

## Teri L. Schreiner, M.D., MPH

### CURRICULUM VITAE

#### 1. Personal history

Associate Professor, Neurology  
University of Colorado School of Medicine  
Children's Hospital Colorado  
12631 East 17<sup>th</sup> Avenue, Mail Stop B185  
Aurora, Colorado 80045  
Academic Office: 303-724-2187  
Scheduling Phone: 720-848-2080

#### 2. Education and Training

- University of Pennsylvania, Philadelphia, PA 1991--1995  
BA Anthropology
- Yale University, New Haven, CT 1995--1997  
M.P.H. Health Policy and Administration
- University of Rochester School of Medicine and Dentistry, Rochester, NY 2002--2006  
M.D.
- University of Colorado/Children's Hospital Colorado 2006--2008  
Resident, Pediatrics
- University of Colorado 2008--2009  
Resident, Neurology
- University of Colorado/Children's Hospital Colorado 2009--2011  
Resident, Child Neurology
- University of Colorado 2011--2012  
Instructor/Fellow, Neuroimmunology
- University of Colorado/Children's Hospital Colorado 2011--2012  
Instructor, Pediatric Neurology

#### 3. Academic Appointments

- Jagiellonian University, Krakow, Poland Spring, 2005  
Student Instructor
- Instructor/Neuro/immunology Fellow, University of Colorado 2011-2012  
National Multiple Sclerosis Society Clinical Care Fellowship
- Assistant Professor of Neurology, University of Colorado School of Medicine 2012-2017

#### 4. Previous professional positions

- Oxford Health Plans, Norwalk, CT 1997-1998  
Alternative Delivery System Analyst

- Kaiser Permanente, Oakland, Ca 1998-2002  
Project Manager, Financial Services, The Permanente Medical Group
- Women's Health Partnership, Rochester, NY Summer, 2003  
Summer Fellow

**5. Honors**

- Mortar Board Honor Society, University of Pennsylvania 1994-1995
- Two Year Recipient of the Schlesinger Scholarship, Yale University 1995-1997
- Arnold P. Gold Foundation Humanism and Excellence in Teaching Award 2011
- TEVA Pharmaceuticals Travel Grant, ECTRIMS Annual Meeting, Amsterdam, The Netherlands 2011

**6. Professional Memberships**

- American Academy of Neurology
- Child Neurology Society
- American Neurologic Association
- Colorado Society of Clinical Neurologists, Vice President

**7. Licensure/Certifications**

- Medical licensure, Colorado 2011
- Diplomat Board Certification American Board of Psychiatry and Neurology with Special Qualifications in Child Neurology 2011

**8. Invited Lectures/Presentations**

- A 14-year-old male with chorea. Abby Stoddard Rounds 9/25/09
- Pediatric Demyelinating Conditions. Neuro/radiology Conf. Children's Hospital Colorado 4/26/10
- Mistaken Identity: A case of transverse myelitis mistaken for Guillian/Barre Syndrome Child Neurology Mortality and Morbidity Conference, Children's Hospital Colorado 6/11/10
- Pediatric Demyelinating Disorders presentation to Children's Hospital hospitalists 1/5/11
- De-MS-tifying White Matter Disorders in Children Neurology Grand Rounds, University of Colorado 4/27/11
- Origins, Triggers and Disease Development National Multiple Sclerosis Society luncheon 9/27/11
- Unlocking the Mysteries, Key Thoughts on Risk Factors for MS Presentation to Rocky Mountain MS Center Fall Research Seminar 1/19/11
- Pediatric Demyelinating Disorders, Children's Hospital Colorado

- Rehabilitation Dept. Retreat 2/4/12
- What's the Deal? Vitamin D as a Modifiable Risk Factor for Multiple Sclerosis  
Neurology Grand Rounds, University of Colorado 6/6/12
- Beyond ADEM and MS: Diagnoses Not to Miss in the Evaluation of a Child with Demyelination.  
Child Neurology Society Meeting. October 2012.
- Roadmap to Pediatric Demyelination: Clinical Features. Consortium of Multiple Sclerosis  
Centers Annual Meeting. 5/14
- Filmed appearance CBS *Evening News*. Enterovirus and paralysis in children in Colorado.
  
- 9/30/14
- Enterovirus D68: Nefarious and Neurotropic or Falsely Accused? Neurology Grand Rounds,  
University of Colorado. 11/2015
- Filmed appearance on NBC *Today Show*. Enterovirus and paralysis in children.  
1/28/15
- Rocky Mountain MS Center Spring Education Seminar, Denver, Colorado  
5/16/15
- Inflammatory Myelopathies and Acute Flaccid Myelitis. Lecture to International Society of  
Neurovirology, 6/3/2015
- Rocky Mountain MS Center Fall Education Seminar, Golden, Colorado  
10/25/15
- Myelitis and Flaccid Paralysis: Re-learning Old Lessons. Presented at the Consortium of MS  
Centers Annual meeting National Harbor, MD
  
- 06/16
- Acute Flaccid Myelitis-Where Are We Now? Presentation as Visiting Professor, Children's  
Hospital of Philadelphia 06/16
- Pediatric MS: Diagnosis and Treatment. Presentation to the annual meeting of the American  
Academy of Neurology, Vancouver, BC, Canada
  
- 04/16
- Washington Post article interview by Dan Hurley: A mysterious polio-like illness that paralyzes  
people may be surging this year. 9/2016
- Filmed appearance NBC *Nightly News* with Lester Holt, to be aired October 2016.

## 9. Mentoring

2011-2012: Ngozi Nnukwe, medical student. Project: discontinuation of natalizumab in adult patients with multiple sclerosis. Poster presentation at the American Academy of Neurology, 2012 annual meeting.

2013-2014: Cassie Karlsson, MD. Psychiatry Resident. Project: poster and grand rounds presentation on unusual case of neuropsychiatric neuroinflammatory disease.

2014: Amanda Moen, MD. Child Neurology Fellow. Neuroimmunology Mini/Fellowship

2014-2016: Jan Ludke, MD. Child Neurology Fellow. Project: One Year Outcomes of Acute Flaccid Myelitis

2015: Dorlyne Brchan, MD. Child Neurology Fellow. Book chapter submission: Optic Neuritis as the Presenting feature of Pediatric Multiple Sclerosis. Pediatric Demyelinating Disease textbook, *in print*.

2015: Adam Wallace, MD. Child Neurology Fellow. Book chapter submission: Susac Syndrome. Pediatric Demyelinating Disease textbook, *in print*.

2015: Matthew Martien. Mentored Matthew during his application to graduate school. He was accepted and subsequently earned a master's degree.

2013-2016 Weekly mentoring of MSIII students in adult and pediatric neuroimmunology clinic.

2015-Current. Faculty mentor to Elizabeth Tolar, MD. Child Neurology Resident.

## **10. Current Grant Support as Primary Investigator**

Biogen Idec 12-0800

Title: STRIVE A multicenter, observational, open-label, single-arm study of Tysabri in early relapsing-remitting multiple sclerosis in JC virus antibody negative patients.

Role: Site PI

Protocol #: 101MS407

Dates of Project: 6/14/2012 - 12/31/2016

Direct Costs: \$87,302

Total Costs: \$120,000

E&G – 12-1084

Title: Environmental and genetic risk factors for pediatric MS

Role: Site PI

Dates of Project: 5/1/2015 - 4/30/2017

Direct Costs: \$90,000

Total Costs: \$100,000

Biogen Idec 13-2897

Title: A multicenter, global, observational study to collect information on safety and to document the drug utilization of BG00012 when used in routine medical practice in the treatment of relapsing multiple sclerosis.

Role: Site PI

Protocol #: 109MA401

Dates of Project: 6/11/2014 - 6/10/2017

Direct Costs: \$185,723

Total Costs: \$201,300

**MSDx 13-2928**

Title: Cross-sectional study of MSDx compls-1 association with gadolinium enhancing lesions in relapsing-remitting multiple sclerosis.

Role: Site PI

Protocol #: MSDX-0113

Dates of Project: 10/31/2013 – 12/31/2017

Direct Costs: \$68,559

Total Costs: \$86,384

**Biogen 15-0568**

Title: A multicenter, double-blind, placebo-controlled study of Montelukast on gastrointestinal tolerability in patients with relapsing forms of multiple sclerosis receiving TECFIDERA delayed-release capsules.

Role: Site PI

Protocol #: 109MS414

Dates of Project: 5/1/2015 – 7/20/2018

Direct Costs: \$59,000

Total Costs: \$75,000

Project: Pediatric Network University of Utah

Role: Site PI

Dates of Project: 7/1/2015 – 6/30/2017

Direct Costs: \$27,000

Total Costs: \$30,000

**UTSW PCORI 16-0657**

Collaborative Assessment of Pediatric Transverse Myelitis: Understand, Reveal, Educate or CAPTURE Study.

Role: Site PI

Total Costs: \$20,000

**Studies in Start-up**

**Biogen NAPPREMS 16-0156**

Natalizumab for prevention of post-partum relapses in patients with multiple sclerosis.

Role: Site PI.

Total Costs: \$25,000

**Completed Studies**

**Novartis PARADIGMS**

Role: Site PI

02/13/2014—2016

A two-year, double-blind, randomized, multicenter, active controlled study to evaluate the safety and efficacy of fingolimod administered orally once daily versus interferon  $\beta/1a$  I.M. once weekly in pediatric patients with multiple sclerosis

The Hospital for Sick Children 14-0388

Title: Treatment Adherence in Pediatric Multiple Sclerosis

Role: Site PI

Protocol #: 5982896

Dates of Project: 3/17/14 - 3/16/2017

Direct Costs: \$13,504

Total Costs: \$16,000

Biogen Idec ESTEEM

Role: Site PI

10/16/14-2016

Title: Incidence, type, and pattern of serious adverse events leading to treatment discontinuation in patients with MS treated with Dimethyl Fumarate.

Adamas AMT-MS201 – 15-1086

Title: Safety and efficacy of ADS-5102 extended release capsules in patients with multiple sclerosis and walking impairment

Role: Site PI

Dates of Project: 7/1/2015 – 8/25/2018

Direct Costs: \$37,680

Total Costs: \$47,478

### Current Grant Support as Co-Investigator

COMIRB 08/0613

Wagner (PI) 04/14/2011--Present

The Role of TH40 Cells in Multiple Sclerosis and Type 1 Diabetes Subjects.

### 11. Peer Reviewed Publication

1. Grunzke M, **Schreiner T**, Thomison JB, Jedlicka P, Albano E. Vascular compromise as a cause of sudden death in a pediatric patient with widely metastatic testicular germ cell tumor. *J Pediatr Hematol Oncol* 2009 Oct;31(10):756/7
2. Kedia, S, Stroud B, Parson J, **Schreiner, T**, Curtis D, Bagdure D, Brooks/Kayal A, Glode MP, Dominguez SR. Pediatric Neurological Complications of 2009 Pandemic Influenza A (H1N1) *Arch Neurol* 2010; Dec:13 (318) E1/E8
3. **Schreiner TL**, Miravalle A. Current and emerging therapies for the treatment of multiple sclerosis: Focus on cladribine. *J of Central Nervous System Disease* 2012:4 1/14.

4. **Teri L Schreiner** and Emmanuelle L Waubant. Pediatric Multiple Sclerosis. <http://emedicine.medscape.com/article/2091406/overview> Medscape Reference, Updated March 8, 2013.
5. Waid, D., **Schreiner, T.**, Vaitaitis, G., Carter, J., Corboy, J., & Wagner, D. Defining a new biomarker for the autoimmune component of Multiple Sclerosis: Th40 cells. *J Neuroimmunol.* 2014; 270(1/2): 75/85
6. Augusto A. Miravalle, M.D. and **Teri Schreiner**, M.D. Neurological Complications of Vaccinations. *Handbook of Clinical Neurology*, 2014; 121: 1549/1557.
7. Campbell, J, Ghushchyan V, McQueen R, Cahoon-Metger S, Livingston T, Vollmer T, Corboy J, Miravalle A, **Schreiner T**, Porter V, Nair K. Burden of multiple sclerosis on direct, indirect costs and quality of life: National US estimates. *Mult Scler Relat Disord.* 2014 Mar;3(2):227-36. PubMedPMID:25878010
8. Pastula DM, Aliabadi N, Haynes A, Messacar K, **Schreiner T**, Maloney J, Dominguez S, Davizon E, Leshem E, Fisher M, Nix W A, Oberste MS, Seward J, Feikin D, Miller L. Acute Neurologic Illness of Unknown Etiology in Children—Colorado, August-September, 2014. *Center for Disease Control Morbidity and Mortality Weekly Report* Oct. 3, 2014:63
9. Maloney, JA, Mirsky DM, Messacar K, Dominguez SR, **Schreiner T**, Stence NV. MRI Findings in Children with Acute Flaccid Paralysis and Cranial Nerve Dysfunction Occurring During the 2014 Enterovirus D68 Outbreak. *Am J Neuroradiol.* 2014; DOI 10.3174/ajnr.A4188. Published online ahead of printing, November, 2014.
10. Messacar K, **Schreiner TL**, Maloney JA, Wallace A, Ludke J, Oberste MS, Nix WA, Robinson CC, Glode, MP, Abzug, MJ, Dominguez SR. A cluster of acute flaccid paralysis and cranial nerve dysfunction temporally associated with an outbreak of enterovirus D68 in children in Colorado, USA. *Lancet.* 2015 Apr25; 385(9978):1662-71.
11. Olson D, Moen A, Barr E, Mirsky D, **Schreiner T**, Abzug MJ. An 8-year-Old Boy With Ascending Paralysis. *Journal of the Pediatric Infectious Diseases Society* 2015; doi: 10.1093/jpids/piv034
12. Makhani N, **Schreiner T**. Oral Dimethyl Fumarate in Children with Multiple Sclerosis: A Dual-Center Study. *Pediatr Neurol.* 2016 Apr;57:101-4
13. McDonald, J, Graves J, Waldman A, Lotze T, **Schreiner T**, Belman A, Greenberg B, Guttman, Aaen G, Mellema J, Hart J, Lulu S, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Chitnis T, Mar S, Barcellos L, Laraia B, Rose, J, Roalstad S, Simmons T, Casper C, Waubant E. A case-control study of dietary salt intake in pediatric-onset multiple sclerosis. *Mult Scler and Rel Disord* 6 (2016) 87-92.
14. Messacar, K, **Schreiner TL**, Van Haren K, Yang, M, Glaswer CA, Tyler KL, Cominguez SR. Acute Flaccid Myelitis: A Clinical Review of US Cases 2012—2015. *Ann Neurol.* 2016 Sep; 80(3):326-38.
15. Ghezzi A, Amata MP, Makhani N, **Schreiner T**, Gartner J, Tenenbaum S. Pediatric multiple sclerosis: Conventional first-line treatment and general management. *Neurology.* 2016 Aug 30;87 (9 Suppl 2): S97-102. (incorrect spelling of last name, correction is pending)
16. Martin JA, Messacar K, Yang ML, Maloney JA, Lindwall J, Carry T, Kenyon P, Sillau SH, Oleszek J, Tyler KL, Dominguez SR, **Schreiner TL**. [Outcomes of Colorado children with acute flaccid myelitis at 1 year.](#) *Neurology.* 2017 Jul 11.
17. Gianfrancesco MA, Stridh P, Shao X, Rhead B, Graves JS, Chitnis T, Waldman A, Lotze T, **Schreiner T**, Belman A, Greenberg B, Weinstock-Guttman B, Aaen G, Tillema JM, Hart J, Caillier S, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Mar S, Kahn I, Rose J,

- Roalstad S, Casper TC, Shen L, Quach H, Quach D, Hillert J, Hedstrom A, Olsson T, Kockum I, Alfredsson L, Schaefer C, Barcellos LF, Waubant E; Network of Pediatric Multiple Sclerosis Centers. [Genetic risk factors for pediatric-onset multiple sclerosis](#). *Mult Scler*. 2017 Oct 1.
18. Lavery AM, Waldman AT, Charles Casper T, Roalstad S, Candee M, Rose J, Belman A, Weinstock-Guttman B, Aaen G, Tillema JM, Rodriguez M, Ness J, Harris Y, Graves J, Krupp L, Benson L, Gorman M, Moodley M, Rensel M, Goyal M, Mar S, Chitnis T, **Schreiner T**, Lotze T, Greenberg B, Kahn I, Rubin J, Waubant E; U.S. Network of Pediatric MS Centers. [Examining the contributions of environmental quality to pediatric multiple sclerosis](#). *Mult Scler Relat Disord*. 2017 Nov;18:164-169.
19. Azary S, **Schreiner T**, Graves J, Waldman A, Belman A, Guttman BW, Aaen G, Tillema JM, Mar S, Hart J, Ness J, Harris Y, Krupp L, Gorman M, Benson L, Rodriguez M, Chitnis T, Rose J, Barcellos LF, Lotze T, Carmichael SL, Roalstad S, Casper CT, Waubant E. [Contribution of dietary intake to relapse rate in early paediatric multiple sclerosis](#). *J Neurol Neurosurg Psychiatry*. 2018 Jan.
20. Brenton JN, **Schreiner T**, Karoscik K, Richter M, Ferrante S, Waldman A, Banwell B. [Attitudes, perceptions, and use of marijuana in youth with multiple sclerosis](#). *J Neurol*. 2018 Feb;265(2):417-423.
21. Suleiman L, Waubant E, Aaen G, Belman A, Benson L, Candee M, Chitnis T, Gorman M, Goyal M, Greenberg B, Harris Y, Hart J, Kahn I, Krupp L, Lotze T, Mar S, Moodley M, Ness J, Nourbakhsh B, Rensel M, Rodriguez M, Rose J, Rubin J, **Schreiner T**, Tillema JM, Waldman A, Weinstock-Guttman B, Casper TC, Waltz M, Graves JS. Early infectious exposures are not associated with increased risk of pediatric-onset multiple sclerosis. [Mult Scler Relat Disord](#). 2018 Mar 26;22:103-107.

## 12. Abstracts/Poster Presentations

1. **Schreiner T**, Ross C, Armstrong/Wells J. Parent/Patient Quality of Life Perception in Children with Multiple Sclerosis. Poster presented at the Child Neurology Society Annual Meeting Savannah, GA. 2011
2. Nnunukwe N, Ferguson D, **Schreiner T**. Natalizumab Discontinuation: Observational Study of University of Colorado Patients with Relapsing Remitting Multiple Sclerosis. Accepted for poster presentation, 64th Annual American Academy of Neurology Annual Meeting, New Orleans, LA, April, 2012
3. **Schreiner T**, Corboy J, Bennett J, Miravalle A, Vollmer T. Comparing rituximab induction followed by glatiramer acetate to glatiramer acetate alone in patients with MS. Poster and abstract presented at the annual Consortium of MS Centers meeting in San Diego, CA May, 2012.
4. **Schreiner, T**, Waid D, Wagner D, Corboy J. Costimulatory Molecule CD40 is Elevated in Patients with MS. Consortium of Multiple Sclerosis Centers Annual Meeting, San Diego, CA June, 2012
5. Campbell JD, Ghushchyan V, McQueen RB, Cahoon/Metzger S, Livingston T, Vollmer T, Corboy J, Miravalle A, **Schreiner T**, Nair K. Direct Costs, Indirect Costs, and Quality of Life Burden of Multiple Sclerosis: National US Estimates. Accepted for the American Academy of Neurology 65<sup>th</sup> Annual Meeting, San Diego, CA. March, 2013.
6. **Schreiner T**, Waid D, Yarovoy J, Wagner D, Corboy J. Co/Stimulatory Molecule CD40 Is Elevated in Type I Diabetes and Multiple Sclerosis Compared to Controls" Accepted for a



- poster presentation at the American Academy of Neurology 6<sup>5th</sup> Annual Meeting, March 16 to March 23, 2013 at the San Diego Convention Center, San Diego, CA. March, 2013.
7. **Schreiner T**, Karlsson C, Kim C, Levine H, Barnes J, Binder J, Gabriels R, Beresford C. Neuromyelitis optica with severe behavioral dysregulation: a case report. Poster presented at the American Academy of Neurology Annual Meeting Philadelphia, PA, April, 2014
  8. Swisshelm, K, **Schreiner T**. et al. A novel familial gain of 3q25.2/3q25.31 involving OMIM genes SLC33A1, GMPS, and MME. Poster accepted for presentation at the annual meeting of the American Society of Human Genetics. San Diego, CA October, 2014
  9. Ness, JM, **Schreiner T**, Bhise V, Alper G, Morgan-Followell B, Hertz D, United States Network of Pediatric MS Centers. Consultation for difficult pediatric demyelinating cases via nationwide webinar. Poster P609 presented at the annual ECTRIMS meeting in Boston, MA September, 2014
  10. Seibert J, Blackburn J, Vollmer B, Bennett J, Corboy J, Miravalle A, **Schreiner T**, Vollmer T, Alvarez E. Safety, Tolerability, and Efficacy of Rituximab in the Treatment of Multiple Sclerosis: 285 Patients Treated in a Single Center. Poster P3.262 Presented at the Annual AAN meeting April 21, 2015 Washington, D.C.
  11. Moen A, Olson D, Abzug M, Bennett T, **Schreiner T**. Acute HIV Infection in a Child Presenting with Transverse Myelitis and Subsequent Neuromyelitis Optica Diagnosis. Poster P4.070 Presented at the Annual AAN meeting April 21, 2015, Washington, D.C.
  12. Hutaff-Lee, Christa, **Schreiner TL**. "The Importance of Interdisciplinary Monitoring for Disease Progression in Pediatric MS". Presented at the Consortium of MS Centers Annual Meeting, May 2015.
  13. Knapp, Courtney and **Schreiner, TL**. "Rocky Mountain Multiple Sclerosis Center (RMMSC) Biorepository for the Study of Neuroimmunological Disorder" Presented at the Consortium of MS Centers Annual Meeting, May 2015.
  14. Smith D, Stein A, Miravalle A, **Schreiner T**, Corboy J, Vollmer T, Alvarez E. Central Nervous System Neurosarcoidosis Experience at a Large Academic Center. Poster and abstract submitted for presentation at the Americas Association of Sarcoidosis and Other Granulomatous Disorders (AAASOG) conference, September 23—25, 2015 University of Colorado Anschutz Medical Campus, Aurora, Colorado.
  15. Miravalle A, Smith D, Vollmer T, Corboy J, Bennett J. **Schreiner T**, Alvarez E. Berk J. Michas-Martin A, Cerdan-Trevino, M. Flynn B. Stein A, Valdez B, Jenkins, K. Rocky Mountain MS Center at University of Colorado Anschutz Medical Campus, Aurora, Co, USA. Improving bladder care for patients with multiple sclerosis. Poster and abstract presented at the 31<sup>st</sup> ECTRIMS meeting, Barcelona, Spain, October, 2015
  16. Chitnis T, Rintel D, O'Donnell E, Lotze T, Weinstock-Guttman B, Waubant E, Belman A, Aaen G, Benson L, Gorman M, Graves J, Mar S, Moodley M, Ness J, Rensel M, Rodriguez M. **Schreiner T**, Tillema J-M, Rose J, Casper C. Obtaining patient and family views in pediatric MS research needs, outcomes and methods: study design. P2.129 Poster and abstract accepted for presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
  17. Ludke, J and **Schreiner, T**. Neurologic Follow-up of 12 Colorado Children with Acute Flaccid Myelitis at One Year. Abstract presented at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada

18. Waltz M, Casper C, Kavak K, Aaen G, Belman L, Candee M, Chitnis T, Graves J, Greenberg B, Gorman M, Harris Y, Hart J, Kahn I, Krupp L, Lotze T, Mar S, Ness J, Olsen C, Roalstad S, Rodriguez M, Rose J, Rubin J, **Schreiner T**, Simmons T, Tillema J-M, Vanderver A, Waldman A, Waubant E, Weinstock-Guttman B. Allergies in Pediatric Multiple Sclerosis: A Case-Control Study. Poster and abstract presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
19. Shao X, Rhead B, Graves J, Waldman A, Lotze T, **Schreiner T**, Belman A, Greenberg B, Weinstock-Guttman B, Aaen G, Tillema J-M, Hart J, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Bensen L, Rodriguez M, Chitnis T, Mar S, Kahn I, Rose J, Roalstad S, Casper C, Shen L, Quach H, Metayer C, Schaefer C, Waubant E, Barcellos L. Increased body mass index is causally associated with pediatric MS onset: A Mendelian randomization study. Poster and abstract presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
20. Edwards K, Alper G, Banwell B, Breiner P, Gorman M, Graves J, Hart J, Lotze T, Mar S, Mednick L, Ness J, Noguera A, Quon E, **Schreiner T**, Schwartz ED, Waldman A, Waubant E, Slater R, Ann Yeh E. Medication Adherence in Pediatric MS: Barriers and Facilitators. Poster and abstract presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
21. Bennett J, Miravalle A, **Schreiner T**, Corboy J, Vollmer T, Alvarez E, Blackburn J. Reclassification of a Large NMO Patient Cohort Using the 2015 NMO Spectrum Disorder Criteria. Poster and abstract presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
22. Tanuja Chitnis, Jennifer Graves, Bianca Weinstock-Guttman, Anita Belman, Cody Olsen, Madhusmita Misra, Gregory Aaen Leslie Benson, Meghan Candee, Mark Gorman, Benjamin Greenberg, Timothy Lotze, Jayne Ness, Moses Rodriguez John Rose, Jennifer Rubin, **Teri Schreiner**, Jan-Mendelt Tillema, Charlie Casper, Emmanuelle Waubant. Effect of Obesity and Puberty on Risk and Age at Onset of Pediatric MS. abstract presentation at the Annual Meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada.
23. Theresa Neiderer, Michael Waltz, Charlie Casper, Katelyn Kavak, Gregory Aaen, Anita Belman, Leslie Benson, Meghan Candee, Tanuja Chitnis, Jennifer Graves, Benjamin Greenberg, Mark Gorman, Yolanda Harris, Janace Hart, Ilana Kahn, Lauren Krupp, Timothy Lotze, Soe Mar, Jayne Ness, Cody Olsen, Shelly Roalstad, Moses Rodriguez, John Rose, Jennifer Rubin, **Teri Schreiner**, Timothy Simmons, Jan-Mendelt Tillema, Adeline Vanderver, Amy Waldman, Emmanuelle Waubant, Bianca Weinstock-Guttman. Allergies in Pediatric Multiple Sclerosis: A Case-Control Study
24. Lisa Barcellos, Xiaorong Shao, Brooke Rhead, Milena A. Gianfrancesco, Jennifer Graves, Amy Waldman, Timothy Lotze, **Teri Schreiner**, Anita Belman, Benjamin Greenberg, Bianca Weinstock-Guttman, Gregory Aaen, Jan-Mendelt Tillema, Janace Hart, Jayne Ness, Yolanda Harris, Jennifer Rubin, Meghan Candee, Lauren Krupp, Mark Gorman, Leslie Benson, Moses Rodriguez, Tanuja Chitnis, Soe Mar, Adeline Vanderver, Ilana Kahn, John Rose, Shelly Roalstad, Charlie Casper, Ling Shen, Hong Quach, Catherine Metayer, Cathy Schaefer, Emmanuelle Waubant: First Genome-Wide Analysis in Pediatric Multiple Sclerosis (MS) Confirms a Role for Adult MS Risk Variants and Reveals New Candidates. Abstract

presented at the annual meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada.

25. Jan Ludke, Kevin Messacar, Michele Yang, John A. Maloney, Terri Carry, Patricia Kenyon, Jennifer Lindwall, Joyce Oleszek, Kenneth Tyler, Samuel Dominguez, **Teri Schreiner**. Neurologic Follow-Up of 12 Colorado Children with Acute Flaccid Myelitis at One Year. Abstract accepted for platform presentation at the annual meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada.
26. **Schreiner T**. The Causal Effect of Serum Vitamin D Levels on Pediatric Multiple Sclerosis: A Mendelian Randomization Study. Abstract presented at the annual meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada.
27. **Schreiner T**. Dietary Factors and Risk of Pediatric Multiple Sclerosis. Abstract presented at the annual meeting of the American Academy of Neurology, April, 2016, Vancouver, BC, Canada
28. Honce JH, Nair KV, Sillau S, Valdez B, Torok I, Miravalle A, Alvarez E, **Schreiner T**, Bennett JL, Corboy JR, Vollmer TL. Comparing Rituximab Induction Therapy Followed by Glatiramer Acetate Therapy to Glatiramer Acetate Monotherapy in MS Patients on Clinical Imaging Outcomes. Poster accepted for presentation at the annualECTRIMS meeting, London, England, September, 2016
29. Grover SA, Edwards K, Alper G, Banwell B, Breiner P, Gorman M, Graves J, Hart J, Lotze TE, Mar S, Mednick L, Ness J, Noguera AE, Quon E, **Schreiner T**, Schwartz CE, Waldman A, Waubant E, Slater R, Yeah EA. Medication Adherence in Paediatric MS: Barriers and Facilitators. Poster and abstract accepted for presentation at the annualECTRIMS meeting, London, England, September, 2016
30. Nayak RC, White V, Vollmer T, Honce J, **Schreiner T**. MSDx complex-1: A circulating biochemical marker of neurodegeneration in Multiple Sclerosis? Poster and abstract accepted for presentation at the annualECTRIMS meeting, London, England, September, 2016.
31. Azary S, Graves J, **Schreiner T**, Walman A, Lotze T, Belman A, Greenberg B, Weinstock-Guttman B, Aaen G, Tillema J-M, Hart J, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Chitnis T, Mar S, Kahn I, Rose J, Roalstad S, Waltz M, Casper TC, Waubant E. Poster and abstract accepted for presentation at the annualECTRIMS meeting, London, England, September, 2016. Poster and abstract accepted for presentation at the annualECTRIMS meeting, London, England, September, 2016.
32. Barcellos LF, Gianfrancesco M, Shao X, Rhead B, Graves J, Waldman A, Lotze T, **Schreiner T**, Belman A, Greenberg B, Weinstock-Guttman B, Aaen G, Tillema JM, Hart J, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Chitnis T, Mar S, Kahn I, Rose J, Roalstad S, Waltz M, Casper TC, Waubant E. Body mass index is causally associated with pediatric and adult multiple sclerosis onset: a study of over 20,000 individuals using Mendelian Randomization

### 13. Book Chapters

1. Kedia S, Yang ML, Knupp K, Levisohn PM, **Schreiner T**, Moe PG. Neurologic & Muscular Disorders chapter 25 in CURRENT Diagnosis and Treatment Pediatrics 22<sup>nd</sup> Edition. Ed. William Hay and Myron Levin. 2014 The McGraw/Hill Companies.

2. Augusto A. Miravalle, M.D. and Teri L. Schreiner, MD. Neurological Complications of Vaccinations. Handbook of Clinical Neurology. Ed. Jose Biller, M.D. *In press*
3. **Schreiner, TL**, Bennett, JL Neuromyelitis Optica chapter in Neurobiology of Disease, 2<sup>nd</sup> Edition. Ed. Gilman S. Oxford University Press. *In press*
4. Kedia S, Yang ML, Knupp K, Levisohn PM, Schreiner T, Moe PG. Neurologic & Muscular Disorders chapter 25 in CURRENT Diagnosis and Treatment Pediatrics 23<sup>rd</sup> Edition. Ed. William Hay and Myron Levin. 2015 The McGraw/Hill Companies.
5. Schreiner, T et al. Neurologic & Muscular Disorders chapter 25 in CURRENT Diagnosis and Treatment Pediatrics 24<sup>th</sup> Edition. Ed. William Hay and Myron Levin. 2017 The McGraw/Hill Companies. *In press*.

#### 14. Invited editorship

- *Pediatric Neurology*. Elevated cerebrospinal fluid opening pressure in a pediatric demyelinating disease cohort
- *Multiple Sclerosis Journal*. Cognitive Impairment in Pediatric Multiple Sclerosis Patients is Not Related to Cortical Lesions.
- *Pediatric Neurology*. Multiple Sclerosis in the Very Young – A Case Report and Review of the Literature.
- *Pediatric Neurology*. Anti-N-Methyl-D-aspartate Receptor Encephalitis in Taiwan – a Comparison between Children and Adults.
- *Neurology Clinical Practice*. The ADEM Spectrum: Prognostic and Practice Implications of Radiological Hemorrhage.