

# Curriculum Vitae

## Ashwin Malhotra

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### Board Certifications & Licenses

Board Certified (63138) ABPN Neurology, 9/21/20

Board Eligible: ABPN Clinical Neurophysiology

Doctor of Medicine: Awarded 5/20/2016

National Provider Identifier: 1679936454

NYS Workers Compensation CPN-N # 302252-2

New York State Medical License Number: 302252

New Jersey State Medical License Number: 25MA11094900

NY and NJ DEA Registration (2, 2N, 3, 3N, 4, 5)

### Faculty Positions

**Capital Institute for Neurosciences**

Department of Neurology, Neurohospitalist

Pennington, NJ

10/01/21 –

**NewYork-Presbyterian Hospital/Weill Cornell Medical Center**

Department of Neurology, Clinical Instructor in Neurology

Clinical Learning Project: *Resident Education and New Technologies*

New York, NY

08/01/21 –

**Neurodiagnostics Medical P.C.**

Private Practice, President/Medical Director

NeuroInjuryCare.com, BrainHealthNYC.com

New York &

New Jersey

### Education

**NewYork-Presbyterian Hospital/Weill Cornell Medical Center**

Department of Neurology, Clinical Neurophysiology Fellowship

Fellowship Research Project: *Progression of Small Fiber Neuropathy.*

Supported by Harvey R. Miller Fellowship in Neuromuscular Disease Scholarship.

New York, NY

08/01/20 – 07/31/21

**NewYork-Presbyterian Hospital/Weill Cornell Medical Center**

Department of Neurology, Neurology Residency Training Program

Resident Scholar Research Project: *The Use of the Parkinson's KinetiGraph for Deep Brain Stimulation in Parkinson's Disease.*

Recipient of Resident Teaching Award: For excellence in teaching residents and medical students clinical neurology.

New York, NY

07/01/17 - 06/30/20

**Stony Brook University Hospital**

Department of Medicine, Internal Medicine Training Program

Resident Scholar Research Project: *Relating Cortical Thickness, 5-HT1A Receptor Expression, and Structural Connectivity in Major Depressive Disorder: Multimodal Methods in a Multifaceted Disease*

Stony Brook, NY

07/01/16 - 06/30/17

**Stony Brook University**

School of Medicine, M.D.

Graduate Thesis: *Relationship of Cortical Thickness and 5-HT 1A Receptor Expression in Major Depressive Disorder*

Stony Brook, NY

08/01/12 – 06/01/16

**Stony Brook University**

Bachelors of Science: Biochemistry Major/English Minor.

Undergraduate Thesis: *Subunit Specific Assembly and Organization of Heteromeric AMPA Receptors*

Stony Brook, NY

08/01/08 – 06/01/12

URECA Research Project: Biogenesis and Trafficking of Heteromeric AMPA Receptors in Memory Disorders

## **Funded Fellowships**

**Harvey R. Miller Fellowship in Neuromuscular Disease**, 2020-2021.  
NYPH/Weill Cornell Medical Center Neurophysiology

**AAN Regional Conference Trainee Scholarship**, 2019.  
NYPH/Weill Cornell Medical Center Neurology

**Scholarly Concentration Program**, 2012-2016.  
Stony Brook University School of Medicine

**Howard Hughes Medical Institute Research Fellowship**, 2011-2012.

**Undergraduate Research & Creative Activities (URECA) Grant**, 2012.  
Stony Brook University

## **Professional Service**

**Neurology Clerkship Objective Structured Clinical Examination**, Instructor, NYPH/Weill Cornell Medicine, Attending Physician, 2021 -

**Clinical Learning Environment Review Subcommittees** (Healthcare Quality, Patient Safety, Professionalism), NYPH/Weill Cornell Medicine, Resident, 2018-2020.

**Introduction to Clinical Medicine**, Stony Brook University SOM, Faculty, 2016–2017.

**Honor Code Committee**, Stony Brook University SOM, President, 2012–2016.

**Fit Kids for Life**, Stony Brook University SOM, Member, 2013–2016.

**SB-HOME**, Stony Brook University SOM, Member, 2013–2016.

## **Research Experience**

**NewYork-Presbyterian Hospital/Weill Cornell Medical Center** **July 2018 – May 2022**  
Department of Neurology, Peripheral Neuropathy Center  
Research Advisor: Norman Latov, MD, PhD  
Title: *Progression of Small Fiber Neuropathy*.  
Supported by Harvey R. Miller Fellowship in Neuromuscular Disease Scholarship

**Stony Brook University SOM** **January 2012 – 2017**  
**Department of Psychiatry**  
SCP Thesis Advisor: Ramin V. Parsey, MD, PhD/Dr. Christine DeLorenzo, PhD  
Title: *Relationship of 5-HT1A Receptor Density to Grey Matter Cortical Thickness in Control and Depressed Subjects in Vivo*  
Supported by SCP Fellowship.

**Stony Brook University SOM** **January 2012 – 2016**  
**Department of Psychiatry**  
SCP Thesis Advisor: Ramin V. Parsey, MD, PhD/Dr. Christine DeLorenzo, PhD  
Title: *Equivalence of Arterial-venous Sampling for Positron Emission Tomography Studies*  
Supported by SCP Fellowship.

**Stony Brook University** **January 2010 – 2016**  
**Department of Neurobiology and Behavior**  
Undergraduate Thesis Advisor: Lonnie P. Wollmuth, Ph.D.  
Title: *The Role of Transmembrane Domain in NMDA Receptor Assembly*  
Supported by HHMI Fellowship and URECA Grant

**Stony Brook University** **January 2010 – 2012**  
**Department of Neurobiology and Behavior**  
Undergraduate Thesis Advisor: Lonnie P. Wollmuth, Ph.D.  
Title: *Subunit Specific Assembly and Organization of Heteromeric AMPA Receptors* Supported by HHMI Fellowship and URECA Grant.

## Teaching Experience

**Stony Brook University SOM** **January 2016 – 2017**  
**Department of Internal Medicine**  
Faculty Mentor for the Introduction to Clinical Medicine Course.

**Stony Brook University** **September 2011 – December 2011**  
Physics for Life Sciences Teaching Assistant, Department of Physics and Astronomy. Assisted students individually and in study-groups weekly.

**Stony Brook University** **January 2012 – May 2012**  
20<sup>th</sup> Century Literature Teaching Assistant, Department of English. Helped students refine writing assignments and helped grade complicated assignments, write test questions.

**Stony Brook University** **January 2012 – May 2012**  
Student Athlete Mentoring & Tutoring, Stony Brook University. Hired as tutor for the students athletics department. Tutored student athletes.

**Stony Brook University** **January 2012 – May 2012**  
Student Government's PASS Tutoring, Stony Brook University. Hired as a student tutor in Sciences/Calculus for this student run organization funded by the University.

## Platform Presentations

**Scholarly Concentration Program Student-Research Lecture Series**, Oral Presentation: Relationship of 5-HT1A Receptor Density to Grey Matter Cortical Thickness in Control and Depressed Subjects in Vivo." Stony Brook University SOM, NY. August 2013.

**HHMI/NYSTEM Student-Research Lecture Series**, Oral Presentation: "Subunit Specific Assembly and Organization of Heteromeric AMPA Receptors." Stony Brook University, NY. July 2011.

## Poster Presentations

**Neurology Research Symposium**, Poster Presentation: "Smartphone Applications in Parkinson's Disease: current data on disease monitoring, medication adherence, and movement modulation." NYPH/Weill Cornell Medical Center Department of Neurology, NY. August 2020.

**3rd Pan American Parkinson's Disease and Movement Disorders Congress**, Poster Presentation: "*Is the Parkinson's KinetiGraph reflective of clinical off/on motor testing: Single center experience.*" Miami, FL. February 2020.

**Neurology Research Symposium**, Poster Presentation: "Major Depressive Disorder: Multimodal Methods in a Multifaceted Disease" NYPH/Weill Cornell Medical Center Department of Neurology, NY. May 2018.

**Internal Medicine Research Symposium**, Poster Presentation: "Relating Cortical Thickness, 5-HT1A Receptor Expression, and Structural Connectivity in Major Depressive Disorder: Multimodal Methods in a Multifaceted Disease" Stony Brook University Department of Medicine, NY. April 2017.

**Scholarly Concentration Program**, Poster Presentation: "Relationship of Cortical Thickness and 5-HT 1A Receptor Expression in Major Depressive Disorder." Stony Brook University SOM, NY. April 2016.

**URECA Symposium**, Poster Presentation: "Biogenesis and Trafficking of Heteromeric AMPA Receptors." Stony Brook University, NY. March 2012.

**HHMI/NYSTEM Symposium**, Poster Presentation: "Subunit Specific Assembly and Organization of Heteromeric AMPA Receptors." Stony Brook University, NY. August 2011.

**YIR Symposium**, Poster Presentation: "Subunit Specific Assembly and Organization of Heteromeric AMPA Receptors." Stony Brook University, NY. May 2011.

**Peer-  
Reviewed  
Publications**

**Malhotra, A.** and Weaver, J., 2021, December. Approach to Neuropathic Pain. In *Seminars in neurology* (Vol. 41, No. 06, pp. 744-759). Thieme Medical Publishers, Inc.

Cai, Anna; **Malhotra, Ashwin**; Kondo, Maiko; Lantos, Joshua; Dinkin, Marc J.; Sarva, Harini. *VZV Presenting as Orbital Apex Disorder in an Immunocompetent Young Man: Case Report and Review of the Literature*. 2020. [Journal of Clinical Neuromuscular Disease](#).

**Malhotra, Ashwin**; Latov, Norman. *Case Report: Relapsing Bickerstaff Brainstem Encephalitis Following Autologous Stem Cell Transplant*. 2019. [Journal of Clinical Neuromuscular Disease](#).

**Malhotra, Ashwin**; Alan Z Segal. *Thrombolysis for Acute Ischemic Stroke Following Transcatheter Aortic Valve Replacement: Case Report and Literature Review*. 2019 [The Neurologist](#).

Fernando R, Capone D, Elrich S, Mantovani R, Quarles L 3rd, D'Amato A, Lowe N, **Malhotra A**, Khoo T, Zufan S, Morales-Betoulle M, Brown SM, Cannon D, Graziano JC, Klena JD, Whitmer S, Nichol ST, Strachan P, Camins BC, Marcos LA. *Infection with New York Orthohantavirus and Associated Respiratory Failure and Multiple Cerebral Complications*. 2019. [Emerging Infectious Diseases](#).

Pillai, Rajapillai; **Malhotra, Ashwin**; Rupert, Deborah; Weschler, Bennett; Williams, John; Zhang, Mengru; Yang, Jie; Mann, J John; Oquendo, Maria; Parsey, Ramin; DeLorenzo, Christine. *Relating Cortical Thickness, Serotonin 1A Receptor Density and Structural Connectivity: A Multimodal Imaging Study*. 2018. [Human Brain Mapping](#).

**Malhotra, Ashwin**; Downs, Traci; Chang, Sunny; Chandran, Latha. *A Child with Slurred Speech and Vertigo*. 2015. [Pediatrics in Review](#).

**Malhotra, Ashwin**; Kelly, Sean; Rao, Qin; Schwartz, Danielle; Chow, Robert. *A rare presentation of cryptococcal meningoencephalitis in an immunocompetent individual*. 2017. [Clinics and practice](#).

Michaelson, N.M., **Malhotra, A.**, Wang, Z., Heier, L., Tanji, K., Wolfe, S., Gupta, A. and MacGowan, D., 2021. Peripheral neurological complications during COVID-19: A single center experience. *Journal of the Neurological Sciences*, p.120118.

Parasram, Melvin; **Malhotra, Ashwin**; Yoo, Andrea S.; and Mir, Saad A.; "HaNDL Syndrome Presenting with Thunderclap Headache." *Case Reports in Neurological Medicine* 2021 (2021).

**Malhotra, Ashwin**; Kalikstein, Abraham; Latov, Norman. *Chronic Inflammatory Demyelinating Neuropathy (CIDP) Presenting as Small Fiber Neuropathy (SFN)*. 2020. [Muscle and Nerve](#). (Submitted).

Guan, I., Trabilsy, M., Barkan, S., **Malhotra, A.**, Hou, Y., Wang, F., Hellmers, N., Sarva, H. and Henchcliffe, C., 2021. Comparison of the Parkinson's KinetiGraph to off/on levodopa response testing: Single center experience. *Clinical Neurology and Neurosurgery*, 209, p.106890.

Michaelson, Nara; **Malhotra, Ashwin**; Levi Chazen, J; Weaver, Joshua. *Rare Presentation of an Intravertebral Lumbar Myelomeningocele*. 2022. [Acta Neurologica Belgica](#). 1-2.

Michaelson, Nara; Lam, Tiffany; **Malhotra, Ashwin**; MacGowan, Daniel James Lysaght, J; Schiff, Nicholas D., *Miller Fisher syndrome presenting after second dose of Pfizer-BioNTech vaccination in a patient with resolved COVID-19 infection – a case report*. 2021. [Journal of Clinical Neuromuscular Disease](#).

**Malhotra, Ashwin**; Trabilsy, Maissa; Shtilbans, Alexander; Xu, Zhenxing; Wang, Fei; Lee, Andrea; Patel, Dylan; Hellmers, Natalie; Strybing, Kristin; Kaplitt, Michael; Henchcliffe, Claire; Sarva,

Harini. *The Use of the Parkinson's KinetiGraph for Deep Brain Stimulation in Parkinson's Disease*. 2020. (Submitted).

Tripathi, Susmit; **Malhotra, Ashwin**; Qazi, Murtaza; Chou, Jingyuan; Wang, Fei; Ellsworth, Helen; Hellmers, Natalie; Henchcliffe, Claire; Sarva, Harini. *Clinical Review of Smartphone Applications in Parkinson's Disease*. 2020. [The Neurologist](#).

**Malhotra, Ashwin**; Al-Khalil, Ramsey; D'Addario, Justin; Baig, Imran. *The underrecognized Cardiac Manifestation of Hypereosinophilic Syndrome*. Case Report (Submitted).

**Malhotra, Ashwin**; Qadeer, Asem H; Jones, R; Abdullah, R; Steigbigel, R. *INFECTIOUS SACROILIITIS – A RADIOGRAPHIC NO TOUCH LESION*. Case Report (Submitted).

## Published Abstracts

**Malhotra, Ashwin**; Trabilsy, Maissa; Shtilbans, Alexander; Xu, Zhenxing; Wang, Fei; Lee, Andrea; Patel, Dylon; Hellmers, Natalie; Strybing, Kristin; Kaplitt, Michael; Henchcliffe, Claire; Sarva, Harini. *Is the Parkinson's KinetiGraph reflective of clinical off/on motor testing: Single center experience*. 2020 3rd Pan American Parkinson's Disease and Movement Disorders Congress. Conference abstract and poster.

Qadeer, Asem H (Member); **Malhotra, Ashwin**; Jones, R; Abdullah, R; Steigbigel, R. *INFECTIOUS SACROILIITIS – A RADIOGRAPHIC NO TOUCH LESION*. 2017 ACP Internal Medicine Meeting. Conference abstract.

Al-Khalil, Ramsey (Member); **Malhotra, Ashwin**; D'Addario, Justin; Baig, Imran. *The underrecognized Cardiac Manifestation of Hypereosinophilic Syndrome*. 2017 ACP Internal Medicine Meeting. Conference abstract.

Rossano, S, DeLorenzo, C, **Malhotra, A**, Pillai, RLI, Esterlis, I, Lin, S, Kapinos, M, Nabulsi, N, Huang, Y, Carson, RE, Parsey, RV, Zanderigo, F. *Comparison of Arterial and Venous Blood Sampling for Positron Emission Tomography with 11C-CUMI-101*. 2016 International Symposium on Functional NeuroReceptor Mapping of the Living Brain. Conference abstract and poster.

Salussolia, CL, Gan, Q, **Malhotra, A** and Wollmuth, LP. *Role of Transmembrane Domain Interactions in NMDA Receptor Assembly*. 2015 Society for Neuroscience. Conference abstract and poster.

## Professional Society Memberships

American Academy of Procedural Management (AAOPM)  
American Academy of Pain Management (AAPM)  
Brain Injury Association of New York State (BIANYS)  
Medical Society of the State of New York (MSSNY)  
American Association of Neuromuscular & Electrodiagnostic Medicine (AANEM)  
American Clinical Neurophysiology Society (ACNS)  
The International Parkinson and Movement Disorder Society (MDS)  
Peripheral Nerve Society (PNS)  
Society for Neuroscience (SFN)  
American Academy of Neurology (AAN)  
American Medical Association (AMA)

## Procedural Experience & Research Interests

EMG/NCS, EEG, EP Studies, IOM, LP, autonomic testing, Botox for migraines and limb dystonia/spasticity.  
Traumatic brain injury, dementia prevention/anti-aging brain health. Traumatic neuropathy/radiculopathy, small fiber neuropathy, peripheral demyelinating disorders, refractory secondary headache disorders.

## Extracircular Activities

Recreational Sports, NYPH/Weill Cornell Basketball Club (2018 – 2021).  
Fitness/Powerlifting Club, Stony Brook University SOM, President (2013 – 2017).  
Biochemistry Society, Stony Brook University, Mentor (2009 – 2016).  
University Scholar's Program, Stony Brook University, Mentor (2008 – 2016).

Recreational Sports, Stony Brook University/SOM, Basketball (2008 – 2016).

## References

Mathew S. Robbins MD, Neurology Residency Program Director  
NYPH/Weill Cornell Medical Center Neurology, (212) 746-7038

Michael Rubin MD, CM, Professor of Neurology and Director of the Neuromuscular Disease Center,  
NYPH/Weill Cornell Medical Center Neurology, (212) 746-2320

Matthew Fink MD, Louis and Gertrude Feil Professor and Chairman of the Department of Neurology,  
NYPH/Weill Cornell Medical Center Neurology, (212) 746-4564

Barry Kosofsky MD, PhD, Horace W. Goldsmith Foundation Professor of Pediatrics and the Director  
of the Horace W. Goldsmith Foundation Laboratory of Molecular and Developmental Neuroscience.  
Director of the Weill Cornell Medicine Concussion and Brain Injury Clinic, (917) 874-3611

Joshua Weaver, MD, Co-Director of the Weill Cornell Medicine Center for Comprehensive Spine  
Care and Assistant Professor of Neurology, New York Presbyterian Hospital-Weill Cornell Medical  
College, (347) 244-0593

Stephen C. Karceski MD, Director of Clinical Trials at the Weill Cornell Epilepsy Center and  
Assistant Professor of Neurology, New York Presbyterian Hospital-Weill Cornell Medical College,  
(212) 746-5519

Harini Sarva MD, Assistant Professor of Clinical Neurology, Department of Movement Disorders,  
NYPH/Weill Cornell Medical Center Neurology, (212) 746-2584

Alan Zachary Segal MD, Associate Professor of Clinical Neurology and Director of the Neurology  
Vascular Neurology Fellowship, New York Presbyterian Hospital-Weill Cornell Medical College  
(646) 962-7378

Rachna Malani MD, Assistant Professor, Department of Neurology and Neuro-oncology, Memorial  
Sloan Kettering Cancer Center, (408) 859-3492

Daniel J. Luciano MD, Assistant Professor, Department of Neurology, Co-Director Adult Epilepsy  
for NYU Epilepsy Service, NYU Langone Medical Center, (646) 558-0805

Ramin Parsey MD, PhD, Professor and Chair of the Department of Psychiatry Director of PET  
Research, Stony Brook University SOM, (631) 444-2399

Cara Harth MD, Neurology Residency Program Director  
Stony Brook University SOM, (631) 444-2599