U, Sanger T, Mink J, Lin J-P, Kruer M, Koy A, Timmerman L. PEDiDBS 2020: Update on the international registry of pediatric patients undergoing deep brain stimulation. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Masten M, \*Vermilion J, \*Dean S, \*Pourdeyhimi R, Mink J, Yilmaz S. Interrater Agreement for Movement Disorder Classification in Children with Mixed Movement Disorders. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Masten M, Mink J. Comparison of Dystonia Rating Scales in Children with Primary (Isolated) Dystonia. Interrater Agreement for Movement Disorder Classification in Children with Mixed Movement Disorders. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Masten M, Collins A, Bonifacio K, Vierhile A, Adams H, Mink J, Augustine E. CLN1 Natural History Data: Retrospective and Prospective Analyses. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Masten M, Vermilion J, Beck C, Adams H, Vierhile A, Zimmerman G, Mink J, Augustine. Natural History of CLN3 (Batten) Disease: An 18 Year Ongoing Study. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 \*Masten M, van Wijngaarden E, Augustine E, Mink J. The Public Health Impact of Rare Childhood Neurological Diseases. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2020 Zimmerman G, Vierhile A, Adams H, \*Masten M, Mink J, Augustine E. Methods for Quantitative Gait Analysis in CLN3 Disease. Poster Presentation at 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 Pandemic.

2021 \*Masten MC, van Wijngaarden E, Augustine EF, Mink JW. Epidemiology and access to expert care for the neuronal ceroid lipofuscinoses (NCLs). Poster Presentation. 17th Annual WORLD Symposium, online due to COVID-19 Pandemic.

2021 \*Masten MC, Vierhile A, Vermilion J, Adams HR, Augustine EF, Mink JW. Genotype-phenotype associations in CLN3 disease. Poster Presentation. 17th Annual WORLD Symposium, online due to COVID-19 Pandemic.

2021 \*Masten MC, Vierhile A, Vermilion J, Adams HR, Zimmerman GA, \*Corre C, Mink JW, Augustine EF. Diagnostic Confidence for CLN3 Disease. Poster Presentation. 17th Annual WORLD Symposium, online due to COVID-19 Pandemic.

2021 Vierhile A, Zimmerman GA, \*Masten MC, \*Corre C, Adams HR, Mink JW, Augustine EF. Neuronal ceroid lipofuscinoses assessment utilizing virtual visits during a pandemic. Poster Presentation. 17th Annual WORLD Symposium, online due to COVID-19 Pandemic.

2021 \*Masten MC, van wijngaarden E, Augustine EF, Mink JW. Epidemiology and Access to Expert Care for the Neuronal Ceroid Lipofuscinoses (NCL). Poster Presentation. American Academy of Neurology Virtual Annual Meeting.

2021 \*Masten MC, Vierhile A, Vermilion J, Adams HR, Zimmerman GA, \*Corre C, Augustine EF, Mink JW. Diagnostic Confidence for CLN3 Disease (Juvenile Batten Disease). Poster Presentation. American Academy of Neurology Virtual Annual Meeting.

2021 Vierhile A, Zimmerman GA, \*Masten MC, \*Corre C, Adams H, Mink J, Augustine E. Neuronal Ceroid Lipofuscinoses Assessment Utilizing Virtual Visits During a Pandemic. Poster Presentation. American Academy of Neurology Virtual Annual Meeting.

2021 Gilbert L, Fehling D, Gross P, Kruer M, Kwan W, Mink J, Shusterman M, Gross P. Top 10 Areas of Research Need for People with Cerebral Palsy and Dystonia: A Novel Community-driven Agenda. Platform Presentation. 50<sup>th</sup> Annual Child Neurology Society Meeting, Boston, MA.

2021 \*Masten M, Vierhile A, Vermilion J, Adams H, Zimmerman G, \*Corre C, Augustine E, Mink J. Diagnostic Confidence for CLN3 Disease (Juvenile Batten Disease). Poster Presentation. 50th Annual Child Neurology Society Meeting, Boston, MA.

2021 Mink J, \*Masten M, Vierhile A, Albanis E, Augustine E, Adams H. A Natural History and Outcome Measure Discovery Study of Variant Late Infantile Neuronal Ceroid Lipofuscinoses Type 5 (CLN5) and Variant Late Infantile Neuronal Ceroid

2021 Lipofuscinosis Type 7 (CLN7). Poster Presentation. 50th Annual Child Neurology Society Meeting, Boston, MA.

2021 Mole SE, Schulz A, Badoe E, Berkovic SF, de Los Reyes EC, Dulz S, Gissen P, Guelbert N, Lourenco CM, Mason HL, Mink JW, Murphy N, Nickel M, Olaya JE, Scarpa M, Scheffer IE, Simonati A, Specchio N, Von Löbbecke I, Wang RY, Williams RE. Guidelines on the diagnosis, clinical assessments, treatment and management for CLN2 disease patients. Platform Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 \*Masten MC, Vermilion J, Beck CA, Adams H, Vierhile A, Zimmerman GA, Jonathan W. Mink, Augustine EF. Natural History of CLN3 Disease: A 19 Year Ongoing Study. Platform Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Masten MC, Vierhile A, Vermilion J, Adams H, Augustine EF, Mink JW. Genotype-Phenotype Associations in CLN3 Disease. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Feng J, Ding Y, Newbold E, Bucklaew A, Prifti V, Prinsloo K, Shaw L, Padmanabhan K, Mink J, Freedman E, Foxe J, Wang KH. Brain region-specific cellular pathology and auditory processing deficit in a mouse model of CLN3 disease. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Zimmerman GA, \*Masten M, Vierhile A, Adams HR, Mink JW, Augustine EF. Quantitative Gait Analysis in CLN3 Disease. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Adams HR, Augustine EF, Mink JW, Vierhile A. Version Control and Crosswalk in Cognitive Assessment: Transitioning from the Fourth to Fifth Edition of the Wechsler Intelligence Scale for Children (WISC) in Children with NCL Disorders / Batten Disease. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Brima T, Freedman EG, Augustine EF, Adams HR, Prinsloo KD, Wang KH, Shaw L, Mink JW, Foxe JJ. An event-related potential study assessing the integrity of auditory sensory memory systems in neuronal ceroid lipofuscinosis. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 Mink JW, Schulz A, \*Masten MC, Vierhile A, Albanis E, Augustine EF, Adams HR, Mink JW. A Natural History and Outcome Measure Discovery Study of Variant Late Infantile Neuronal Ceroid Lipofuscinosis Type 5 (CLN5) and Variant Late Infantile Neuronal Ceroid Lipofuscinosis Type 7 (CLN7). Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 \*Masten MC, Vierhile A, Vermilion J, Adams H, Zimmerman G, \*Corre C, Mink JW, Augustine EF. Diagnostic Confidence for CLN3 Disease. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinosis (Batten Disease), St. Louis, MO.

2021 \*Masten MC, van Wijngaarden E, Augustine EF, Mink JW. Epidemiology and Access to Expert Care for the Neuronal Ceroid Lipofuscinoses (NCL). Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinoses (Batten Disease), St. Louis, MO.

2021 Vierhile AE, Zimmerman GA, Masten M, Corre C, Adams HR, Mink JW, Augustine EF. Neuronal ceroid lipofuscinoses assessment utilizing virtual visits during a pandemic. Poster Presentation. 17th International Congress on the Neuronal Ceroid Lipofuscinoses (Batten Disease), St. Louis, MO.

2022 \*Hewitt AL, Lee B, Mink JW. Paroxysmal Dyskinesias Responsive to Stimulants: A Case Series of 4 Patients. 7<sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain.

2022 \*Myers S, Mink JW, Vermilion J. Tic Severity and Family Function in Children with Tourette Syndrome and Coprophenomena. 7<sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain.

2022 de Gusmao CM, Garcia L, Mink J, Paciorkowski A, Silveira-Moriyama L. Episodic Ataxia related to KCNA1 and CACNA1A mutations: Attack features and genetic architecture of 397 cases. 7<sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain.

2022 \*Myers S, Mink JW, Vermilion J. Tic Severity and Family Function in Children with Tourette Syndrome and Coprophenomena. Platform Presentation. 2022 Tourette Conference Research Symposium, Minneapolis, MN.

2022 \*Yilmaz S, \*Masten MC, \*Vermilion J, \*Dean S, \*Pourdeyhimi R, Mink JW. rrater Agreement For Movement Disorder Classification In Children With Mixed Movement Disorders. Platform Presentation. 17<sup>th</sup> International Child Neurology Congress, Antalya, Turkey.

2023 \*Morris A, Norris S, Adeyemo B, Snyder A, Perlmutter J, Mink J. An aberrant embouchure dystonia network predicts objective and functional measures of severity. Poster Presentation. Samuel Belzberg International Dystonia Symposium, Dublin, Ireland.

2023 \*Hewitt A, Gomez-Ramirez M, Lizarraga K, Mink J. Globus Pallidus internus (GPi) Power Spectral Densities Progressively Change With Increasing Dystonia or Parkinsonism Severity. Poster Presentation. Samuel Belzberg International Dystonia Symposium, Dublin, Ireland.

2023 \*Myers S, Mink J, Vermilion J. Tic Severity and Function in Youth with Tourette Syndrome and Coprophenomena. Poster Presentation. 52<sup>nd</sup> Annual Child Neurology Society Meeting, Vancouver, BC, Canada.

2023 Vermilion J, Hewitt A, Mink J, Hull M, Sandkuhler S, Yang P, Mackenzie S. Remote Assessment of Abnormal Movements in TANGO2 Deficiency Disorder. Poster Presentation. 52<sup>nd</sup> Annual Child Neurology Society Meeting, Vancouver, BC, Canada.

2023 Whiteman IT, Schulz A, Østergaard JR, Cook AL, Augustine EF, Mink JW, Vierhile A, Johnson AM, Adams HR. CLN3 disease: A timeline of symptom onset and disease progression. Poster Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Moore N, Adams HR, Vermilion J, Vierhile A, Mink JW, Augustine EF. Lifespan in the Neuronal Ceroid Lipofuscinoses (NCLs). Poster Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Augustine EF, Beck C, Vermilion J, Vierhile A, Adams HR, Mink JW. The Unified Batten Disease Rating Scale – meaningful differences in CLN3 disease. Platform Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Augustine EF, Vierhile A, Adams HR, Vermilion J, Mink JW. Fatigue and pain in CLN3 disease – underexplored elements of natural history. Platform Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Vermilion J, Mink JW, Adams HR, Vierhile A, Pereira-Freitas M, Augustine EF. Quality of life and family function in CLN3 disease. Poster Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Adams HR, Augustine EF, Vermilion J, Vierhile A, Mink JW. Sleep dysfunction in individuals with neuronal ceroid lipofuscinosis (NCL) disorders. Poster Presentation. 18th International Congress on NCLs, Hamburg Germany.

2023 Vierhile A, Adams HR, Mink J, Vermilion J, Augustine EF. Research virtual visits for Neuronal Ceroid Lipofuscinoses assessment. Poster Presentation. 18th International Congress on NCLs, Hamburg Germany.

2024 Hewitt AL, Mackenzie SJ, Hull M, Sandkuhler SE, Myers S, Mink JW, Vermilion J. Characterizing Abnormal Movements in TANGO2 Deficiency Disorder by Remote Video Assessment. Poster Presentation. 8<sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain.

### **Invited Presentations: Local, Regional, & State**

2000 "Movement Disorders in Children", Common Neurological and Neurosurgical Problems in Children: Diagnosis and Management, St. Louis Children's Hospital, St. Louis, MO

2001 "Dystonia in Childhood – Clinical Features, Pathophysiology, and Treatment", Neurology Grand Rounds, University of Rochester, Rochester, NY

2002 "Current and Emerging Therapeutic Options for Involuntary Movement Disorders and Spasticity", Cerebral Palsy - From Clinic to Community Conference, University of Rochester, Rochester, NY

2002 "Update in the Diagnosis and Treatment of Tourette Syndrome", Neurology for the Primary Care Provider IX: Updates in the Diagnosis and Treatment of Common Neurologic Disorders, University of Rochester, Rochester, NY

2005 "Current and Emerging Therapeutic Options for Involuntary Movement Disorders and Spasticity", Cerebral Palsy - From Clinic to Community Conference, University of Rochester, Rochester, NY

2005 "Pediatric Movement Disorders", Physical Medicine and Rehabilitation weekly conference, University of Rochester, Rochester, NY

2006 "Tourette Syndrome", Cayuga Medical Center Education Conference, Ithaca, NY

2006 "Dopamine Deficiency: Developmental and Neuroprotective Implications", Neurology Grand Rounds, University of Rochester, Rochester, NY

2006 "Stereotypies and Other Repetitive Movements in Children", Regional Postgraduate Teaching Morning, Department of Pediatrics, University of Rochester, Rochester, NY

2006 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, University of Rochester, Rochester, NY

2007 "Dystonia", Update in Movement Disorders CME Course, University of Rochester, Rochester, NY

2008 "What's New in TS Research", Annual Meeting of the Tourette Syndrome Association of Greater New York State, Albany, NY

2010 "The Basal Ganglia and Involuntary Movement Disorders", Neurology Grand Rounds, University of Rochester, Rochester, NY

2010 "Electrical Stimulation of the Brain: History, Physiology, and Uncertainties", Symposium on Deep Brain Stimulation: Motor Systems and Beyond, University of Rochester, Rochester, NY

2012 "Understanding Tourette Syndrome", New York State Conference on Tourette Syndrome & Associated Disorders, Syracuse, NY

2012 "Understanding Tourette Syndrome", Tourette Syndrome Association of Greater Rochester and the Finger Lakes 2nd Annual Spring Symposium, Rochester, NY

2013 "Tourette Basics", Fall Symposium of the Tourette Syndrome Association of Greater Rochester and the Finger Lakes, Rochester, NY

2013 "Task-Specific Focal Embouchure Dystonia in Musicians", University of Rochester Medical Center Working Group on Clinical Research, Rochester, NY

2013 "Understanding Tourette Syndrome", Delaware Chapter, Tourette Syndrome Association, Wilmington, DE

2014 "New Research Findings in Tourette Syndrome", Keynote Address, Tourette Syndrome Association of Greater New York State, Buffalo, NY

2014 Faculty Address, White Coat Ceremony for Incoming Medical Students, University of Rochester School of Medicine and Dentistry, Rochester, NY

2015 "Primary Care Medication Management of Tics", Tourette's and Tic Disorders for Clinicians, Ithaca, NY

2015 "Basal Ganglia Mechanisms in Selection and Inhibition of Competing Behaviors", Neurology Grand Rounds, University of Rochester, Rochester, NY

2016 "Tics & Tourette's: A Primary Care Provider's First Encounter", New York State Tourette Syndrome Centers of Excellence Conference, White Plains, NY

2017 "PANS / PANDAS: A Critical Appraisal and Recommendations for the Pediatrician", Pediatrics Grand Rounds, University of Rochester, Rochester, NY

2018 "Pain in CP: Evaluation and Non-Pharmacological Interventions", with Amy Pete, PT, DPT, Practitioner Course on Cerebral Palsy and Neuromuscular Diseases, University of Rochester Medical Center

2019 Panel Member, "Leadership Response to a Racial Hate Crime in an Academic Medical Center", 10<sup>th</sup> Annual Diversity Conference, University of Rochester

2019 "Education about Tics That Supports The Assessment Questions", "2019 Tourette Syndrome Symposium: Bridging The Healthcare Disparities in Tourette", Weill Cornell Medical College, New York, NY

2019      Invited Speaker, "Rett Syndrome Overview", "University of Rochester Research and Education Day", University of Rochester, Rochester, NY

2022      Invited Speaker, "Movement Disorders-Diagnosis and Management", University of Rochester "Child Neurology for Primary Care" Symposium, Rochester, NY

### **Invited Presentations: National**

1994      "Basal Ganglia: Selection and Inhibition of Competing Motor Programs", Neurology Grand Rounds, Massachusetts General Hospital, Boston, MA

1998      "The selective facilitation and suppression of movement by the basal ganglia", Motor Control. American Academy of Neurology 50<sup>th</sup> Annual Meeting, Minneapolis, MN

1999      "Tourette Syndrome: History and Neurobiological Update", Neurology Grand Rounds, Boston Children's Hospital, Boston, MA

1999      "Surgical Treatment of Parkinson Disease", Current Issues in the Treatment of Parkinson's Disease, University of Minnesota, Minneapolis, MN

1999      "Parkinsonism and Dystonia", Motor Control, American Academy of Neurology 51st Annual Meeting, Toronto, ON, Canada

1999      "Functional Anatomy of Basal Ganglia Circuits in Relation to Neuropsychiatric Illness", Child Neurology Society Annual Meeting, Nashville, TN

2000      "Dystonia in Children: Pathophysiology and Treatment", Norton Healthcare, Louisville, KY

2000      "Movement Disorders", Child Neurology Society Annual Meeting, St. Louis, MO

2000      "Basal Ganglia Circuitry and Development", NIH Scientific Workshop on Hallervorden-Spatz Syndrome, Bethesda, MD

2000      "Tourette Syndrome: History and Neurobiological Speculations", Pediatrics Grand Rounds, University of Louisville and Kosair Children's Hospital, Louisville, KY

2001      "Paroxysmal Dyskinesias", Child Neurology, American Academy of Neurology 53rd Annual Meeting, Philadelphia, PA

2001      "Movement Disorders in Children", Pediatrics Grand Rounds, Children's Hospital of Michigan, Detroit Medical Center, Detroit, MI

2002      "Basal Ganglia Motor Function: Selection and Inhibition of Competing Motor Patterns", Center for Adaptive Systems and Department of Cognitive and Neural Systems, Boston University, Boston, MA

2002      "Dystonia in Children", Child Neurology, American Academy of Neurology 54th Annual Meeting, Denver, CO

2002      "Dystonia in Childhood - Clinical Features, Pathophysiology, and Treatment", Neurology Grand Rounds, Boston Children's Hospital, Boston, MA

2003      "Update in Child Neurology", American Academy of Neurology Fall Conference, Las Vegas, NV

2003      "Transient Movement Disorders in Infancy and Childhood", Child Neurology, American Academy of Neurology 55th Annual Meeting, Honolulu, HI

2004      "Basal Ganglia Output Activity in a Primate Model of Dystonia and Parkinsonism", Neurology Research Conference, University of Texas Southwestern, Dallas, TX

2004      "Diagnosis and Management of Movement Disorders in Children", Child Neurology Society of New Jersey, Patterson, NJ

2004 "Tics in Children", Pediatrics Grand Rounds, The Oschner Clinic, New Orleans, LA

2004 "Dystonia in Childhood", Faculty, Child Neurology, American Academy of Neurology 56th Annual Meeting, San Francisco, CA

2004 "The Basal Ganglia and Involuntary Movements: Impaired Inhibition of Competing Motor Patterns", Neurology Grand Rounds, Johns Hopkins University, Baltimore, MD

2004 "Pathophysiology of Dystonia", Special Research Seminar, Kennedy Krieger Institute, Baltimore, MD

2004 "On the Neural Origins of Tics: A Failure to Inhibit Unwanted Movements", Society for Neuroscience Annual Meeting Symposium - "Tourette Syndrome: The Self Under Seige", San Diego, CA

2005 "Movement Disorders in Children", Department of Pediatrics, Baystate Medical Center, Springfield, MA

2005 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, Primary Children's Hospital, University of Utah, Salt Lake City, UT

2005 "Diagnosing and Treating Tourette Syndrome", Early Bird Rounds, St. Louis Children's Hospital, St. Louis, MO

2005 "Dystonia in Childhood – Characteristics and Mechanisms", Pediatrics Grand Rounds, St. Louis Children's Hospital, St. Louis, MO

2005 "Pathophysiology of Dystonia", Neurology Grand Rounds, Boston Children's Hospital, Boston, MA

2005 "Transient and Developmental Movement Disorders in Children", Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 57th Annual Meeting, Miami Beach, FL

2005 "Transient and Developmental Movement Disorders", Pediatric Update for the Primary Care Physician, Tulane University and the Oschsner Clinic Foundation, New Orleans, LA

2005 "Stereotypies in Autistic and Non-autistic Children", Symposium on Motor Function in the Developing Brain, Child Neurology Society Annual Meeting, Los Angeles, CA

2005 "Neuroanatomy of Tourette Syndrome", Neurobiology of Disease in Children Symposium, Child Neurology Society Annual Meeting, Los Angeles, CA

2005 "Headaches in Children", Pediatric Update for the Primary Care Physician, Tulane University and the Oschsner Clinic Foundation, New Orleans, LA

2006 "Basal Ganglia Selection and Inhibition of Competing Motor Patterns", Department of Psychiatry, University of California San Diego, La Jolla, CA

2006 "Neural Circuits in Tourette Syndrome", Psychiatry Grand Rounds, University of Florida, Gainesville, FL

2006 "Basal Ganglia Circuits in Tourette Syndrome: Pathophysiological and Treatment Implications", Psychiatry Grand Rounds, University of Utah, Salt Lake City, UT

2006 "Psychogenic Movement Disorders in Children", Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 58th Annual Meeting, San Diego, CA

2006 "Pathophysiology of Dystonia: Insights from Primate Models", NIH Workshop on Dystonia, Bethesda, MD

2006 "Kinematic and EMG Patterns in Chorea: Pathophysiologic Implications", Neural Control of Movement Society Satellite Symposium on Neural Control of Abnormal Movement, Key Biscayne, FL

2006 "Movement Disorders in Children : When to Worry, When to Treat, and When to Reassure", Super CME, American Academy of Pediatrics, Washington, DC

2006 "Pathophysiology of Dystonia", Bachmann-Strauss Parkinson and Dystonia Foundation Think Tank on Dystonia, New York, NY

2006 "Neural Circuitry in Tourette Syndrome", NIH Workshop on Developing New Treatments for Tourette Syndrome: Clinical and Basic Science Dialogue, Bethesda, MD

2006 "Preparing for Experimental Therapeutics in JNCL", Platform Presentation, Lysosomal Disease Network 3rd WORLD Symposium, Orlando, FL

2007 "Animal Models of Dystonia Workshop", Dystonia Medical Research Foundation, Atlanta, GA

2007 "Basal ganglia function in normal control of movement and the pathophysiology of basal ganglia disorders", Academy of Neurologic Communication Disorders and Sciences 2007 Annual Education and Scientific Meeting, Boston, MA

2007 "Movement Disorders Unique to Childhood", Neurology Grand Rounds, Albany Medical College, Albany, NY

2007 "Diagnosing and Treating Tourette Syndrome", Department of Pediatrics, St. Joseph Mercy Hospital, Ann Arbor, MI

2007 "Dystonia in Children", Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 59th Annual Meeting, Boston, MA

2007 "Movement Disorders / Basal Ganglia", Resident Basic Science I: Neuropharmacology, American Academy of Neurology 59th Annual Meeting, Boston, MA

2008 "Childhood-Onset Dystonia – Characteristics and Mechanisms", Neurology Grand Rounds, University of Alabama - Birmingham, Birmingham, AL

2008 "Dystonia", Pediatric Neurology Seminar, Nationwide Children's Hospital, Ohio State University, Columbus, OH

2008 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, Nationwide Children's Hospital, Ohio State University, Columbus, OH

2008 "Parkinsonism in Children", Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 60th Annual Meeting, Chicago, IL

2008 "Diagnosing and Treating Tourette Syndrome", Neurology Grand Rounds, Medical University of South Carolina, Charleston, SC

2008 "Identification of critical neuronal pathways in primate models of dystonia", Workshop on Translation Approaches to Dystonia, Dystonia Medical Research Foundation, Atlanta, GA

2008 "Anatomy and Physiology of the Basal Ganglia", Taskforce on DBS for Pediatric Movement Disorders, Cook Children's Hospital, Fort Worth, TX

2008 "Mechanisms of DBS", Taskforce on DBS for Pediatric Movement Disorders, Cook Children's Hospital, Fort Worth, TX

2009 "Basal Ganglia Circuits in Tourette Syndrome", Child Neurology Society 38th Annual Meeting, Louisville, KY

2009 "Pathophysiology of Movement Disorders in Cerebral Palsy", Presidential Symposium, Child Neurology Society 38th Annual Meeting, Louisville, KY

2009 "Translational Research in a Rare Disease - Lessons from Batten Disease", Neurology Grand Rounds, Mayo Clinic, Rochester, MN

2009 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, University of Florida, Gainesville, FL

2009 "Dystonia in Childhood", Diagnosis and Management of Movement Disorders in Children, American Academy of Neurology 61st Annual Meeting, Seattle, WA

2009 "Dystonia in Childhood", Pediatrics Grand Rounds, University of Cincinnati, Cincinnati, OH

2009 "Getting Your First R01 and Maintaining Research Funding", NIH Grant Applications Workshop, Child Neurology Society 38th Annual Meeting, Louisville, KY

2009 "Identifying Public Health Research Priorities for Tourette Syndrome", Centers for Disease Control Workshop, Atlanta, GA

2010 "Dystonia in Childhood", Neurology Grand Rounds, University of Wisconsin, Madison, WI

2010 "Neuronal Ceroid Lipofuscinosis", Advanced Topics in Pediatric Neurology I: Neurodegenerative Disease, American Academy of Neurology Annual Meeting, Toronto, ON, Canada

2010 "Movement Disorders", Child Neurology II, American Academy of Neurology Annual Meeting, Toronto, ON, Canada

2010 "Tics and Other Twitches", NeuroFlash: Child Neurology, American Academy of Neurology Annual Meeting, Toronto, ON, Canada

2010 "The UBDRS Predicts Rate of JCNL (CLN3) Disease Progression", Lysosomal Disease Network's 6th WORLD Symposium, Miami, FL

2011 "Dystonia in Childhood", Neurology Grand Rounds, University of Vermont Medical School, Birmingham, VT

2011 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, University of Vermont Medical School, Birmingham, VT

2011 "Diagnosing and Treating Tourette Syndrome", Pediatric Neurology Grand Rounds, Baylor College of Medicine / Texas Children's Hospital, Houston, TX

2011 "Tics and Other Twitches", NeuroFlash: Child Neurology, American Academy of Neurology Annual Meeting

2011 "Diagnosing and Treating Tourette Syndrome", Neuroscience Grand Rounds, Duke University School of Medicine, Durham, NC

2011 "Movement Disorders", Child Neurology II, American Academy of Neurology Annual Meeting, Honolulu, HI

2012 Invited Speaker, "Conversion Disorder and Mass Psychogenic Illness in Child Neurology", Association for Research in Nervous and Mental Disease 92nd Annual Conference: Childhood Onset Developmental Disorders, New York, NY

2012 "A Career in Pediatric Neurosciences: Pearls and Pitfalls", Young Investigator Breakfast, Neurobiology of Disease in Children Symposium at the 41st Annual Child Neurology Society Meeting, Huntington Beach, CA

2012 "Natural Histories and Classification of NCLs", Neurobiology of Disease in Children: Batten Disease symposium at 41st Annual Child Neurology Society Meeting, Huntington Beach, CA

2012 "Setting the Stage - What is Tourette Syndrome", NIH Symposium: Finding the Way Forward in Tourette Syndrome Genetics, Bethesda, MS

2012 "Tics and Other Twitches in Young Children", Neurology Grand Rounds, University of Kentucky Medical School, Lexington, KY

2012 "Experimental Therapeutics in a Rare Disease: Lessons from Batten Disease", Pediatric Neurology Grand Rounds, New York University Medical School, New York, NY

2012 "Diagnosing and Treating Tourette Syndrome", Pediatrics Grand Rounds, Eastern Maine Medical Center, Bangor, ME

2013 Keynote Speaker, "The neurological spectrum of the neuronal ceroid lipofuscinoses (Batten Disease)", Second Annual Upper Midwest Clinical Genetics Conference, Minneapolis, MN

2013 "Diagnosing and Treating Tourette Syndrome", Neurology and Pediatrics Combined Grand Rounds, University of North Carolina, Chapel Hill, NC

2013 "Update on the Diagnosis and Management of Tourette Syndrome", Department of Neurosciences, Medical University of South Carolina, Charleston, SC

2013 "Juvenile Neuronal Ceroid Lipofuscinosis: Preparing for Clinical Trials in a Rare Childhood Neurodegenerative Disease", Neurology Grand Rounds, Mount Sinai School of Medicine, New York, NY

2013 "Paroxysmal Movements in Young Children: Movement Disorders or Developmental Variants?", Seventh Annual Greater Mid-South Pediatric Neurology Update, Memphis, TN

2013 "Diagnosing and Treating Tourette Syndrome", Seventh Annual Greater Mid-South Pediatric Neurology Update, Memphis, TN

2013 "The Natural History of Juvenile Batten Disease (JNCL; CLN3 Disease)", 9th Annual WORLD Symposium, Orlando, FL

2013 "Juvenile Neuronal Ceroid Lipofuscinosis: Preparing for Clinical Trials in a Rare Childhood Neurodegenerative Disease", Neurology Grand Rounds, Columbia University, New York, NY

2013 "Juvenile Neuronal Ceroid Lipofuscinosis: Preparing for Clinical Trials in a Childhood Neurodegenerative Disease", Neurology Grand Rounds, Boston Children's Hospital, Boston, MA

2014 "Dystonia in Childhood", Pediatrics Grand Rounds, University of Iowa, Iowa City, IA

2014 "Movement Disorders in Childhood", Pediatrics Grand Rounds, Hackensack University Medical Center, Hackensack, NJ

2014 "Tourette Syndrome and Related Disorders", Child Neurology I, American Academy of Neurology Annual Meeting, Philadelphia, PA

2014 "Disease-Specific Rating Scales" US Food and Drug Administration Workshop on Assessment of Neurocognitive Outcomes in the Inborn Errors of Metabolism, Food and Drug Administration, Silver Spring, MD

2014 "Dystonia in Children and Adolescents", Dystonia Medical Research Foundation Webinar

2014 "Movement Disorders Differ in Different Forms of Neuronal Ceroid Lipofuscinosis", 10th Annual WORLD Symposium, San Diego, CA

2014 "DBS as a probe for investigating brain mechanisms in dystonia", Dystonia Medical Research Foundation Workshop on Integrative Approaches to Dystonia, Atlanta, GA

2015 "Tics, CANS, and Other Movement Disorders", American Academy of Pediatrics National Conference and Exhibition, Washington, DC

2015 "Deep Brain Stimulation for Tourette Syndrome and Related Disorders", Symposium on Circuits and Circuit Disorders: Approaches to Neuromodulation, 140th Annual Meeting of the American Neurological Association, Chicago, IL.

2015 "Dystonia in Childhood", Neurology Grand Rounds, Feinberg School of Medicine and Lurie Children's Children's Hospital, Northwestern University, Chicago, IL

2015 "Basal Ganglia Mechanisms in Selection and Inhibition of Competing Behaviors", Clinical Neuroscience Grand Rounds, National Institutes of Neurological Disorders and Stroke, Bethesda, MD

2015 "Task-Specific Dystonia in Musicians", Neurology Grand Rounds, University of Pennsylvania, Philadelphia, PA

2016 "Neurological Emergencies", American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA

2016 "Tics, CANS, and Other Movement Disorders", American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA

2016 "Terminology – Semantics of Concussion", NIH Pediatric Concussion Workshop, Bethesda, MD

2016 "Dystonia: A missed cause of pain in CP", Symposium on "Pain in CP, American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting, Hollywood, FL

2016 Keynote Speaker, "Movement Disorders in Children", 34th Annual Review of Developmental Behavioral Disorders & A Spectrum of Pediatric Challenges, Hackensack University Medical Center presented in Hilton Head, SC

2016 "Movement Disorders in Children: When Is Deep Brain Stimulation an Option?" Child Neurology I, American Academy of Neurology Annual Meeting, Vancouver, BC, Canada

2016 "Medical Management in the NCLs", Batten Disease Workshop: 2016 Update of Translational Research for Management of INCL/LINCL. Bethesda, MD

2016 "Pathophysiology and Development of Stereotyped Movements", 27th Annual Meeting of the American Neuropsychiatric Association, San Diego, CA

2016 "Tourette Syndrome in Children: Clinical Features, Impact, and Treatment Options", Movement Disorders Conference, Massachusetts General Hospital, Boston, MA

2017 "Neuronal Ceroid Lipofuscinoses: Experimental Therapeutics in Rare Childhood Neurodegenerative Disease", Neurology Grand Rounds, Massachusetts General Hospital, Boston, MA

2017 "Characteristics, Natural History, and Medical Management of CLN1 and CLN2 diseases", Batten Disease: 2017 Update of Translational Research for Management of INCL/LINCL, Bethesda, MD

2017 "Mass Psychogenic Illness", 46th Annual Meeting of the Child Neurology Society, Kansas City, MO

2017 Keynote Speaker, 50th Anniversary of Pediatric Neurosciences, St. Louis Children's Hospital / Washington University, St. Louis, MO

2017 "Transient and Developmental Movement Disorders", Movement Disorder Conference, Department of Neurology, University of California San Diego, San Diego, CA

2017 "Dystonia in Childhood: Mechanisms and Management", Neurology Grand Rounds, SUNY Downstate Medical Center, Brooklyn, NY

2017 "PANS/PANDAS/OCD", 35th Annual Review of Developmental Behavioral Disorders & A Spectrum of Pediatric Challenges, Hackensack University Medical Center presented in Hilton Head, SC

2017 "Dystonia in Childhood: Mechanisms and Treatments", Neurology Grand Rounds, University of Virginia, Charlottesville, VA

2017 "Batten Disease: Natural History and Experimental Therapeutics in Rare Childhood Neurodegenerative Disease", Neurology Grand Rounds, Stanford University, Palo Alto, CA

2017 "Diagnosing and Treating Tourette Syndrome", Children's Hospital of Wisconsin, Medical College of Wisconsin, Milwaukee, WI

2018 "Basal Ganglia and the Pathophysiology of Dystonia", Conference on multi-disciplinary treatment of children with complex motor disorders, Cook Children's Hospital, Fort Worth, TX

2018 "Natural History Studies in the NCLs", Batten Disease Support and Research Association Annual Meeting, Nashville, TN

2018 "Neuronal Ceroid Lipofuscinosis (Batten Disease): Developing Treatments for Rare Neurologic Diseases", Pediatrics Grand Rounds, Children's Hospital of Colorado, Denver, CO

2018 "Overview of Therapeutic Approaches to Tourette Syndrome", Neurobiology of Disease in Children Symposium: Tourette Syndrome, 47<sup>th</sup> Annual Meeting of the Child Neurology Society, Chicago, IL

2018 Keynote Speaker, "Scientific Rigor and 'New' Diseases", Child Neurologist Career Development Program Annual Retreat, Chicago, IL

2019 "Diagnosing and Treating Tourette Syndrome", Pediatric Grand Rounds, Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, MI

2019 "Neuronal Ceroid Lipofuscinoses: Experimental Therapeutics in Rare Neurodegenerative Disorders of Children", Keynote Speaker, 13th Annual Missouri Valley Child Neurology Colloquium, Kansas City, MO

2019 "Things I Wish I Had Learned in Residency", Keynote Speaker, Milestones in a Child Neurology Career Luncheon, American Academy of Neurology 2019 Annual Meeting, Philadelphia, PA

2019 "Patterns of CLN3 disease progression: An 18-year natural history study", Batten Disease Support and Research Association Annual Meeting, Denver, CO

2019 "Natural History Studies in the NCLs: Does One Size Fit All?" (with \*Margaux Masten), Translational Research Conference for the Management of NCLs, Chicago, IL

2020 "Natural History Studies in the Neuronal Ceroid Lipofuscinoses", Neurology Grand Rounds, Cincinnati Children's Hospital, Cincinnati, OH

2020 "Natural History Studies in the Neuronal Ceroid Lipofuscinoses", Neurology Grand Rounds, Northwestern University and Lurie Children's Hospital, Chicago, IL

2020 Masten M, Vermilion J, Adams H, Vierhile A, Marshall F, Beck C, Mink J, Augustine E. Cross-sectional and Longitudinal Natural History of CLN3 Disease Progression. Platform Presentation. American Academy of Neurology Annual Meeting. Presented online due to COVID-19 Public Health Emergency

2020 "Neuronal Ceroid Lipofuscinoses (Batten Disease): Developing Treatments for Rare Neurologic Diseases", Pediatrics Grand Rounds, Ochsner Clinic, New Orleans, LA.

2020 \*Masten M, University of Rochester Batten Center. "The CLN3 Disease Staging System". Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 public health emergency.

2020 "Ask A Doc" Batten Disease Support and Research Association Annual Meeting. Presented online due to COVID-19 public health emergency.

2020 "Differentiating Seizures From Movement Disorders", Special Interest Group: Children's Hour – "Shake, Rattle, and Roll: the Epilepsy-Movement Disorder Mishmash". American Epilepsy Society 2020 Annual Meeting. Presented online due to COVID-19 public health emergency.

2021 "Diagnosis and Management of Chorea in Children", Child Neurology Grand Rounds, University of Louisville, Louisville, KY (Presented virtually due to COVID-19 public health emergency).

2021 "Natural History Studies in the Neuronal Ceroid Lipofuscinoses: Preparing for Clinical Trials", Neurology Grand Rounds, Wake Forest School of Medicine, Winston-Salem, NC (Presented virtually due to COVID-19 public health emergency).

2022 "Natural History Studies in the Neuronal Ceroid Lipofuscinoses: Preparing for Clinical Trials", Child Neurology Grand Rounds, Texas Children's Hospital / Baylor College of Medicine, Houston, TX (Presented virtually due to COVID-19 public health emergency).

2022 Invited Panelist, "Anxiety in Tourette Syndrome", Virtual online educational symposium, New York State Consortium on Tourette.

2022 Invited Speaker, "Overlapping Neural Circuits in Movement Disorders and Mood Disorders: Implications for Diagnosis and Treatment" in Symposium "Spanning the Divide: Anxiety and Mood Disorders Co-occurring with Neurologic Disorders", Child Neurology Society 51<sup>st</sup> Annual Meeting, Cincinnati, OH.

2022 Invited Speaker, "NCL Natural History Studies in Preparation for Clinical Trials", 2022 Translational Research Conference for the Management of NCLs, Chicago, IL.

2023 Invited Speaker, "Benign Transient and Developmental Movement Disorders", NYU Child Neurology Grand Rounds, New York, NY.

2023 Invited Speaker, "Transient and Developmental Movement Disorders", Tri-Institutional Movement Disorders Series, Boston, MA, presented virtually.

### **Invited Presentations: International**

1999 "Neurobiology of the basal ganglia and Tourette syndrome", 3rd International Scientific Symposium on Tourette Syndrome, New York, NY

2000 "Basal Ganglia Selection and Inhibition of Competing Motor Patterns", Department of Physiology, University of Montreal, Montreal, QC, Canada

2002 "The Basal Ganglia: Interface between Cognition and Action", International Neuropsychological Society Annual Meeting, Toronto, ON, Canada

2003 "Basal Ganglia Anatomy and Physiology", 38th meeting of the Canadian Congress of Neurological Sciences, Child Neurology Day Symposium, Quebec City, QC, Canada

2003 "Non-epileptic Myoclonus: Diagnosis and Management", 38th meeting of the Canadian Congress of Neurological Sciences, Child Neurology Day Symposium, Quebec City, QC, Canada

2003 "Development of a Unified Batten Disease Rating Scale (UBDRS)", 9th International Congress on Neuronal Ceroid Lipofuscinosis (Batten Disease), Chicago, IL

2004 "Tourette Syndrome and Basal Ganglia Anatomy", 4th International Scientific Symposium on Tourette Syndrome, Cleveland, OH

2004 5 lectures: "Tic Disorders", "Dystonia in Children", "Paroxysmal Dyskinesias", "Transient and Developmental Movement Disorders in Children", and "Video Review of Childhood Movement Disorders", Neuro Update Chennai 2004, Chennai, India

2005 "Movement Disorders Unique to Childhood", 9th International Congress of Parkinson's Disease and Movement Disorders, New Orleans, LA, USA

2005 "Psychogenic Movement Disorders in Children", British Pediatric Neurology Association 32nd Annual Conference, Bristol, England

2005 "DBS for Tourette Syndrome: Hope or Hype", Tourette Syndrome Foundation of Canada Annual Meeting, Montreal, QC, Canada

2005 "Pathophysiology of Dystonia and Parkinsonism", Montreal Neurological Institute Symposium

2006 "Tourette Syndrome", International Symposium on Parkinson Disease and Movement Disorders, Kyoto, Japan

2006 "The Basal Ganglia and Involuntary Movements: Impaired Inhibition of Competing Motor Patterns", Neurology Grand Rounds, Hospital for Sick Children, Toronto, ON, Canada

2006 "Basal Ganglia Selection and Inhibition of Competing Motor Patterns", Department of Physiology, University of Toronto, Toronto, ON, Canada

2006 "Basal Ganglia Dysfunction in Tourette Syndrome", 2nd International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2006 "Basal Ganglia Function With and Without Dopamine: The Importance of Focus", World Parkinson Congress, Washington, DC, USA

2006 "Pathophysiology of Dopamine Deficiency Disease of Children: Its Characteristics in Reference to those of Adulthood", 10th International Child Neurology Congress, Montreal, QC, Canada

2007 "Pathophysiology of Tourette Syndrome", International Scientific Symposium on Tourette Syndrome, Lillehammer, Norway

2007 "Clinical Guidelines for Deep Brain Stimulation in Tourette Syndrome", International Scientific Symposium on Tourette Syndrome, Lillehammer, Norway

2007 "Pathophysiology of Basal Ganglia Disorders", Orphan Europe Academy course on Paediatric Movement Disorders, Barcelona, Spain

2008 "Pathophysiology and Pathology of Tourette Syndrome", Italian Association of Parkinson Disease and Movement Disorders National Congress, Bari, Italy

2009 "Membrane proteins, channels, transporters (CLN3, CLN6, CLN7, CLN8, CICs) - Clinical Overview", 12th International Congress on Neuronal Ceroid Lipofuscinosis, Hamburg, Germany

2009 "Gilles de la Tourette syndrome: Clinical Spectrum and Pathophysiology", 13th International Congress of Parkinson's Disease and Movement Disorders, Paris, France

2009 "Video Session: Pediatric Movement Disorders", 13th International Congress of Parkinson's Disease and Movement Disorders, Paris, France

2010 "Primary Dystonia in Paediatrics: A Diagnostic Approach", Pre-Congress Satellite Symposium on Movement Disorders, 11th International Child Neurology Congress, Cairo, Egypt

2010 "The UBDRS Predicts Rate of JNCL (CLN3) Disease Progression", 11th International Child Neurology Congress, Cairo, Egypt

2010 "What Do the Basal Ganglia Really Do?", International Basal Ganglia Society 10th Triennial Meeting, Long Branch, NJ, USA

2011 "Dystonia is a Basal Ganglia Disorder", 5th International Dystonia Symposium, Barcelona, Spain

2011 "Post infectious and autoimmune movement disorders in children", NeuroPediCon 2011, Annual Meeting of the Child Neurology Chapter of the Indian Academy of Pediatrics, Mumbai, India

2011 "Classification and treatment of hyperkinetic movement disorders", NeuroPediCon 2011, Annual Meeting of the Child Neurology Chapter of the Indian Academy of Pediatrics, Mumbai, India

2011 "Video session – Transient movement disorders", NeuroPediCon 2011, Annual Meeting of the Child Neurology Chapter of the Indian Academy of Pediatrics, Mumbai, India

2011 "Update on Treatments in Tourette Syndrome", 15th International Congress of Parkinson's Disease and Movement Disorders, Toronto, ON, Canada

2011 "Movement Disorder Identification Techniques: Neurophysiology, Kinematics", Third International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2012 "The differential diagnosis of cerebral palsy: The role of etiologic diagnostic testing", Developmental Paediatric Section, Canadian Paediatric Society Annual Meeting, London, ON, Canada

2012 "Movement disorders in the developmental paediatrician's office: When to reassure, when to worry and when to refer", Keynote Speaker, Developmental Paediatric Section, Canadian Paediatric Society Annual Meeting, London, ON, Canada

2012 "The ontogeny of basal ganglia functions: A pediatric neurologist's perspective", British Paediatric Neurology Association, Movement Disorders Symposium, London, England

2012 "Challenging Dystonia Cases", 12th International Child Neurology Congress, Brisbane, Australia

2012 "Tourette syndrome: clinical aspects and updates", Symposium on Tourette Syndrome and Genetic Movement Disorders, 12th International Child Neurology Congress, Brisbane, Australia

2012 "Update on genetic dystonias". Symposium on Tourette Syndrome and Genetic Movement Disorders, 12th International Child Neurology Congress, Brisbane, Australia

2013 "Approach to Childhood Ataxia", 12th Asian & Oceanian Congress of Child Neurology, Riyadh, Saudi Arabia

2013 "Dystonia - Novel Treatment Modalities", 12th Asian & Oceanian Congress of Child Neurology, Riyadh, Saudi Arabia

2013 "Stereotypies and Gratification Phenomena", 12th Asian & Oceanian Congress of Child Neurology, Riyadh, Saudi Arabia

2013 "Reflexes, Instinct and Voluntary Motor Control: Similarities and Differences", British Paediatric Neurology Association Movement Disorders Special Interest Group Symposium on Sensorimotor, Cognitive and Emotional Integration in Movement Disorders in Children and the Influence of Neuromodulation, London, UK

2013 "Parkinsonism in Juvenile Batten Disease", 13th International Conference on Neuronal Ceroid Lipofuscinoses (Batten Disease), London, England

2013 "Pediatric Basal Ganglia Disorders", Clinical Science Tutorial, 11th Triennial Meeting of the International Basal Ganglia Society, Eilat, Israel

2013 "What lies beneath? Essential neurobiology of movement disorders", TS Srinivasan Knowledge Conclave 2013: Modern Trends in Paediatric Neurology, Chennai, India

2013 "Movement Disorders in Children: A Perspective on Clinical Diagnosis", TS Srinivasan Knowledge Conclave 2013: Modern Trends in Paediatric Neurology, Chennai, India

2013 "The Contemporary Clinical Approach to Movement Disorders in Children", TS Srinivasan Knowledge Conclave 2013: Modern Trends in Paediatric Neurology, Chennai, India

2014 "Update on Genetic Dystonias", Symposium on Genetic movement disorders: Up and coming genes and expanding phenotypes, 13th International Child Neurology Congress, Foz do Iguacu, Brazil

2014 "Inflammation in the Neuronal Ceroid Lipofusinoses (NCL)", Symposium on Neuroinflammation, 13th International Child Neurology Congress, Foz do Iguacu, Brazil

2015 Nine lectures: "What is dystonia?", "Why can't I move?", "Approach to dystonia", "Approach to Parkinsonism", "Parkinsonism in children", "Genetic dystonias", "Transient developmental movement disorders", "Drug-induced movement disorders", and "Paroxysmal dyskinesias", 1st Malaysian Paediatric Movement Disorders Symposium, Kuala Lumpur, Malaysia

2015 "Pathogenesis and clinical manifestations of movement disorders", 13th Asian and Oceanian Congress of Child Neurology, Taipei, Taiwan

2015 "Evaluation and treatment of Parkinsonism in children", 13th Asian and Oceanian Congress of Child Neurology, Taipei, Taiwan

2015 "Motor Function and Basal Ganglia Circuits: What Have We Learned From Neuromodulation?", First European Paediatric Neurology Society International Symposium on Advances in Neuromodulation in Children, Vienna, Austria

2015 "Movement Disorders in Children", First International Meeting of Pediatric Neurosciences, Hospital Infantile de Mexico - Federico Gomez, Mexico City, Mexico

2015 "Natural History Studies in Batten Disease", Workshop on Batten Disease, Hamburg, Germany

2015 "Neuroscience of Psychogenic Movement Disorders", Fourth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2016 "Rating Scales for Natural History Studies and Registries in the NCLs", 15th International Conference on Neuronal Ceroid Lipofuscinosis, Boston, MA

2016 "Cerebral Palsy: Neurophysiology and Neuropharmacology - What's on the Horizon", 14th International Child Neurology Congress, Amsterdam, Netherlands

2016 "Pathogenesis and Update on Medical Treatment for Movement Disorders", 14th International Child Neurology Congress, Amsterdam, Netherlands

2016 "Progressive Grey Matter Disorders", 14th International Child Neurology Congress, Amsterdam, Netherlands

2016 "Meet the Professors: Movement Disorders", 14th International Child Neurology Congress, Amsterdam, Netherlands

2016 "Paroxysmal Movement Disorders", Binational Conference - Update in Neurology II, Jagiellonian University, Krakow, Poland

2016 "The Neuroscience of Psychogenic (Functional) Movement Disorders", Binational Conference - Update in Neurology II, Jagiellonian University, Krakow, Poland

2016 "Treatment Strategies for Dystonia in Children", 3rd International Congress on Treatment of Dystonia, Hannover, Germany

2016 "Management of Movement Disorders", International Congress on Child Neurology, Chennai, India

2017 "Therapeutic approach to Status Dystonicus", XXXV Congress of the Chilean Society of Pediatric and Adolescent Psychiatry and Neurology (SOPNIA), Pucón, Chile

2017 "Semiology of Abnormal Movements" (with *Valentina Naranjo Lobo* \*), XXXV Congress of the Chilean Society of Pediatric and Adolescent Psychiatry and Neurology (SOPNIA), Pucón, Chile

2017 "Psychogenic Movement Disorders and the Neurobiology of Conversion Disorder", XXXV Congress of the Chilean Society of Pediatric and Adolescent Psychiatry and Neurology (SOPNIA), Pucón, Chile

2017 "Management of Dystonia", 16th ASEAN Pediatric Federation Congress 2017, Yangon, Myanmar

2017 "Transient Movement Disorders of Infancy", 16th ASEAN Pediatric Federation Congress 2017, Yangon, Myanmar

2017 Nine lectures: "Physiology and pathophysiology of movement disorders", "Dystonia", "Rocking and flapping: What are they?", "Dystonia and genetic diagnosis", "Paroxysmal movement disorders / dyskinesia", "Tremor in children - approach and management", "Psychogenic movement disorders", and "Drug-induced movement disorders", 2nd Malaysian Paediatric Movement Disorders Symposium. Kuala Lumpur, Malaysia

2017 "Tic Disorders: Diagnosis and Treatment", Update on the Treatment of Hyperkinetic Movement Disorders, International Congress of Parkinson Disease and Movement Disorders, Vancouver, BC, Canada.

2017 "Dystonia in Childhood", University Medical Center Hamburg-Eppendorf - UKE, Hamburg, Germany

2017 "Basal Ganglia Mechanisms in Action Selection", Fifth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2018 "Self-Awareness of Movements in Movement Disorders: Implications for Impact and Treatment", Krembill Neuroscience Rounds, Toronto Western Hospital, University of Toronto, Toronto, Canada

2018 "Tourette Syndrome", Belgian Society of Pediatric Neurology Spring Meeting, Liege, Belgium

2018 "Neuronal Ceroid Lipofuscinoses: Lessons for Clinical Trials in Rare Neurological Disorders of Children", McMaster University, Hamilton, ON, Canada

2018 "Basal Ganglia Circuitry and Behavioral Correlates", Symposium on Affective And Cognitive Aspects Of Childhood Movement Disorders, 15<sup>th</sup> International Child Neurology Congress, Mumbai, India

2018 "Treatable or Not Treatable", Symposium on Potentially Treatable Neurometabolic Diseases in Children, 15<sup>th</sup> International Child Neurology Congress, Mumbai, India

2018 "Current Approaches to Managing Childhood Dystonia", Movement Disorders Master Class, 15<sup>th</sup> International Child Neurology Congress, Mumbai, India

2019 "Voluntary vs Involuntary movements: Are awareness and intent meaningful?" Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain

2019 "Physiology and Pathophysiology of Movement Disorders", Pre-conference Workshop, 15th Asian and Oceanian Congress of Child Neurology (AOCCN), Kuala Lumpur, Malaysia

2019 "Dystonia – biology , diagnosis and management", Pre-conference Workshop, 15th Asian and Oceanian Congress of Child Neurology (AOCCN), Kuala Lumpur, Malaysia

2019 “Physiology and Pathophysiology of Movement Disorders”, Movement Disorders Symposium, 15th Asian and Oceanian Congress of Child Neurology (AOCCN), Kuala Lumpur, Malaysia

2020 “Basic cellular mechanisms involved in movement disorders and epilepsy”, International Symposium on Genetic Syndromes with Movement Disorders and Epilepsy, Barcelona, Spain.

2020 “Deep Brain Stimulation in Tourette Syndrome”, Symposium on Lessons from Tourette Syndrome – Better Understanding of the Development of the Child Brain, 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 pandemic.

2020 “What Are Faults that Editors See – Advice for Young Authors”, Junior Member Symposium - Becoming a Physician Scientist in Pediatric Neurology. 16<sup>th</sup> International Child Neurology Congress / 49th Child Neurology Society Annual Meeting Joint Virtual Congress, online due to COVID-19 pandemic.

2020 “Video-based Telehealth Visits for Movement Disorders and Research”, 15th Brazilian Congress of Child Neurology, online due to COVID-19 pandemic.

2021 “Tics and Tourette Syndrome ...What Every Clinician Should Know”, 35th Anniversary Postgraduate Course of the Child Neuroscience Division of the Philippine Children’s Medical Center, online due to the COVID-19 pandemic.

2021 “Lysosomal Diseases in Infancy and Children: Diagnostic Approach”, International Symposium on the Genetic Role of Neurometabolic Diseases with Infantile Epilepsy / 22<sup>nd</sup> Annual Meeting of the Infantile Seizure Society, online due to the COVID-19 pandemic.

2022 “Movement Disorders”, 12th Annual Conference of Association of Child, Neurology, India (AOCN) - CHILD NEUROCON – 2022, Ahmedabad, India, online due to the COVID-19 pandemic.

2022 “Diagnosis and Management of Chorea in Children”, “Children’s Brain Hour”, McMaster University, Hamilton, ON, Canada (online due to the COVID-19 pandemic).

2022 “Practical Pharmacological Management of Tics”, International Child Neurology Society / International Child Neurology Training Network Webinar, Online.

2022 “Tics and Other Stereotyped Movements in Children”, Karolinska Institute, Stockholm, Sweden.

2023 Chair, “Anatomical Basis for Dystonia”, Samuel Belzberg International Dystonia Symposium, Dublin, Ireland.

2023 “Recent Advances in Tourette Syndrome”, NeuroXchange 2023, Thiruvananthapuram, Kerala, India.

2023 “Paroxysmal Dyskinesias”, NeuroXchange 2023, Thiruvananthapuram, Kerala, India.

2023 “Panel Discussion on Research Design and Publishing”, Thiruvananthapuram, Kerala, India.

2024 “Tourette syndrome : Non-motor Symptoms, Circuits, and Interactions” with Jennifer Vermilion, 8<sup>th</sup> International Symposium on Paediatric Movement Disorders, Barcelona, Spain.

## Conferences Organized

1999	Chair and Organizer, "Movement Disorders Seminar", Child Neurology Society Annual Meeting, Nashville, TN
2001	Co-Organizer, NIH Workshop on Hypertonic Symptoms in Childhood, Bethesda, MD
2001	Chair and Organizer, "Movement Disorders Seminar", Child Neurology Society Annual Meeting, Victoria, BC, Canada
2004	Co-Organizer, 4th International Scientific Symposium on Tourette Syndrome, Cleveland, OH
2007	Symposium Chair and Organizer, "Movement Disorders at the Interface Between Bench and Bedside", Child Neurology Society 36th Annual Meeting, Quebec City, Quebec, Canada
2012	Co-Director, Neurobiology of Disease in Children: Batten Disease, Symposium at the 41st Annual Child Neurology Society Meeting, Huntington Beach, CA
2012	Co-Director, Integrated Neuroscience Session: Pediatric Movement Disorders, American Academy of Neurology Annual Meeting, New Orleans, LA
2014	Chair and Organizer, Presidential Symposium, "Plasticity and Learning in Recovery and Rehabilitation from Brain Injuries", Child Neurology Society 43rd Annual Meeting, Columbus, OH
2014	Co-organizer, State-of-the-Science and Treatment Decisions in Cerebral Palsy Workshop, NIH
2015	Co-organizer, 1st Malaysian Paediatric Movement Disorders Symposium, Kuala Lumpur, Malaysia
2016	Chair and Co-organizer, NIH Pediatric Concussion Workshop, Bethesda, MD
2017	Co-organizer, 2nd Malaysian Paediatric Movement Disorders Symposium, Kuala Lumpur, Malaysia
2018	Co-organizer, Practitioner Course on Cerebral Palsy and Neuromuscular Diseases, University of Rochester Medical Center
2018	Co-Organizer, Neurobiology of Disease in Children Symposium: Tourette Syndrome, 47 <sup>th</sup> Annual Meeting of the Child Neurology Society, Chicago, IL
2019	Co-Organizer, Sixth International Symposium on Paediatric Movement Disorders, Barcelona, Spain
2022	Co-Chair and Organizer, "Neuronal ceroid lipofuscinoses: natural history, phenotypic spectrum, management and emerging treatments" symposium. 17 <sup>th</sup> International Child Neurology Congress, Antalya, Turkey.

## PUBLICATIONS

\* denotes trainee / supervisee

### Peer-Reviewed Journal Articles

1. Mink JW, Adams DB. Why offense is reduced when rats are tested in a strange cage. *Physiol Behav*. 1981; 26:567-573.
2. Mink JW, Blumenschine RJ, Adams DB. Ratio of central nervous system to body metabolism in vertebrates: its constancy and functional basis. *Am J Physiol*. 1981; 241:R203-212.

3. Mink JW, Sinnamon HM, Adams DB. Activity of basal forebrain neurons in the rat during motivated behaviors. *Behav Brain Res.* 1983; 8:85-108.
4. Thach WT, Schieber MH, Mink J, Kane S, Horne M. Cerebellar relation to muscle spindles in hand tracking. *Prog Brain Res.* 1986; 64:217-224.
5. Mink JW, Thach WT. Preferential relation of pallidal neurons to ballistic movements. *Brain Res.* 1987; 417:393-398.
6. Mink JW, Thach WT. Basal ganglia motor control. I. Nonexclusive relation of pallidal discharge to five movement modes. *J Neurophysiol.* 1991; 65:273-300.
7. Mink JW, Thach WT. Basal ganglia motor control. II. Late pallidal timing relative to movement onset and inconsistent pallidal coding of movement parameters. *J Neurophysiol.* 1991; 65:301-329.
8. Mink JW, Thach WT. Basal ganglia motor control. III. Pallidal ablation: normal reaction time, muscle cocontraction, and slow movement." *J Neurophysiol.* 1991; 65:330-351.
9. Mink JW, Thach WT. Basal ganglia intrinsic circuits and their role in behavior. *Curr Opinion Neurobiol.* 1993; 3:950-957.
10. Mink JW, Neil JJ. Masturbation mimicking paroxysmal dystonia or dyskinesia in a young girl. *Mov Disord.* 1995; 10:518-520.
11. Bastian AJ, Mink JW, Kaufman BA, Thach WT. Posterior vermal split syndrome. *Ann Neurol.* 1998; 44:601-610.
12. Schlaggar BL, Mink JW. A 16-year-old with episodic hemisystonia. *Semin Pediatr Neurol.* 1999; 6:210-215.
13. \*Wenger KK, \*Musch KL, Mink JW. Impaired reaching and grasping after focal inactivation of globus pallidus pars interna in the monkey. *J Neurophysiol.* 1999; 82:2049-2060.
14. Racette BA, Rich KM, Randle J, Mink JW. Ipsilateral thalamic stimulation after thalamotomy for essential tremor. A case report. *Stereotact Funct Neurosurg.* 2000; 75:155-159.
15. Brunstrom JE, Bastian AJ, Wong M, Mink JW. Motor benefit from levodopa in spastic quadriplegic cerebral palsy. *Ann Neurol.* 2000; 47:662-665.
16. Black KJ, Mink JW. Response to levodopa challenge in Tourette syndrome. *Mov Disord.* 2000; 15:1194-1198.
17. Racette BA, McGee-Minnich L, Moerlein SM, Mink JW, Videen TO, Perlmuter JS. Welding-related parkinsonism: clinical features, treatment, and pathophysiology. *Neurology.* 2001; 56:8-13.
18. Racette BA, Dowling J, Randle J, Mink JW. Thalamic stimulation for primary writing tremor. *J Neurol.* 2001; 248:380-382.
19. Mink JW. Basal ganglia motor function in relation to Hallervorden-Spatz syndrome. *Pediatr Neurol.* 2001; 25:112-117.
20. Mink JW. Basal ganglia dysfunction in Tourette's syndrome: a new hypothesis. *Pediatr Neurol.* 2001; 25: 190-198.
21. Racette BA, Hartlein JM, Hershey T, Mink JW, Perlmuter JS, Black KJ. Clinical features and comorbidity of mood fluctuations in Parkinson's disease. *J Neuropsychiatry Clin Neurosci.* 2002; 14:438-442.
22. Tourette Syndrome Study Group. Treatment of ADHD in children with tics: a randomized controlled trial. *Neurology.* 2002; 58: 527-536.

23. Zackowski KM, Bastian AJ, Hakimian S, Mink JW, Perlmutter JS, Koller WC, Thach WT. Thalamic stimulation reduces essential tremor but not the delayed antagonist muscle timing. *Neurology*. 2002; 58:402-410.
24. Perlmutter JS, Mink JW, Bastian AJ, Zackowski K, Hershey T, Miyawaki E, Koller W, Videen TO. Blood flow responses to deep brain stimulation of thalamus. *Neurology*. 2002; 58:1388-1394.
25. Sanger TD, Delgado MR, Gaebler-Spira D, Hallett M, Mink JW, Task Force on Childhood Motor Disorders. Classification and definition of disorders causing hypertonia in childhood. *Pediatrics*. 2003; 111:e89-97.
26. Bastian AJ, \*Kelly VE, Perlmutter JS, Mink JW. Effects of pallidotomy and levodopa on walking and reaching movements in Parkinson's disease. *Mov Disord*. 2003; 18:1008-1117.
27. Bastian AJ, \*Kelly VE, \*Revilla FJ, Perlmutter JS, Mink JW. Different effects of unilateral versus bilateral subthalamic nucleus stimulation on walking and reaching in Parkinson's disease. *Mov Disord*. 2003; 18:1000-1007.
28. Mink JW, Caruso PA, Pomeroy SL. Progressive myoclonus in a child with a deep cerebellar mass. *Neurology*. 2003; 61:829-831.
29. Hershey T, \*Revilla FJ, Wernle AR, McGee-Minnich L, Antenor JV, Videen TO, Dowling JL, Mink JW, Perlmutter JS. Cortical and subcortical blood flow effects of subthalamic nucleus stimulation in PD. *Neurology*. 2003; 61:816-821.
30. \*Kirsch DB, Mink JW. Psychogenic movement disorders in children. *Pediatr Neurol*. 2004; 30:1-6.
31. Ushe M, Mink JW, Revilla FJ, Wernle A, Schneider Gibson P, McGee-Minnich L, Hong M, Rich KM, Lyons KE, Pahwa R, Perlmutter JS. Effect of stimulation frequency on tremor suppression in essential tremor. *Mov Disord*. 2004; 19:1163-2268.
32. Singer HS, Mink JW, Loiselle CR, Burke KA, Ruchkina I, Morshed S, Parveen S, Leckman JF, Hallett JJ, Lombroso PJ. Microinfusion of antineuronal antibodies into rodent striatum: failure to differentiate between elevated and low titers. *J Neuroimmunol*. 2005; 163:8-14.
33. Marshall FJ, de Blieck EA, Mink JW, Dure L, Adams H, Messing S, Rothberg PG, \*Levy E, \*McDonough T, DeYoung J, \*Wang M, Ramirez-Montealegre D, Kwon JM, Pearce DA. A clinical rating scale for Batten disease: reliable and relevant for clinical trials. *Neurology*. 2005; 65:275-279.
34. Kwon JM, Rothberg PG, Leman AR, Weimer JM, Mink JW, Pearce DA. Novel CLN3 mutation predicted to cause complete loss of protein function does not modify the classical JNCL phenotype. *Neurosci Lett*. 2005; 387:111-114.
35. \*Yang ML, \*Fullwood E, \*Goldstein J, \*Mink JW. Masturbation in infancy and early childhood presenting as a movement disorder: 12 cases and a review of the literature. *Pediatrics*. 2005; 116:1427-1432.
36. Scalhill L, Erenberg G, Berlin CM, Budman C, Coffey BJ, Jankovic J, Kiessling L, King RA, Kurlan R, Lang A, Mink J, Murphy T, Zinner S, Walkup J, Tourette Syndrome Association Medical Advisory Board: Practice Committee. Contemporary assessment and pharmacotherapy of Tourette syndrome. *NeuroRx*. 2006; 3:192-206.
37. Adams H, de Blieck EA, Mink JW, Marshall FJ, Kwon J, Dure L, Rothberg PG, Ramirez-Montealegre D, Pearce DA. Standardized assessment of behavior and adaptive living skills in juvenile neuronal ceroid lipofuscinosis. *Dev Medicine Child Neurol*. 2006; 48:259-264.

38. Ushe M, Mink JW, Tabbal SD, Hong M, Schneider Gibson P, Rich KM, Lyons KE, Pahwa R, Perlmutter JS. Postural tremor suppression is dependent on thalamic stimulation frequency. *Mov Disord.* 2006; 21:1290-1292.
39. Weiss EM, Hershey T, Karimi M, Racette B, Tabbal SD, Mink JW, Paniello RC, Perlmutter JS. Relative risk of spread of symptoms among the focal onset primary dystonias. *Mov Disord.* 2006; 21:1175-1181.
40. Tabbal SD, Mink JW, Antenor JA, Carl JL, Moerlein SM, Perlmutter JS. 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced acute transient dystonia in monkeys associated with low striatal dopamine. *Neuroscience.* 2006; 141:1281-1287.
41. Sanger TD, Chen D, Delgado MR, Gaebler-Spira D, Hallett M, Mink JW, Taskforce on Childhood Motor Disorders. Definition and classification of negative motor signs in childhood. *Pediatrics.* 2006; 118:2159-2167.
42. Mink JW, Walkup J, Frey KA, Como P, Cath D, Delong MR, Erenberg G, Jankovic J, Juncos J, Leckman JF, Swerdlow N, Visser-Vandewalle V, Vitek JL, Tourette Syndrome Association, Inc. Patient selection and assessment recommendations for deep brain stimulation in Tourette syndrome. *Mov Disord.* 2006; 21:1831-1838.
43. Adams HR, Kwon J, Marshall FJ, de Blieck EA, Pearce DA, Mink JW. Neuropsychological symptoms of juvenile-onset batten disease: experiences from 2 studies. *J Child Neurol.* 2007; 22:621-627.
44. Sanger TD, Bastian A, Brunstrom J, Damiano D, Delgado M, Dure L, Gaebler-Spira D, Hoon A, Mink JW, Sherman-Levine S, Welty LJ, Child Motor Study Group. Prospective open-label clinical trial of trihexyphenidyl in children with secondary dystonia due to cerebral palsy. *J Child Neurol.* 2007; 22:530-537.
45. Tabbal SD, Revilla FJ, Mink JW, Schneider-Gibson P, Wernle AR, de Erausquin GA, Perlmutter JS, Rich KM, Dowling JL. Safety and efficacy of subthalamic nucleus deep brain stimulation performed with limited intraoperative mapping for treatment of Parkinson's disease. *Neurosurgery.* 2007; 61(3 Suppl):119-127; discussion 127-129.
46. Jinnah H, Richter A, Mink JW, Caldwell GA, Caldwell KA, Gonzalez-Alegre P, Cookson MR, Breakefield XO, Delong MR, Hess EJ. Animal models for drug discovery in dystonia. *Expert Opin Drug Discov.* 2008; 3:83-97.
47. Tabbal SD, Ushe M, Mink JW, Revilla FJ, Wernle AR, Hong M, Karimi M, Perlmutter JS. Unilateral subthalamic nucleus stimulation has a measurable ipsilateral effect on rigidity and bradykinesia in Parkinson disease. *Exp Neurol.* 2008; 211:234-342.
48. Karimi M, Golchin N, Tabbal SD, Hershey T, Videen TO, Wu J, Usche JW, Revilla FJ, Hartlein JM, Wernle AR, Mink JW, Perlmutter JS. Subthalamic nucleus stimulation-induced regional blood flow responses correlate with improvement of motor signs in Parkinson disease. *Brain.* 2008; 131:2710-2719.
49. \*Khandwala VJ, Burack MA, Mink JW, Gdowski GT, Gdowski MJ. Measurement of upper limb kinematics and joint angle patterns during deep brain stimulation for parkinson's disease. *Conf Proc IEEE Eng Med Biol Soc.* 2009; 2009:1553-1556.
50. Kaufman CB, Mink JW, Schwab JM. Bilateral deep brain stimulation for treatment of medically refractory paroxysmal nonkinesigenic dyskinesia. *J Neurosurg.* 2010; 112:847-850.

51. Jethwa A, Mink J, Macarthur C, Knights S, Fehlings T, Fehlings D. Development of the Hypertonia Assessment Tool (HAT): a discriminative tool for hypertonia in children. *Dev Med Child Neurol.* 2010; 52:e83-87.
52. Adams HR, Beck CA, Levy E, Jordan R, Kwon JM, Marshall FJ, Vierhile A, Augustine EF, DE Blieck EA, Pearce DA, Mink JW. Genotype does not predict severity of behavioural phenotype in juvenile neuronal ceroid lipofuscinosis (Batten disease). *Dev Med Child Neurol.* 2010; 52:637-643.
53. Sanger TD, Chen D, Fehlings DL, Hallett M, Lang AE, Mink JW, Singer HS, Alter K, Ben-Pazi H, Butler EE, Chen R, Collins A, Dayanidhi S, Forssberg H, Fowler E, Gilbert DL, Gorman SL, Gormley ME, Jinnah HA, Kornblau B, Krosschell KJ, \*Lehman RK, MacKinnon C, Malanga CJ, Mesterman R, Michaels MB, Pearson TS, Rose J, Russman BS, Sternad D, Swoboda KJ, Valero-Cuevas F. Definition and classification of hyperkinetic movements in childhood. *Mov Disord.* 2010; 25:1538-1549.
54. Mink J, Kurlan R. Acute postinfectious movement and psychiatric disorders in children and adolescents. *J Child Neurol.* 2011; 26:214-217.
55. Dickson PI, Pariser AR, Groft SC, Ishihara RW, McNeil DE, Tagle D, Griebel DJ, Kaler SG, Mink JW, Shapiro EG, Bjouraker KJ, Krivitzky L, Provenzale JM, Gropman A, Orchard P, Raymond G, Cohen BH, Steiner RD, Goldkind SF, Nelson RM, Kakkis E, Patterson MC. Research challenges in central nervous system manifestations of inborn errors of metabolism. *Mol Genet Metab.* 2011; 102:326-338.
56. \*Cialone J, Augustine EF, Newhouse N, Adams H, Vierhile A, Marshall FJ, de Blieck EA, Kwon J, Rothberg PG, Mink JW. Parent-reported benefits of flupirtine in juvenile neuronal ceroid lipofuscinosis (Batten disease; CLN3) are not supported by quantitative data. *J Inherit Metab Dis.* 2011; 34:1075-1081.
57. McNaught KS, Mink JW. Advances in understanding and treatment of Tourette syndrome. *Nat Rev Neurol.* 2011; 7:667-676.
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## Books, Monographs, Chapters, & Reviews

### Books

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