

CURRICULUM VITAE

Date of Revision: 05/01/2020

Name: Sharon S Stoll, D.O., M.S.

Appointment: Assistant Professor, Department of Neurology
Clinical Educator Track, with a Secondary Appointment in the
Department of Immunobiology

Term: July 1, 2020 to June 30, 2023

School: Yale School of Medicine

Education:

2005 B.S. Drexel University (Biology and General Studies)
2007 M.S. Drexel University College of Medicine (Molecular and Cell Biology)
2011 D.O. Philadelphia College of Osteopathic Medicine

Career/Academic Appointments:

2011-12 Intern, Internal Medicine, Thomas Jefferson University Hospital, Philadelphia, PA
2012-15 Resident, Neurology, Thomas Jefferson University Hospital, Philadelphia, PA
2015-16 Fellow, Multiple Sclerosis/ Neuro-immunology Dept. of Neurology,
Yale New Haven Hospital, New Haven, CT
2016-2017 Instructor, Department of Neurology, Yale School of Medicine, New Haven, CT
2018-present Assistant Professor, Department of Neurology, Yale School of Medicine, New Haven, CT

Board Certification:

American Board of psychiatry and neurology, 2016-2026
Osteopathic Physician and Surgeon, 2011

Professional Honors & Recognition

National

2016 National Multiple Sclerosis Society Clinical Award Recipient
2013 Press Ganey Award Recipient for outstanding patient care
2000 National Presidential Award for Community Service

Regional

2015 The Rodney D. Bell Resident Teaching Award
2011 Awarded Travel Grant, from the University of Pennsylvania for
presentation at the Annual Neurocritical Care Society Meeting, Montreal, Canada
2009 Awarded Travel Grant, from the University of Pennsylvania for presentation at
the Annual Neurocritical Care Society Meeting, Montreal, Canada
2009 T.O.U.C.H recipient: Community service award
2008 Recipient of the Albert D' Alonzo, D.O. Memorial Student Fund
2001 Winner of Drexel University's 2001 Writing Award

Grant/Clinical Trials History:

Current Clinical Trials:

Agency: Alexion
I.D.# ALXN1210-NMO-307
Title: “A Phase 3, External Placebo-Controlled, Open-Label, Multicenter Study to Evaluate the Efficacy and Safety of Ravulizumab in Adult Patients with Neuromyelitis Optica Spectrum Disorder (NMOSD)”
Role: Yale Site Principal Investigator
Percent effort: 1.5%
Direct costs for project period: \$222,749
Project period: May 2020- Present

Agency: MedDay Pharmaceuticals
I.D.# MD 1003CT2016-01MS-SP12
Title: “Effect of MD1003 in progressive multiple sclerosis: a randomized double blind placebo controlled Study”
Role: Yale Site Principal Investigator
Percent effort: 5%
Direct costs for project period: \$88,860
Project period: July 2017-Present

Agency: Be Care MS Link
I.D.# HIC 2000023992
Title: “Validation of the BeCare Multiple Sclerosis Assessment App”
Role: Principal Investigator
Percent effort: 10%
Direct costs for project period: \$13,831
Project Period: October 2019-Present

Agency: Yale University School of Medicine
I.D.# HIC #1406014201
Title: “The Effect of Dietary Salt intake on Immune Function in Patients with Multiple Sclerosis”
P.I.: Dr. David Hafler M.D.
Role: Sub-Investigator
Project period: March 2016- present

Agency: Genentech
I.D.# ML29966
Title: “An open-label, multicenter, biomarker study to explore the mechanism of action of Ocrelizumab and B-cell biology in patients with relapsing multiple sclerosis”
P.I.: Dr. David Hafler M.D.
Role: Yale Sub Investigator
Project period: July 2016- present

Agency: Biogen Idec.
I.D.# 200FR. 4
Title: “Efficacy of Tecfidera in resolving chronic inflammatory activity in established MS lesions
P.I.: Dr. David Pitt M.D.
Role: Study subject recruiter
Project period: December, 04 2013- present

Past Grants/Clinical Trials:

Agency: Biogen
I.D.# HIC #0904005020
Title: "A Dose-Blind, Multicenter, Extension Study to Determine the Long-term Safety and Efficacy of Two Doses of BG00012 Monotherapy in Subjects with Relapsing Remitting Multiple Sclerosis."
P.I.: Dr. Katherine DeStefano M.D.
Role: Yale Sub Investigator
Project period: April 28, 2010- February, 25, 2020

Agency: Yale School of Medicine with Children's Hospital of Philadelphia
I.D.# 16-012680
Title: "Validation of ICD-9-CM Code for Identification of Neuromyelitis Optica Spectrum Disorders"
Role: Yale Site Investigator
Project period: September 2016-March 2017

Invited Speaking Engagement, Presentation, Symposia & Workshops:

International/National

- 2020 International Neuroscience and Neurology Conference, Madrid, Spain, "Treatment options in MS: Recent development and cutting edge care."
- 2020 Hungarian scientific society annual Women in Science Symposium, New York, NY, "Technology and the future of Medicine."
- 2020 Jewish Orthodox Women's Medical Association (JOWMA) preventative health podcast March, 2020
- 2020 JOWMA CME course, Newark, NJ, "Negotiating your job contract"
- 2019 Executive Innovation podcast, featured guest on 75th episode special: Top 50 global healthcare podcast "The best of 2019"
- 2019 Annual American Academy of Neurology conference, Philadelphia, PA, MS innovation reception: "Monitoring disease progression in MS can an App do the trick?"
- 2019 8th Annual Neuro Interventional Master Course, Madrid, Spain, "Debunking the myth of chronic cerebrospinal venous insufficiency for the treatment of multiple sclerosis."
- 2018 Grand Rounds, Department of Medicine, New York Medical College, White Plains, NY, "MS: Unparalleled Pharmaceutical Success"
- 2017 Radio show at WGCH Spotlight on Medicine, Greenwich, CT, "New developments in multiple sclerosis treatment option."
- 2016 Verily's Workshop on MS research Innovation, Google. Cambridge, MA
- 2016 Nancy Davis Race to Erase MS, Forum Panelist, Los Angeles, CA, "Complementary and alternative medicine in multiple sclerosis."
- 2014 Annual Masters in MS Fellowship Course, Dallas, Texas " Demyelinating condition with emisis: A case report."

Peer-Reviewed Presentation & Symposia Given at Meetings:

Regional

- 2020 Yale's annual CME course, New Haven, CT, 2020 Update: What's New in the Field of Multiple Sclerosis: "Technological advances in MS: how apps and telehealth could improve patient care
- 2020 Grand Rounds: Bridgeport Hospital, Bridgeport CT "Pharmalogical Advances in Multiple Sclerosis"
- 2018 Grand Rounds: Greenwich Hospital "Multiple Sclerosis: From Symptom onset to Diagnosis and Treatment"
- 2017 Lecture Series, Long Ridge Medical Center, Stamford, CT, "What's New in Multiple Sclerosis

- Treatment.”
- 2016 lecture series for 3rd year neurology rotation, Yale School of Medicine Students, “Multiple Sclerosis and other Demyelinating Disorders”
 - 2013 Thomas Jefferson University Seminar, Philadelphia, PA, “Spinal Cord Emergencies”
 - 2013 Thomas Jefferson University Seminar, Philadelphia, PA, “Fulminant Chronic Inflammatory Demyelinating Polyneuropathy seen in patients with nerve root enlargement.”
 - 2012 Thomas Jefferson University Seminar, Philadelphia, PA, “Cephalgia”

Professional Service:

Co-Founder/ Co-CEO: Global Consult MD

International consulting firm, to match subspecialized physicians to business decision-makers providing insight to create better, more informed outcomes. The goal is to generate more reliable medical content, and to produce a patient centric view for medical research and drug development.

Journal Service:

Editor/Associate Editor

- 2019 - present Academic Editor, *Journal of Neurobiology and Physiology*
- 2018 – present Editorial Board, *Syntax Journal of Case Reports*
- 2018 - present Reviewer, *GSL Journal of Clinical Pathology*
- 2017 - present Editor, *Journal of Clinical Research and Case Reports*

Professional Service for Professional Organizations:

Jewish Orthodox Women Medical Association

- 2019-present Chair of Membership Committee, Jewish Orthodox Women Medical Association
JOWMA. Created a platform for vaccine education in this vulnerable community

American Academy of Neurology

- 2018- present Member of the task force to eliminate step edits in multiple sclerosis therapies,
American Academy of Neurology
- 2017- present Member of the Multiple Sclerosis Section Committee, American Academy of
Neurology
- 2017- present Member of the Ethics Section Committee, American Academy of Neurology
- 2016- present Member of the American Academy of Neurology

Advisory Boards/ National Summit

- 2020 Bristol-Myer Squibb medical Advisory board meeting Houston, TX
- 2019 Biogen: Executive leadership advisory committee Boston, MA
- 2019 Alexion: NMOSD medical advisory board, Seattle, WA
- 2019 Forepont Capital Partners: Scientific advisor
- 2019 Genzyme: MS experts advisory board Chicago, IL
- 2019 Biogen: US National Summit, Washington DC, ML
- 2018 Genentech: Ocrelizumab advisory board held at the AAN, Los Angeles, CA
- 2018 Genzyme: MS experts advisory board meeting, Chicago, IL
- 2018 Genentech: Ocrelizumab New England Regional advisory board Boston, MA
- 2017 Genzyme: MS treaters advisory board meeting
- 2016 Teva: Copaxone MS Next Generation advisory board, NY,NY

Meeting Planning

- 2020 Course Director, Yale Continuing Medical Education Activity, 2020 *Update: What's New In the field of Multiple Sclerosis*
- 2020 Co-Course Director, Jewish Orthodox Women's Medical Association, JOWMA Inaugural CME Course
- 2019 Course Director, Yale Continuing Medical Education Activity, 2019 *Update: What's New In the field of Multiple Sclerosis*
- 2017 Course Director, Yale Continuing Medical Education Activity, 2017 *Update: What's New In the field of Multiple Sclerosis*

Yale University Service:

- 2015-2017 Editor, Yale Multiple Sclerosis/Neuro-Immunology Department Epic data collection/
Clinical note.

Public Service:

- 2016 ABC Medical Unit Fellow, Medical Editor
- 2016 Featured and consultant, European public network, *Mein Korper- mein Feind Autoimmunerkrankungen auf der Spur*. Aired June/3/2016

Bibliography:

Peer-Reviewed Original Research

1. Gmuca, S., D Hardy, S Narula, **S Stoll**, et al. Validation of Claims-Based Diagnoses of Adult and Pediatric Neuromyelitis Optic Spectrum Disorder and Variations in Diagnostic Evaluation and Treatment Initiation. *J. MS and Related Disorders*, 2020, 37 101488: 1-5.
2. **Stoll, S.**, T Vartanian, L Rubin, N Rubin, C Litchman. Automated EDSS scoring using a mobile App and Machine Learning. *Neurology*, 2020, <https://index.mirasmart.com/AAN2020-002631.html>
3. Litchman, T., **S Stoll**. An unusual case of cerebellar ataxia: Does seronegative paraneoplastic disease exist? *J. ANNA.*, 2020, 19:115.
4. Litchman, C., **S Stoll**. CGRP Antagonists: The new headache frontier. *OSP J Neuro Neurological Dis.*, 2020, 19-1476: 1-6.
5. **Stoll, S.**, and G Rakocevic. Severe acute inflammatory demyelinating polyradiculoneuropathy with persistent weakness associated with tumor-like nerve root enlargement. *J Clin Neuromuscul Dis.*, 2015, 16(4):220-2.
6. **Stoll, S.**, C Nieves, D Tabby, R Schwartman. Use of therapies other than disease-modifying agents, including complementary and alternative medicine, by patients with multiple sclerosis: A survey study. *JAOA.*, 2012, 112:22-28.

Invited Editorials and Commentaries

7. Grunstein, M., and **S Stoll**. What it's like to be a future neurologist: A Medical Student's Perspective. *Acta Scientific Neurology* 2020, 3:20-21.

Case Reports Technical Notes, Letters, and Abstracts

8. Litchman, C., T Vartanian, L Rubin, N Rubin, **S Stoll**. Automated EDSS scoring using a mobile App & Machine Learning. *72st Annual American Academy of Neurology (AAN)*, Toronto, Canada, 2020.

9. Isitan, C., E Longbrake, **S Stoll**, S Wesley. Case Series: Central Nervous System Demyelination in the Setting of Tumor Necrosis Factor- α (TNF- α) Blockers: Uncommon Presentations and Therapeutic Strategies European Conference for Treatment and Research in Multiple Sclerosis (ECTRIMS), Stockholm, Sweden, 2019.
10. **Stoll, S.**, T Litchman, S Wesley, C Litchman. Multiple sclerosis apps: The dawn of a new era: A comprehensive review. *71st Annual American Academy of Neurology (AAN)*, Philadelphia PA, 2019.
11. Rubin, L., M Kruse-Hoyer, C Litchman, **S Stoll**, D Putrino, S Shetty, C Engel, M Marcille, S Gauthier, J Perumal, N Neilson, U Kaunzner, T Vartanian. Patient Centered Outcomes Analysis for Multiple Sclerosis Using a Mobile Application. *4th Annual American Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS)*, Dallas TX, 2019.
12. Shah, S., **S Stoll**, T Leist. Plasmapheresis in Corticosteroid-Resistant Acute Disseminated Demyelination: Report of Two Adult Cases. *67 Annual American Academy of Neurology Meeting*, Washington DC, MD, 2015.
13. **Stoll, S.**, G Rakoocevic. Immune mediated chronic inflammatory demyelinating polyneuropathy associated with tumor-like nerve root enlargement mistaken for neurofibromatosis. *62 Annual American Association of Neuromuscular and Electrodiagnostic Medicine*, Savannah, GA, 2014.
14. **Stoll S.**, G Rakoocevic. Sub acute onset of severe chronic inflammatory demyelinating polyradiculoneuropathy weakness associated with tumor-like nerve root involvement: A case report. *66th Annual American Academy of Neurology Meeting*, Philadelphia, PA, 2014.
15. **Stoll S.**, D O'Brien, H.I. Chen, M Oddo, E Maloney-Wilenksy,, S Frangos, J Levine, W.A. Kofke, J Faerber, P.D. LeRoux. Intracranial pressure and brain metabolism after severe subarachnoid hemorrhage. *9th Annual Neurocritical Care Society Meeting*, Montreal, Canada, 2011.
16. **Stoll S.**, D O'Brien, H.I. Chen, M Oddo, E Maloney-Wilenksy,, S Frangos, J Levine, W.A. Kofke, Faerber, P.D. LeRoux. The effect of episodes of increased intracranial pressure on brain metabolism. *7th Annual Neurocritical Care Society Meeting*, New Orleans, LA, 2009.