



ALEXANDRA FILIPPAKIS, D.O.

2 Merrimack Street, Suite 341, Haverhill, Massachusetts 01830

E-mail: drfilippakis@greenleafneurology.com

Mobile: 978-351-5469

CURRICULUM VITAE

Harvard-trained, board-certified neurologist with subspecialty fellowship in multiple sclerosis and neuroimmunology. Currently in private practice. Assistant Clinical Professor of Neurology. Medical Director of an ambulatory infusion center. Biomedical consultant. Neurology expert witness.

CURRENT POSITIONS

Owner and Neurologist-in-Chief May 2025 – Present

Greenleaf Neurology, PLLC, Haverhill, MA

Clinical neurology practice focused on providing comprehensive and personalized care to patients with neurological conditions.

Assistant Clinical Professor of Neurology August 2023 – Present

University of New England College of Osteopathic Medicine, Biddeford, ME

MS-II Neurology Course Consultant (July 2026 – Present) • SIGN Faculty Advisor (July 2025 – Present)

Teach neurology courses to second year medical students, mentor students interested in neurology, serve as the faculty advisor for the school's chapter of Student Interest Group in Neurology (part of the American Academy of Neurology), and develop customized clinical clerkships for fourth year students.

Medical Director August 2025 – Present

Novella Infusion, Haverhill, MA

Oversee local ambulatory infusion center that is part of a regional network where patients receive intravenous treatments prescribed by their doctors in neurology, gastroenterology, rheumatology, hematology, and oncology.

Clinical Consultant August 2025 – Present

Octave Bioscience, Menlo Park, CA

Serve as biomedical consultant for a company developing blood tests for serum protein biomarkers of inflammation in multiple sclerosis.

Speaker's Bureau

AbbVie for Ubrelyv, Qulipta

2023 – Present

PAST POSITIONS

Staff Neurologist Medical Director, Multiple Sclerosis Center Neurology Clerkship Director Wentworth-Douglass Hospital Coastal Neurology Services , Dover and Portsmouth, NH	July 2019 – April 2025
Member, Multiple Sclerosis Expert Panel Mass General Brigham P&T Committee	June 2023 – April 2025
Speaker's Bureau EMD Serono for Mavenclad Bristol-Myers Squibb for Zeposia	2023 – 2025 2021 – 2022

EDUCATION

Univ. of New England College of Osteopathic Medicine , Biddeford, ME Doctor of Osteopathic Medicine Sigma Sigma Phi Member	August 2010 – May 2014
Brandeis University , Waltham, MA Master of Science, Neuroscience Magna Cum Laude	August 2009 – May 2010
College of the Holy Cross , Worcester, MA Bachelor of Arts, German; Premedical Concentration Cum Laude	August 2004 – May 2008
Phillips Academy , Andover, MA	August 2000 – June 2004

RESIDENCY/FELLOWSHIP TRAINING

Brigham and Women's Hospital , Boston, MA Massachusetts General Hospital , Boston, MA Harvard Medical School , Boston, MA Multiple Sclerosis Clinical Fellowship	July 2018 – June 2019
Tufts Medical Center , Boston, MA Chief Resident in Neurology	July 2017 – June 2018
Tufts Medical Center , Boston, MA Residency in Neurology	July 2015 – June 2018
St. Elizabeth's Medical Center , Boston, MA Internship in Internal Medicine	June 2014 – June 2015

HONORS AND AWARDS

Resident Research Award Tufts Neurology Residency	June 2018
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PROFESSIONAL ORGANIZATIONS

National Multiple Sclerosis Society

- Fellow, 2018 – 2019
- “Partner in MS Care,” 2021 – Present
- New England Healthcare Provider Council, 2022
- NH Government Relations Committee, 2021 – 2023
- Host of Walk MS in Portsmouth, NH and Portland, ME in 2025

Consortium of Multiple Sclerosis Centers

- Full Member, 2018 – 2024

American Academy of Neurology

- Member, 2011 – Present

RESEARCH EXPERIENCE

Co-Investigator

March 2024 – April 2025

Studied advanced MRI biomarkers in MS on both 1.5T and 3T machines.

- Collaborators: Ivan Jambor, MD PhD (MGB); Christopher Hemond, MD (UMASS)

Co-Investigator and EDSS Rater

July 2018 – June 2019

Effect of MD1003 (Biotin) in Progressive Multiple Sclerosis: A Randomized Double-Blind Placebo-Controlled Study

- Participating Site: Brigham & Women's Hospital

Co-Investigator and EDSS Rater

January 2018 – June 2018

Efficacy and Safety of BILB033 (Opicinumab) as an Add-on Therapy to Disease-Modifying Therapies in Relapsing Multiple Sclerosis (AFFINITY)

- Participating Site: Lahey Hospital & Medical Center

Clinical Research Assistant

June 2011 – May 2014

Neurology Department, Lahey Hospital & Medical Center, Burlington, MA

- Researched the natural history of benign fasciculations with Doreen Ho, M.D.
- Worked on case reports and posters for the 2012 and 2013 ANA conferences with Dr. Ho

Clinical Research Coordinator

August 2008 – May 2009

Brigham & Women's Hospital, Boston, MA

- Worked on several research studies in Neurology/Neurosurgery
- Responsible for patient recruitment, biological samples, and data collection

Research Assistant

January 2008 – May 2008

Cognitive Neuroscience Lab, College of the Holy Cross, Worcester, MA

- Researched unconscious perception and control under the supervision of Greg DiGirolamo, Ph.D.
- Designed computer-based experiments, recruited subjects, and analyzed data

Research Assistant

August 2006 – December 2006

Boyartchuk Lab, University of Massachusetts Medical School, Worcester, MA

- Studied retroviruses under the supervision of Victor Boyartchuk, Ph.D.
- Constructed different forms of the APOBEC3 gene and conducted mouse experiments

Research Assistant

June 2002 – May 2003

Molecular Biology Lab, Phillips Academy, Andover, MA

- Assisted Jeremiah Hagler, Ph.D. with basic molecular biology lab techniques
- Bacterial transformation, cloning, PCR, Western blotting

PUBLICATIONS

Buathong S, **Filippakis A**, Hua Chiang C, Milshteyn E, Thomas M, Rettmann D, Hemond C, Huang SY, Jambor I. Clinical evaluation of deep learning-accelerated 3D FLAIR imaging at 1.5T and 3T for visualization of cerebral white matter lesions. *Acta Radiol*. 2026;67(9):775-783. doi: 10.1177/02841851261460842.

Santoro JD, **Filippakis A**, Chitnis T. Ketamine use in refractory status epilepticus associated with anti-NMDA receptor antibody encephalitis. *Epilepsy & Behavior Reports*. 23 June 2019; Volume 12.

Filippakis A, Jara J, Ventura N, Scala S, Scopa C, Ruthazer R, Karakis I, Srinivasan J, Russell JA, Ho D. A Prospective Study of Benign Fasciculation Syndrome and Anxiety. *Muscle Nerve*. 2018 Dec;58(6):852-854.

Filippakis A, Ho DT, Ensrud E. Radiation-induced painful neurogenic hypertrophy treated with botulinum toxin A. *J Clin Neuromuscul Dis*. 2018 Mar;19(3):135-137.

LaMela A, Lynch KM, Muriello M, Ho DT. Cerebral and spinal cord subdural hematomas. *Arch Neurol*. 2012 Apr;69(4):543.

POSTERS/PLATFORM PRESENTATIONS

Patsiogiannis V, Usher G, **Filippakis A**. Military Exposure to Trichloroethylene and Risk for Parkinson's Disease in New Hampshire: Camp Lejeune and Beyond (P2-5.018) American Academy of Neurology Annual Meeting, San Diego, California. April 2025. (Poster)

Filippakis A and Chaves C. A Case of Severe Rebound Disease Activity After Discontinuation of Fingolimod for Multiple Sclerosis. Boston Society of Neurology and Psychiatry, Cobb Assembly, Boston, Massachusetts. May 24, 2018. (Poster)

Filippakis A, Jara J, Ventura N, Scala S, Scopa C, Russell JA, Srinivasan J, Ruthazer R, Ho D. A Prospective Study of Benign Fasciculation Syndrome. American Academy of Neurology Annual Meeting, Boston, Massachusetts. April 27, 2017. (Platform Presentation)

Filippakis A, Soong M, Vytupil M, Srinivasan J, Scopa C, Ventura N, Ho D. Utility of Ultrasound in the Management of Ulnar Neuropathy Across the Elbow. American Association of Neuromuscular and Electrodiagnostic Medicine Annual Meeting, New Orleans, Louisiana. September 16, 2016. (Poster)

LaMela A, Srinivasan J, Vytupil M, Russell J, Small J, Ho D. Unilateral Femoral Neuropathy in the Setting of Drug Overdose and Anoxic Injury: Two Cases with Radiographic Findings Suggestive of Rhabdomyolysis, Compressive Neuropathy and Myonecrosis. American Neurological Association Annual Meeting, New Orleans, Louisiana. October 15, 2013. (Poster)

LaMela A, Scala S, Karakis I, Russell JA, Ho D. Anxiety in Benign Fasciculation Syndrome. American Neurological Association Annual Meeting, Boston, Massachusetts. October 8, 2012. (Poster)

SPEAKING & TEACHING ACTIVITIES

Multiple Sclerosis Association of America Patient Education Lecture: July 25, 2026

The Latest Research and Best Practices in Treating and Managing MS

Harbor Place, Haverhill, MA

University of New England College of Osteopathic Medicine: Biddeford, ME August 2023 – Present
Clinical Faculty in Neurology; Course Consultant

WDH/Coastal Neurology Services: Dover/Portsmouth, NH August 2023 – April 2025
Neurology Course Director

Community Lecture at Wentworth-Douglass Hospital in Dover, NH: March 30, 2022
Multiple Sclerosis: A Modern Management Approach

Nursing Lecture at Wentworth-Douglass Hospital in Dover, NH: May 5, 2021
Infusible Disease Modifying Therapies for Multiple Sclerosis

Community Lecture at RiverWoods Assisted Living in Durham, NH: July 15, 2020
Multiple Sclerosis: Current Treatment Approaches

Multiple Sclerosis Case Conference: January 30, 2019
American University of Beirut/Brigham & Women's Hospital, Boston, MA

The EDSS: History and Controversies: December 5, 2018
Multiple Sclerosis Division Conference, Brigham & Women's Hospital, Boston, MA

Benign Fasciculations: From Medical School Through Neurology Residency: June 14, 2018
Neurology Grand Rounds, Tufts Medical Center, Boston, MA

Women in Science and Medicine, Panelist: April 12, 2018
Brandeis University, Waltham, MA

Disorders of the Cranial Nerves: July 29, 2016
Tufts Medical Center, Boston, MA

Lesions of the Brachial Plexus: April 14, 2016
Tufts Medical Center, Boston, MA

Concussion and AAN Guidelines: March 21, 2016
Tufts Medical Center, Boston, MA

Case Presentations: January to March, 2016
Neurology Grand Rounds, Lahey Hospital & Medical Center, Burlington, MA

MEDIA APPEARANCES

HC Media (Community Television) Summer/Fall 2025
Series of short public service announcements on common neurological conditions

New Hampshire Magazine April 2024
Interviewed for the article "The Echoes of Memory Lane: When Forgetfulness Requires Intervention"

WMTW Channel 8, Maine March 2024
Interviewed for a news segment about a shooting related to a traumatic brain injury patient

Seacoast Online March 2021
Interviewed for the article "Multiple sclerosis treatment has come a long way"

MEDICAL LICENSES AND BOARD CERTIFICATION

- American Board of Psychiatry & Neurology (Neurology) since September 2018
- Massachusetts Medical License No. 274077
- New Hampshire Medical License No. 19578