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Clinical Practice and Administration

Experience

- 8/16/2022 - Present** **Physician – NeuroNow Corp**
Founder, CEO, President
- 7/1/2018 – 8/15/2022** **Physician – Mayo Clinic Florida**, Jacksonville, Florida
Consultant – Department of Neurology
Consultant (Joint Appointment) – Dept of Critical Care
Consultant (Joint Appointment) – Dept of Neurosurgery
Assistant Professor of Neurology
Assistant Professor of Medicine
Vice-Chair of Research – Dept of Critical Care

Education

- 7/1/2016 – 6/30/2018** **Mayo Clinic Florida**, Jacksonville, Florida
Neurocritical Care Fellowship
- 7/1/2013 – 6/30/2016** **Mayo Clinic Florida**, Jacksonville, Florida
Neurology Residency
Chief Resident
- 7/1/2012 – 6/30/2013** **Mayo Clinic Florida**, Jacksonville, Florida
Internal Medicine Internship
- 8/2008 – 5/2012** **Indiana University School of Medicine**, Fort Wayne and Indianapolis, Indiana
- 8/2004 – 05/2008** **Wabash College**, Crawfordsville, Indiana
B.A., Major – Biology, Minor – Chemistry, Mathematics

Certification

- 2021 – Present** **Neurocritical Care Board Certification**
American Board of Psychiatry and Neurology
- 2019 – Present** **Neurocritical Care Board Certification**
United Council for Neurologic Subspecialties
- 2016 – Present** **General Neurology Board Certification**
American Board of Psychiatry and Neurology
- 2015 – Present** **Advance Cardiovascular Life Support**
American Heart Association
- 2015 – Present** **Emergency Neurological Life Support**

Neurocritical Care Society

2014 – Present

NIH Stroke Scale Certification
National Institutes of Health

Licensure

2013 – Present
2016 – Present
2018 – Present
2018 – Present
2018 – Present
2018 – Present
2022 – Present

Florida
Georgia
Wisconsin
Arizona
Iowa
Minnesota
Indiana

Honors and Awards

2017

Mayo Brothers Distinguished Fellowship Award
Mayo Clinic Department of Education Administration

2016

Excellence in Interprofessional Education, Community Outreach
Mayo Clinic Florida, Jacksonville, Florida

2016

William R. Turk Award for Excellence in Pediatric Neurology
Mayo Clinic Florida, Jacksonville, Florida

2016

Resident Research Travel Scholarship
American Academy of Neurology Annual Meeting, Vancouver, Canada

2016

Palatucci Action Plan Support Grant
American Academy of Neurology

2015

Above and Beyond, Patient Care
Mayo Clinic Florida, Jacksonville, Florida

2015

Above and Beyond, Teamwork
Mayo Clinic Florida, Jacksonville, Florida

2014

Recognition of Excellence in Teaching Award Nominee
Mayo Clinic Florida, Jacksonville, Florida

2014

Above and Beyond, Teamwork
Mayo Clinic Florida, Jacksonville, Florida

2012

Community Service Leadership Award
Indiana University School of Medicine, Indianapolis, Indiana

2008 – 2012

Deans Scholarship for Merit
Indiana University School of Medicine, Indianapolis, Indiana

2008

Phi Beta Kappa, National Honors Society
Wabash College, Crawfordsville, Indiana

2007

Community Service Award for Outstanding Work
Wabash College, Crawfordsville, Indiana

Committees and Leadership Roles

- 2020 – 2022** **COVID-19 Treatment Review Panel, Chair**
Mayo Clinic Florida, Jacksonville, Florida
- 2019 – 2022** **Executive C2IMP Team, Critical Care Medicine**
Mayo Clinic Florida, Jacksonville, Florida
- 2019 – 2022** **BrainPAC Executive Committee, American Academy of Neurology**

Professional Memberships and Societies

- 2015 – Present** **Neurocritical Care Society**
2014 – Present **Florida Society of Neurology**
2013 – Present **American Academy of Neurology**
2012 – Present **American College of Physicians**
2012 – Present **Florida Society of Internal Medicine**
2008 – Present **American Medical Association**

Professional Career Development

- 2/2020** **Neurology on the Hill, American Academy of Neurology**
Washington, D.C.
- 1/2016** **Palatucci Advocacy Leadership Forum, American Academy of Neurology**
Amelia Island, Florida
- 2/2016** **Neurology on the Hill, American Academy of Neurology**
Washington, D.C.

Academic Practice, Research, and Education

Bibliography

1. Albrecht DS, Lee JT, Molby N, Rhodes SD, Dam HM, **Siegel JL**, Porter LA. Functionalized Porous Silicon in a Simulated Gastrointestinal Tract: Modeling and Biocompatibility of a Monolayer Protected Nanostructured Material. *MRS Proceedings*.2011;1063:1063-OO06-01.
2. Festic E, **Siegel J**, Stritt M, Freeman WD. The utility of serum procalcitonin in distinguishing systemic inflammatory response syndrome from infection after aneurysmal subarachnoid hemorrhage. *Neurocrit Care*. 2014 Jun; 20 (3):375-81 PMID: 24522762 DOI: 10.1007/s12028-014-9960-4
3. **Siegel J**, Harriott AM. Clinical Reasoning: A case of unilateral facial pain. *Neurology*. 2015 May 26; 84(21):e170-4. PMID: 26009565 DOI: 10.1212/WNL.0000000000001604
4. **Siegel J**, Edwards E, Mooney L, Smith C, Smith C, Peel JB, Dole A, Maler P, Freeman WD. A feasibility pilot using a mobile personal health assistant (PHA) app to assist stroke patient and caregiver communication after hospital discharge. *Mhealth*. 2016; 2:31 Epub 2016 Aug 09 PMID: 28293604 PMCID: 5344132 DOI: 10.21037/mhealth.2016.08.02
5. **Siegel J**, Tatum WO 4th. Index-finger pointing in generalized tonic-clonic seizures. *Epilepsy Behav*. 2016 May; 58:18-21 Epub 2016 Mar 18 PMID: 26994878 DOI: 10.1016/j.yebeh.2016.02.022
6. Emhardt E, **Siegel J**, Hoffman L. Anatomic variation and orgasm: Could variations in anatomy explain differences in orgasmic success? *Clin Anat*. 2016 Jul; 29 (5):665-72 Epub 2016 Apr 04 PMID: 26916103 DOI: 10.1002/ca.22703

7. Pizzi MA, Alejos DA, **Siegel JL**, Kim BY, Miller DA, Freeman WD. Cerebral Venous Thrombosis Associated with Intracranial Hemorrhage and Timing of Anticoagulation after Hemicraniectomy. *J Stroke Cerebrovasc Dis.* 2016 Sep; 25 (9):2312-6 Epub 2016 June 16 PMID: 27321968 DOI: 10.1016/j.jstrokecerebrovasdis.2016.05.025
8. **Siegel J**, Freeman WD, Broderick DF, Robles H, Thiel DD, Wszolek ZK. Ostry pooperacyjny zespół kręgowo-podstawny – znaczenia lokalizacji klinicznej (Polish) [Postoperative acute vertebrobasilar syndrome – the importance of clinical localization]. *Medycyna Praktyczna Neurologia* 2016.2016;(3):61-66.
9. **Siegel J**, Tatum WO. Hand postures in primary and secondary generalized tonic-clonic seizures. *Neurology.* 2016 Oct 25; 87: (17):1802-1805. PMID: 27664987 DOI: 10.1212/WNL.0000000000003257
10. Burrell C, Avalon NE, **Siegel J**, Pizzi M, Dutta T, Charlesworth MC, Freeman WD. Precision medicine of aneurysmal subarachnoid hemorrhage, vasospasm and delayed cerebral ischemia. *Expert Rev Neurother.* 2016 Nov; 16 (11):1251-1262 Epub 2016 July 11 PMID: 27314601 PMCID: 5573230 DOI: 10.1080/14737175.2016.1203257
11. **Siegel JL**, Pizzi MA, Freeman WD. Stroke Diagnosis and Treatment in the Emergency Department. *JAMA Neurol* 2017 Mar 1; 74 (3):362 PMID: 28114682 DOI: 10.1001/jamaneurol.2016.5561
12. **Siegel JL**. Author response: Hand postures in primary and secondary generalized tonic-clonic seizures. *Neurology.* 2017 Apr 25; 88 (17):1683 PMID: 28438844 DOI: 10.1212/WNL.0000000000003879
13. Lopez Chiriboga AS, **Siegel JL**, Tatum WO, Shih JJ, Flanagan EP. Striking basal ganglia imaging abnormalities in LGI1 ab faciobrachial dystonic seizures. *Neurol Neuroimmunol Neuroinflamm.* 2017 May; 4 (3):e336 Epub 2017 Mar 14 PMID: 28331893 PMCID: 5350622 DOI: 10.1212/NXI.0000000000000336
14. Vazquez do Campo R, **Siegel J**, Goldstein E, Dimberg E. Clinical Reasoning: A 45-year-old man with weakness and myalgia after orthopedic surgery. *Neurology.* 2017 May 9; 88 (19):e185-e189 PMID: 28483995 DOI: 10.1212/WNL.0000000000003914
15. Lopez-Chiriboga AS, Yoon JW, **Siegel JL**, Harriott AM, Pirris S, Eidelman BH, Freeman WD. Granulomatous Angiitis of the Central Nervous System Associated with Hodgkin's Lymphoma: Case Report and Literature Review. *J Stroke Cerebrovasc Dis.* 2018 Jan; 27 (1):e5-e8 Epub 2017 Sept 21 PMID: 28943218 PMCID: 8211428 DOI: 10.1016/j.jstrokecerebrovasdis.2017.08.029
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17. **Siegel JL**, Hampton K, Rabinstein AA, McLaughlin D, Diaz-Gomez JL. Oxygen Therapy with High-Flow Nasal Cannula as an Effective Treatment for Perioperative Pneumocephalus: Case Illustrations and Pathophysiological Review. *Neurocrit Care.* 2018 Dec; 29 (3):366-373 PMID: 28932993 DOI: 10.1007/s12028-017-0464-x
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22. Turnbull MT, **Siegel JL**, Becker TL, Stephens AJ, Lopez-Chiriboga AS, Freeman WD. Early Bortezomib Therapy for Refractory Anti-NMDA Receptor Encephalitis. *Front Neurol*. 2020; 11:188 Epub 2020 Mar 27 PMID: 32292386 PMCID: 7118211 DOI: 10.3389/fneur.2020.00188
23. Mackintosh C, Tewari A, **Siegel J**, Wang RD, Freeman W. Postoperative Euglycemic Diabetic Ketoacidosis and Encephalopathy Related to SGLT-2 Inhibitors: A Case Report and Discussion of Diabetes Treatment and "Sweet Pee Encephalopathy" in Perioperative Hospital Management. *Neurohospitalist*. 2020 Jan; 10 (1):51-54 Epub 2019 Mar 07 PMID: 31839866 PMCID: 6900651 DOI: 10.1177/1941874419835035
24. Rose MQ, Freeman WD, Santos CD, Rubin DI, **Siegel JL**. Guillain-Barré Syndrome after an Acute Hepatitis E Infection: A Case Report and Literature Review of Emerging Entity. ACCEPTED PENDING REVISIONS. *Critical Care Nurse*. 2020.
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26. Zahra K, Turnbull MT, Zubair AC, **Siegel JL**, Venegas-Borsellino CP, Tawk RG, Freeman WD. A Combined Approach to Intracerebral Hemorrhage: Intravenous Mesenchymal Stem Cell Therapy with Minimally Invasive Hematoma Evacuation. *J Stroke Cerebrovasc Dis*. 2020 Aug; 29 (8):104931 Epub 2020 May 30 PMID: 32689636 DOI: 10.1016/j.jstrokecerebrovasdis.2020.104931
27. Tipton PW, D'Souza CE, Greenway MRF, Peel JB, Barrett KM, Eidelman BH, Meschia JF, Mauricio EA, Hattery WM, **Siegel JL**, Huang JF, TerKonda SP, Demaerschalk BM, Freeman WD. Incorporation of Telestroke into Neurology Residency Training: "Time Is Brain and Education". *Telemed J E Health*. 2020 Aug; 26 (8):1035-1042 Epub 2019 Dec 10 PMID: 31821116 DOI: 10.1089/tmj.2019.0184
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PMCID: 8589268 DOI: 10.1212/WNL.0000000000011417

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PMCID: 7831394 DOI: 10.1016/j.mayocp.2020.12.006
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37. Bansal P, Yarrarapu S, Abia D, Cusik A, Melody ME, Moktan VP, Rivero A, Brigham T, Libertin CR, Brumble L, O'Brien J, Lee AS, Torp KD, Santos CD, Rivera CE, **Siegel J**, Guru PK, Moreno P, Sanghavi DK. V.I.T.A.M. in COVID 19: A systematic approach to a global pandemic *Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine*. 2021.
38. Rose MQ, Santos CD, Rubin DI, **Siegel JL**, Freeman WD. Guillain-Barre Syndrome After Acute Hepatitis E Infection: A Case Report and Literature Review. *Crit Care Nurse*. 2021 Aug 1; 41 (4):47-53 PMID: 34333618 DOI: 10.4037/ccn2021129
39. Yarrarapu SNS, Bansal P, Abia-Trujillo D, Cusick A, Melody M, Moktan V, Rivero A, Brigham TJ, Libertin C, Brumble L, Jennifer JO, Lee A, Klaus T, Santos C, Rivera C, **Siegel J**, Guru P, Franco PM, Sanghavi D. V.I.T.A.M. in COVID 19: A Systematic Approach to a Global Pandemic. *Clin Med Insights Circ Respir Pulm Med*. 2021; 15:11795484211047432 Epub 2021 Oct 04 PMID: 34629922 PMCID: 8493324 DOI: 10.1177/11795484211047432
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Books

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Book Chapters

1. Tatum WO, Marin-Collazo V, **Siegel J.** EEG in Epilepsy. In: Greenamyre JT. *MedLink Neurology*. San Diego, CA: MedLink Corporation;
2. Tatum WO, **Siegel JL.** EEG in Epilepsy. In: John Stern, MD. *Medlink Neurology*. San Diego, CA: MedLink Corporation;
3. **Siegel JL,** Tatum WO. Short-Term Ambulatory EEG. In: William O. Tatum, IV, DO. *Ambulatory EEG Monitoring*. 1 ed. New York: Demos Medical Publishing; 115p.
4. **Siegel JL.** Artifacts of Neuromonitoring. In: William O Tatum, IV, editor(s). *Atlas of Artifacts in Clinical Neurophysiology*. 1 ed. Chapter 4. New York: Demos; 2019. p. 51.
5. Ratzlaff RA, **Siegel JL.** Cardiogenic Shock. In: Eelco FM Wijdicks, William D. Freeman, Alejandro A. Rabinstein, James Findlay, Jose Diaz-Gomez, Ayan Sen. *Mayo Clinic Neurocritical Care and Intensive Care Board Review*. 1 ed. Mayo Clinic Scientific Press and Oxford University Press;
6. Kamireddi , P, **Siegel JL,** Dickson DW. Rapidly Progressive Dementia and Coma. In: Eelco FM Wijdicks, William D. Freeman, Alejandro A. Rabinstein, James Findlay, Jose Diaz-Gomez, Ayan Sen. *Mayo Clinic Neurocritical Care and Intensive Care Board Review*. 1 ed. Mayo Clinic Scientific Press and Oxford University Press;
7. **Siegel JL.** Neurological Emergencies in Pregnant Patients. In: Alejandro A. Rabinstein, editor(s). *Neurological Emergencies*. Chapter 20. Switzerland: Springer; 2019. p. 357.

Other Abstracts

1. Dredla B, **Siegel J,** Jaeckle K. Cerebral infarction secondary to pulmonary vein compression and left atrial appendage tumor infiltration as the presenting sign of metastatic squamous cell carcinoma of the base of the tongue. *Neuro-oncol.* 2014 Nov; 16.
2. Marin Collazo IV, Dredla BK, Mauricio EA, Dimberg EL, Freeman WD, Capobianco DJ, Eidelman BH, Meschia JF, Mooney LH, **Siegel JL,** Mari Acevedo JA, Vasquez AR, Lopez Chiriboga AS, Peel JB. A Quality Improvement Initiative to Improve Door to Needle Time in Acute Stroke Eligible Patients among Neurology Residents 2016 Mayo Clinic Quality Conference. 2016 Mar.
3. Marin Collazo IV, Dimberg EL, Mauricio EA, Dredla BK, **Siegel JL,** Burrell C, Mari Acevedo JA, Vasquez AR, Lopez Chiriboga AS, Peel JB, McKay JH, Sener UT, D'Souza CE, Smelick CP, Rappoport AS, Yang Y. Quality Improvement in Polyneuropathy Assessment among Neurology Trainees 2016 Mayo Clinic Quality Conference. 2016 Mar.
4. Goldstein E, Mauricio E. Telestroke training in neurology residency training programs: first steps for training in global medicine *Mayo Clinic Convergence Neuroscience* 2017. 10/24/17.
5. Mackintosh C, **Siegel JL,** Freeman WD. "Sweet Pee Encephalopathy": Perioperative euglycemic ketoacidosis related to SGLT-2 Inhibitors 4th Annual Neuro and Intensive Care: Review and Hands-On Workshops. 2018.

6. Ebot J, Diaz MA, Libertin C, **Siegel JL**, Ng L, Freeman WD, Wharen R. Ceftaroline 5th Generation Cephalosporin added to Vancomycin for Refractory MRSA Epidural Spinal Abscess 4th Annual Neuro and Intensive Care: Review and Hands-On Workshops. 2018.
7. Borsato GC, Rose MQ, **Siegel JL**, Meeder M, Feyissa A, Quinones-Hinojosa A, Freeman WD. Low Dose IV Ketamine for Medically Refractory Epilepsy 4th Annual Neuro and Intensive Care: Review and Hands-On Workshops. 2018.
8. Tipton PW, D'Souza CE, Peel JB, Barrett KM, Eidelman BH, Meschia JF, Mauricio EA, Hattery WM, Strauss DM, Putzier RF, **Siegel JL**, Delaney TR, Lannen AM, Simon LV, Ferreira R, Gamble D, Dimberg EL, Huang JF, TerKonda SP, Freeman WD. Neurology Resident Education in Prehospital Stroke Telemedicine to Enhance Stroke Systems of Care using High-Fidelity Simulation to Obtain NIH Stroke Scale prior to Emergency Department Arrival. 5th Annual Florida Telehealth Summit. 2018.
9. Marshall RS, Lazar RM, Meschia JF, Meyers PM, Connolly ES, Gutierrez J, Lal BK, Lehman VT, Lindell EP, **Siegel JL**, Lin M, Honda T, Edwards LJ, Huston J, Brott TG, Liebeskind DS. Can the Human Eye Match a Computer Algorithm in Identifying Hypoperfusion in Asymptomatic Carotid Artery Stenosis? International Stroke Conference 2020, Los Angeles, CA. Feb. 19-21, 2020.
10. Freeman WD, Rogers AN, **Siegel J**, Peacock SH, Tatum W, Rogers ER, Jackson DA. Levetiracetam Neuropsychiatric Disturbances Hidden in Plain Sight and Pharmacogenomics of Severe Adverse Drug Reactions of Commonly used NeuroICU Anti-Epileptic Drugs Neurocritical Care. 2020; Abstract no. 206.
11. Turnbull M, Ross OA, Lesser ER, Carter RE, Cowart J, Reid JM, Meschia JF, Weinshilboum RM, Pizzi MA, **Siegel JL**, Santos CD, Peacock SH, Freeman WD. Pharmacogenomics of Nimodipine in Aneurysmal Subarachnoid Hemorrhage on Adverse Drug Events of Dose-Related Hypotension, Dose-Reduction, and Clinical Outcomes Neurocritical Care. 2020; Abstract no. 1140.
12. Peacock SH, Kaneez Zahra MBBS, Turnbull M, Santos CD, Jackson DA, Tawk RG, **Siegel JL**, Freeman WD. Safety and Tolerability of Concentrated Intraventricular Nicardipine for SAH-Related Delayed Cerebral Ischemia Neurocritical Care. 2020.
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14. Tomlinson AD, Ojard M, Lykins A, Onweni CL, McPhearson K, Rogers AN, **Siegel JL**. Cardiac Tamponade Following CT Contrast Injection: A Case Report Critical Care Medicine. 2021; 49(1):189.
15. Santos CD, Grek AA, Ojard M, Propst JA, Hastings J, Krider TL, Villar D, Sanghavi DK, Freeman WD, **Siegel JL**. Tele-Monitoring Non-Critically Ill COVID-19 Patients: An Advanced Practice Provider-Led Initiative Critical Care Medicine. 2021; 49(1):100. Abstract no. 229.
16. Peacock SH, Gassie K, Boniface M, Lee SJ, Bonner WM, Gunasekera CL, Robles HA, **Siegel JL**. Acute Flaccid Paralysis as Initial Presentation of Rapidly Progressive Bacterial Meningitis Critical Care Medicine. 2021; Abstract no. 749.
17. Bhansali S, Lamb C, **Siegel J**. ICU diagnosis of neuromuscular respiratory failure. Journal of the Peripheral Nervous System. 2022 Jul; 27(Suppl 3):S81

Letters

1. **Siegel J**, Lundy L, Dove C, Mansour P, Wszolek ZK. Novel radiology method for investigating middle ear myoclonus. Clin Anat. 2016 Sep; 29(6):811-2. Epub 2016 May 11. PMID:27087543 DOI:10.1002/ca.22728
2. Saw JL, Sidiqi MH, Ruff M, Hocker S, Alkhateeb H, Ansell SM, Bennani NN, Dingli D, Hayman SR, Johnston PB, Kapoor P, Kenderian SJ, Kourelis TV, Kumar SK, Paludo J, Shah MV,

Siddiqui MA, Warsame R, Rosenthal A, Grill M, Castro JE, **Siegel J**, Abdel Rahman ZH, Kharfan-Dabaja MA, So E, Lin Y. Acute seizures and status epilepticus in immune effector cell associated neurotoxicity syndrome (ICANS). *Blood Cancer J.* 2022 Apr 13; 12(4):62. PMID:35418113 DOI:10.1038/s41408-022-00657-x

Poster Presentation

- 2018** **Proteomics and sTNFR1a Prediction of Neurological Outcomes in Aneurysmal Subarachnoid Hemorrhage.** Siegel J
4th Annual Neuro and Intensive Care: Review and Hands-On Workshops
Orlando, Florida
- 2016** **Enhanced Communication for ICU Patients to Remote Family Members using and AV Telecommunication Platform.** Siegel, J., Porter, R., Roche-Green, A., Robinson, M., TerKonda, S., Hattery, W., Freeman, WD.
3rd Annual Florida TeleHealth Summit
Safety Harbor, Florida
- 2016** **Usefulness of Ultrasound Lung Comets as a Sign of Interstitial Pulmonary Edema in Patients with Subarachnoid Hemorrhage Receiving Fluid Resuscitation: "US-Lung-COMET Study"**
Siegel J, Freeman WD, Mergo P, Williams E, Edwards E, Dakahl L, Diaz-Gomez J
14th Annual Neurocritical Care Society Meeting
National Harbor, Maryland
- 2016** **An Unusual Case of Acquired Alexia without Agraphia Caused by Perioperative Stroke.** Siegel J, Sener U, Eidelman B.
68th American Academy of Neurology Annual Meeting
Vancouver, British Columbia, Canada
- 2016** **A case of bilateral "middle ear myoclonus."** Siegel J, Wszolek Z.
68th American Academy of Neurology Annual Meeting
Vancouver, British Columbia, Canada
- 2016** **Hand Postures in Primary and Secondary Generalized Tonic-Clonic Seizures.** Siegel J, McKay J, Tatum WO
2016 American Clinical Neurophysiology Society Annual Meeting
Orlando, Florida
- 2015** **Cerebral Venous Thrombosis Associated with Intracranial Hemorrhage and the Timing of Anticoagulation: Case Report and Literature Review.** Siegel J, Pizzi M, Alejos D, Freeman WD.
7th Annual Amelia Island Stroke Conference
Amelia Island, Florida
- 2015** **Sinusitis as an Occult Source of Fever in Aneurysmal Subarachnoid Hemorrhage.** Siegel J, Festic E, Cable C, Nagel J, Gupta V, Freeman WD
13th Annual Neurocritical Care Society Meeting
Scottsdale, Arizona
- 2015** **Hand Signs in Primary and Secondarily Generalized Motor Seizures.** Siegel J, Tatum W.O.
2015 ACNS Annual Meeting
Houston, Texas

- 2014** **Cerebral Infarction as the Presenting Sign of Metastatic Tongue Carcinoma to the Lungs.** Siegel J, Dredla, B Jaeckle K.
6th Annual Amelia Island Stroke Conference
Amelia Island, Florida
- 2014** **Myasthenia Gravis and Idiopathic Orbital Inflammation.** Siegel, J., Marin-Collazo, I., Cortese, C., Mauricio, E.
Florida Society of Neurology Annual Meeting
Orlando, Florida
- 2008** **Controlling Surface Functional Groups on Monolayer Protected Porous Silicon.** Siegel J, Porter L.
235th American Chemical Society National Meeting & Exposition
New Orleans, Louisiana
- 2007** **Stability of Functionalized Porous Silicon in a Simulated Gastrointestinal Tract.** Albrecht D., Dam H., Siegel J., Porter L
233rd American Chemical Society National Meeting & Exposition
Chicago, Illinois
- 2007** **Functionalization of Porous Silicon Using Microwave Radiation.** Siegel J, Porter L
Wabash College Celebration of Student Research, Scholarship, and Creative Work
Crawfordsville, Indiana

National and Regional Lectures and Education

- 5/6/2022** **Rapid EEG**
8th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida
- 5/6/2022** **ICU EEG Workshop and Case Based Didactics**
8th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida
- 5/7/2021** **ICU EEG Workshop and Case-Based Debates**
7th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida
- 5/7/2021** **Clinical Management of Super-Refractory Status Epilepticus and Ketogenic Diet**
7th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida
- 5/11/2019** **NCS Standards for Neuro ICUs: Help or Hurt?**
5th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida
- 5/10/2019** **Brain Death Workshop: “Pearls, Pitfalls, and Protocols”**
5th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops, and Controversies
Orlando, Florida

- 5/9/2019** **ICU EEG Workshop and Case-Based Debates**
5th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops,
and Controversies
Orlando, Florida
- 11/3/2018** **ICU Care of the SAH Patient**
3rd Annual Cerebrovascular Stroke Conference
Naples Community Hospital, Naples, Florida
- 5/19/2018** **EEG- Pearls for Practical NeuroICU Monitoring**
4th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops,
and Controversies
Orlando, Florida
- 5/18/2018** **Neuromonitoring: Transcranial Doppler and Optic Nerve
Sheath Diameter Ultrasound Workshop**
4th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops,
and Controversies
Orlando, Florida
- 5/18/2018** **TTM Basics- Mechanisms, Methods, and Morbidities**
4th Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops,
and Controversies
Orlando, Florida
- 5/5/2017** **TTM Basics- Mechanisms, Methods, and Morbidities**
3rd Annual Mayo Clinic Neuro and Intensive Care: Review, Workshops,
and Controversies
Orlando, Florida
- 4/21/2016** **Hand Postures in Primary and Secondary Generalized Tonic-
Clonic Seizures: A new Semiological Feature**
68th American Academy of Neurology Annual Meeting
Vancouver, British Columbia, Canada
- 2/13/2016** **Hand Postures in Primary and Secondary Generalized Tonic-
Clonic Seizures**
2016 American Clinical Neurophysiology Society Annual Meeting
Orlando, Florida
- 9/19/2015** **Mobile Health (mHealth) Apps for Stroke: Are they ready for
Prime-Time?**
7th Annual Amelia Island Stroke Conference
Amelia Island, Florida

Local Lectures and Education

- 2021** **The use of Rapid EEG in the ICU, Neurocritical Care Grand Rounds**
Mayo Clinic Florida, Jacksonville, Florida
- 2020** **Settling the Score: Prognosis in the NSICU, Neurocritical Care
Grand Rounds**
Mayo Clinic Florida, Jacksonville, Florida
- 2019** **Updates in the Neurocritical Care of Stroke, Baptist Health Care
Stroke Symposium**
Pensacola, Florida

- 2019** **Acute Stroke Management**, Brevard Indo-American Medical and Dental Association
Rockledge, Florida
- 2019** **Interesting Cases in Neuroinfectious Diseases**, Critical Care Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2019** **Malignant Cerebral Edema: Playing the Endgame**, Neurology Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2019** **The NeuroICU and You: What is Neurocritical Care, and why should you care?** Internal Medicine Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2018** **Sundowning, Encephalopathy, and Delirium: Removing the Confusing of Inpatient Geriatrics**, Grand Rounds
Tift Regional Medical Center, Tifton, Georgia
- 2018** **Meningitis and Strokes; or the Problem of Delayed Cerebral Injury in the Neuro ICUB**, Neurology Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2017** **Neurology in the Stratosphere**, Neurology Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2017** **CLEAR III**, Neurosurgical and Neuroscience Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2016** **Nonconvulsive Status Epilepticus, or: When and why to or an EEG**, Neurocritical Care Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2016** **Game, SETPOINT, Match: Early Tracheostomy Versus Prolonged Orotracheal Intubation in Ventilated Stroke Patients**, Neurocritical Care Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2016** **Usefulness of Ultrasound Lung Comments as a Sign of Interstitial Pulmonary Edema in Patients with Subarachnoid Hemorrhage Receiving Fluid Resuscitation: “US-Lung-COMET Study”**, Neurocritical Care Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2016** **Seizures for the First Responder**
University of Florida Jacksonville, Jacksonville, Florida
- 2016** **Acute Stroke Management Made Easy**
Mayo Clinic Florida, Jacksonville, Florida
- 2016** **A Case of “Middle Ear Myoclonus”**, Internal Medicine Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2015** **A Neurologist’s Approach to Altered Mental Status**, Northeast Florida American Association of Neuroscience Nurses
Saint Vincent’s Ascension Southside, Jacksonville, Florida
- 2015** **Management of Intracranial Pressure**, Neurology Continuum Club

Mayo Clinic Florida, Jacksonville, Florida

- 2015** **Sinusitis as an Occult Source of Fever in Aneurysmal Subarachnoid Hemorrhage**, Neurocritical Care Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2015** **Anti-MOG Antibodies are Present in a Subgroup of Patients with Neuromyelitis Optica Phenotype**, Neurology Journal Club
Mayo Clinic Florida, Jacksonville, Florida
- 2015** **2015 AHA/ASA Focused Update of the 2013 Guidelines for the Early Management of Patients with Acute Ischemic Stroke Regarding Endovascular Treatment**, Neurocritical Care Journal Club
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **Overview of the 2014 AHA/ASA Guidelines on the Primary Prevention of Stroke**, Neurology Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **IV tPA in Lacunar Strokes**, Neurology Journal Club
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **Major Stroke Syndromes and Stroke Mimics and NIH Stroke Scale Assessment**, Advanced Stroke Life Support Course
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **Idiopathic Intracranial Hypertension**, Neurology Continuum Club
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **Stroke and Cancer**, Neurology-Internal Medicine Professor Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2014** **SIRS, Sepsis, and Subarachnoid Hemorrhage: The use of procalcitonin as a diagnostic and cost saving tool**, Neurology Grand Rounds
Mayo Clinic Florida, Jacksonville, Florida
- 2013** **Acupuncture in Patients with Seasonal Allergic Rhinitis**, Internal Medicine Journal Club
Mayo Clinic Florida, Jacksonville, Florida
- 2013** **Intranasal Insulin Therapy for Alzheimer Disease and Amnesic Mild Cognitive Impairment**, Neurology Journal Club
Mayo Clinic Florida, Jacksonville, Florida
- 2009** **The Effects of Pre-hospital Continuous Positive Airway Pressure (CPAP) Usage by the Three Rivers Ambulance Authority (TRAA) in Patients with Respiratory Distress**. Siegel J, Mann S.
Midwest Alliance for Health Education Annual Conference
Fort Wayne, Indiana

Committees and Leadership Roles

- 2021 – Present** **Polish Journal of Neurology and Neurosurgery**, Editorial Board
- 2020 – 2021** **COVID-19 Clinical Trials Coordinating Group**

Mayo Clinic Florida, Jacksonville, Florida

- 2019 – 2022** **Acute Care Research Consortium**, Chair
Mayo Clinic Florida, Jacksonville, Florida
- 2019 – 2022** **Neurocritical Care Fellowship**, Associate Program Director
Mayo Clinic Florida, Jacksonville, Florida
- 2019 – 2022** **Adult Neurology Residency**, Associate Program Director for Recruitment
Mayo Clinic Florida, Jacksonville, Florida
- 2019 – 2022** **Adult Neurology Residency Recruitment and Selection Committee**, Chair
Mayo Clinic Florida, Jacksonville, Florida
- 2015 - 2016** **Mayo Clinic Graduate Medical Education Committee**, Resident Member
Mayo Clinic

Research Grant Support

- 2020 – 2022** **A double-blind, randomized, placebo-controlled study to evaluate the efficacy and safety of intravenous ganaxolone in status epilepticus.** Co-Investigator. Funded by Marinus Pharmaceuticals. (1042-SE-3003)
- 2019 – 2022** **Anticoagulation in ICH Survivors for Prevention and Recovery (ASPIRE) Study**, Co-Investigator, Sub on Dr Sheth's NS106513 grant at NCC Univ. of Cincinnati. Funded by National Institute of Neurological Disorders and Stroke. (NS106513)
- 2019 – 2022** **StATins Use in intracerebral hemorrhage patients (SATURN) "Study"**, Co-Investigator, Sub on Dr P Khatri's U01 at Univ of Cincinnati. Funded by National Institute of Neurological Disorders and Stroke. (NS102289)
- 2021 – 2022** **StATins Use in intracerebral hemorrhage patients MRI (SATURN MRI) Ancillary Study.** Funded by National Institutes of Health. (1U01NS120871-01)
- 2021 – 2021** **FRT 2021 : Collateral Blood Flow as a Predictor of Malignant Cerebral Edema in Patients with Large Vessel Strokes.** Primary Investigator. Funded by Neuroscience Focused Research Team Award, Mayo Clinic Florida
- 2020 – 2021** **A Phase 3 Open-label, Randomized, Controlled Study to Evaluate the Efficacy and Safety of Intravenously Administered Ravulizumab Compared with Best Supportive Care in Patients with COVID-19 .** Co-Investigator, Funded by Alexion Pharmaceuticals, Inc. (ALXN 1210-COV-305)
- 2018 – 2018** **Research Accelerator for Clinicians Engaged in Research Program**, Primary Investigator

Academic Career Development

2017 – 2018

Postdoctoral Certificate Program, Center for Clinical and
Translational Science
Mayo Clinic

Other

3/6/2019

Stroke Awareness
WJCT Radio Interview

2/20/2019

Patient Interest Story
First Coast News TV Interview

10/29/2018

World Stroke Day
WJXT River City Live TV interview

5/28/2018

Stroke Facebook Live Q&A
Mayo Clinic Florida

10/29/2016

World Stroke Day
WJXT TV interview

3/24/2016

“Life’s Simple 7”, American Heart Association
WTLV/WJXX TV interview

5/8/2016

Stroke Awareness Month
Florida Blue Stroke Awareness “Lunch and Learn”

5/7/2015

Stroke Awareness Month
WJXT TV interview

4/1/2015

AHA/ASA 2015 National Walk Day live chat participant