

UNIVERSITY OF MIAMI
CURRICULUM VITAE JONATHAN R. JAGID, MD, BS ME

1. Date: April 30, 2022

PERSONAL

2. Name: Jonathan Russell Jagid, M.D.

3. Home Phone: Private

4. Office Phone: (305) 243-3562
Pager: Private

5. Home address: Private

6. Current Academic Rank: Professor of Clinical Neurosurgery

7. Primary Department: Department of Neurological Surgery

8. Secondary Appointments: Department of Neurology
Department of Orthopedics
Department of Rehabilitation Medicine

9. Citizenship: United States of America

10. Visa Type (if non-citizen): N/A

HIGHER EDUCATION

11. Institutional:

B.S.M.E., University of Rochester, Rochester, NY, **June 1988**

Pre-Medical, Columbia University, New York, N.Y., **June 1990**

M.D., New York Medical College, Valhalla, N.Y., **June 1994**

Intern, General Surgery, University of Miami Affiliated Hospitals, Miami, FL,
July 1994-June 1995

Junior Resident, Neurological Surgery, University of Miami Affiliated Hospitals, Miami,
FL., **July 1995-June 1998**

Senior Resident, Neurological Surgery, University of Miami Affiliated Hospitals, Miami,

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

FL., **July 1998-June 2000**Chief Resident, Neurological Surgery, University of Miami Affiliated Hospitals, Miami, FL., **July 2000-June 2001**

Mini-fellowship, Epilepsy, Yale University, New Haven, CT., August 2011

12. Non-Institutional: None

13. Certification, licensure:

Diplomate, National Board of Medical Examiners, November 1995

Physician License, State of Florida, January 1996

Diplomate, American Board of Neurological Surgery, November 2002

EXPERIENCE

14. Academic:

2020-Present

Professor of Clinical Neurological Surgery, University of Miami.

2011 – 2020

Associate Professor of Neurological Surgery (primary), University of Miami.

2001- 2011

Assistant Professor of Neurological Surgery, University of Miami.

2010 – 2019

Assistant Professor of Clinical Neurology (secondary), University of Miami.

15. Hospital Appointments:

2001 - Present

Jackson Memorial Hospital

2001 - Present

University of Miami Hospital

2022 - Present

Miami VA Healthcare System

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16. Non-academic: None
17. Military: None

PUBLICATIONS

18. Books and monographs published:

1. Eduardo Joaquim Lopes Alho, Joacir Graciolli Cordeiro, Bernardo Assumpcao de Monaco, **Jonathan Russell Jagid**. Introduction and History of Neuromodulation for Pain. Neuromodulation Techniques for Pain Treatment. 1st ed. Springer. 2022.
2. **Jonathan R. Jagid**, Matthew M. Ruel, Leo Harris, Miguel Cobas. Management of Intracranial Pressure. Residents Guide to the ICU. 3rd ed. Edited by the ASCCA, 2009.
3. Fu ES, **Jagid J**, Harris LT. Management of Head Injury. Yao (ed): Yao & Artusio's Anesthesiology, 6th ed. Lippincott Williams & Williams, 2007.
4. **Jonathan R. Jagid**, Ramsey Ashour, Leo Harris, M. Ross Bullock. Neurosurgery Tricks of the Trade. Intraparenchyma Hematoma. 1st ed. Thieme. 2014.

19. Juried or Refereed Journal Articles and Exhibitions

PEER REVIEWED PUBLICATIONS

1. Assumpcao de Monaco B, Benjamin CG, Doomi A, Taylor R, Stringfellow CE, Benveniste RJ, **Jagid JR**, Graciolli Cordeiro J. Safety Analysis of New Portable Electrical Drill With a Smart Autostop Mechanism or Bedside Cranial Procedures. *Oper Neurosurg*. 2023.
2. Youngerman BE, Banu MA, Khan F, McKhann GM, Schevon CA, **Jagid JR**, Cajigas I, Theodotou CB, Ko A, Buckley R, Ojemann JG, Miller JW, Laxton AW, Couture DE, Popli GS, Buch VP, Halpern CH, Le S, Sharan AD, Sperling MR, Mehta AD, Englot DJ, Neimat JS, Konrad PE, Sheth SA, Neal EG, Vale FL, Holloway KL, Air EL, Schwalb JM, D'Haese PF, Wu C. Long-Term Outcomes of Mesial Temporal Laser Interstitial Thermal Therapy for Drug-Resistant Epilepsy and Subsequent Surgery for Seizure Recurrence: A Multi-Centre Cohort Study. *J Neurol Neurosurg Psychiatry*. 2023
3. Cordeiro JG, Assumpcao de Monaco B, Benveniste R, Alkhachroum A, Krueger EM, O'Phelan K, **Jagid JR**. Chronic Subdural Hematoma Drainage Using Anti-thrombotic Catheter Technique. *World Neurosurgery X*. 2023.
4. Alkhachroum A, Aklepi G, Sarafraz A, Robayo LE, Manolovitz BM, Blandino CF, Arwari B, Sobczak E, Bass DH, Ghamasae P, Samano D, Massad N, Kottapally M, Merenda A, Dib S, **Jagid JR**, Dietrich WD, Rundek T, O'Phelan K, Claassen J, Walker MF. Covert Tracking to

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- Visual Stimuli in Comatose Patients with Traumatic Brain Injury. *Neurology*. 2023.
5. Cajigas I, Davis KC, Prins NW, Gallo S, Naeem JA, Fisher L, Ivan ME, Prasad A, **Jagid JR**. Brain-Computer interface control of stepping from invasive electrocorticography upper-limb motor imagery in a patient with quadriplegia. *Front Hum Neurosci*. 2023 Jan 9;16:1077416. doi: 10.3389/fnhum.2022.1077416. PMID: 36776220; PMCID: PMC9912159.
 6. Schoen, N; Matichak, D; Armstrong, V; Sedighim, S; Lew, E; **Jagid, J**; Bullock, MR; Richardson, A. The Cost of Gunshot Wounds to the Head: An Unevenly Distributed Burden. *World Neurosurgery*, 2023.
 7. Krueger EM, Benveniste RJ, Taylor RR, Shah S, Moll J, Figueroa JM, **Jagid JR**. Neurologic Outcomes for Octogenarians Undergoing Emergent Surgery for Traumatic Acute Subdural Hematoma. *World Neurosurg*. 2022 Dec 12:S1878-8750(22)01729-6. doi: 10.1016/j.wneu.2022.12.025. Epub ahead of print. PMID: 36521754.
 8. Graciolli Cordeiro J, Assumpcao de Monaco B, Theodotou CB, Luther E, Benjamin CG, **Jagid JR**. Robotic-assisted stereotactic percutaneous balloon compression for trigeminal neuralgia treatment. *Clin Neurol Neurosurg*. 2022 Oct;221:107412. doi: 10.1016/j.clineuro.2022.107412. Epub 2022 Aug 13. PMID: 36029611.
 9. Krueger EM, Moll J, Kumar R, Lu VM, Benveniste R, Cordeiro JG, **Jagid JR**. Simple Wound Closure for Civilian Cranial Gunshot Wounds: A Systematic Literature Review. *Cureus*. 2022 May 21;14(5):e25187. doi: 10.7759/cureus.25187. PMID: 35747046; PMCID: PMC9208342.
 10. Davis KC, Meschede-Krasa B, Cajigas I, Prins NW, Alver C, Gallo S, Bhatia S, Abel JH, Naeem JA, Fisher L, Raza F, Rifai WR, Morrison M, Ivan ME, Brown EN, **Jagid JR**, Prasad A. Design-development of and at-home modular brain-computer interface (BCI) platform in a case study of cervical spinal cord injury. *J Neuroeng Rehabil*. 2022 Jun 3.
 11. Shah DS, Sanan A, Morell AA, Eichberg DG, Shah AH, Luther E, Lu VM, Elarjani T, Higgins DMO, Patel NV, **Jagid JR**, Ivan ME, Komotar RJ. Traumatic brain injury and subsequent brain tumor development: a systematic review of the literature. *Neurosurg Rev*. 2022 Jun 1.
 12. Lu VM, Kreuger E, Cordeiro JG, Niazi TN, **Jagid JR**, McCrea HJ. Clinical complications of surviving gunshot wounds to the head in children and adolescent: the Miami experience. *Childs Nerv Syst*. 2022 May 23.
 13. Sarno M, Buré-Reyes A, Harcourt S, Haq I, Luca C, **Jagid JR**, Levin B. Success of home-to-home tele neuropsychology. *Parkinsonism Relat Disord*. 2022 Apr 22; 98:56-61
 14. Monaco, BA, Krueger, E, Soldozy, S, **Jagid JR**, Cordeiro, JG. Burr Hole Hematoma Evacuation of Large Subdural Component Using Recombinant Tissue-Type Plasminogen Activator and a Novel Catheter: Case Report. *Cureus*. 2022 Apr 18;14(4): e24242.
 15. Kolcun JPG, Covello B, Gernsback JE, Cajigas I, **Jagid JR**. Machine learning to predict passenger mortality and hospital length of stay following motor vehicle collision. *Neurosurg Focus* 2022 Apr;52(4): E12.
 16. Li A, Huynh C, Fitzgerald Z, Cajigas I, Brusko D, **Jagid J**, Claudio AO, Kanner AM, Hopp J, Chen S, Haagensen J, Johnson E, Anderson W, Crone N, Inati S, Zaghloul KA, Bulacio J, Gonzalez-Martinez J, Sarma SV. Publisher Correction: Neural fragility as an EEG marker of the seizure onset zone. *Nat Neurosci*. 2022 Apr;25(4):530.

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17. Tapanes SA, Arizanovska D, Díaz MM, Folorunso OO, Harvey T, Brown SE, Radzishevsky I, Close LN, **Jagid JR**, Graciolli Cordeiro J, Wolosker H, Balu DT, Liebl DJ. Inhibition of glial D-serine release rescues synaptic damage after brain injury. *Glia*. 2022 Jun;70(6):1133-1152.
18. Kanner AM, Irving LT, Cajigas I, Saporta A, Cordeiro JG, Ribot R, Velez-Ruiz N, Detyniecki K, Melo-Bicchi M, Rey G, Palomeque M, King-Aponte T, Theodotou C, Ivan ME, **Jagid JR**. Long-term seizure and psychiatric outcomes following laser ablation of mesial temporal structures. *Epilepsia*. 2022 Feb 9.
19. Cajigas I, Davis KC, Meschede-Krasa B, Prins NW, Gallo S, Naeem JA, Palermo A, Wilson A, Guerra S, Parks BA, Zimmerman L, Gant K, Levi AD, Dietrich WD, Fisher L, Vanni S, Tauber JM, Garwood IC, Abel JH, Brown EN, Ivan ME, Prasad A, **Jagid J**. Implantable brain-computer interface for neuroprosthetic-enabled volitional hand grasp restoration in spinal cord injury. *Brain Commun*. 2021 Oct 21;3(4):fcab248
20. Krueger EM, DiGiorgio AM, **Jagid J**, Cordeiro JG, Farhat H. Current Trends in Mild Traumatic Brain Injury. *Cureus*. 2021 Oct 2;13(10):e18434.
21. Benveniste R, Cajigas I, **Jagid J**, Wu E. Intracranial Hypertension After Primary Decompressive Craniectomy for Head Trauma. *World Neurosurg*. 2022 Jan;157:e351- e356.
22. Hergenroeder GW, Yokobori S, Choi HA, Schmitt K, Detry MA, Schmitt LH, McGlothlin A, Puccio AM, **Jagid J**, Kuroda Y, Nakamura Y, Suehiro E, Ahmad F, Viele K, Wilde EA, McCauley SR, Kitagawa RS, Temkin NR, Timmons SD, Diringner MN, Dash PK, Bullock R, Okonkwo DO, Berry DA, Kim DH. Hypothermia for Patients Requiring Evacuation of Subdural Hematoma: A Multicenter Randomized Clinical Trial. *Neurocrit Care*. 2021 Sep 13.
23. Li A, Huynh C, Fitzgerald Z, Cajigas I, Brusko D, **Jagid J**, Claudio AO, Kanner AM, Hopp J, Chen S, Haagensen J, Johnson E, Anderson W, Crone N, Inati S, Zaghoul KA, Bulacio J, Gonzalez-Martinez J, Sarma SV. Neural fragility as an EEG marker of the seizure onset zone. *Nat Neurosci*. 2021 Oct;24(10):1465-1474.
24. Chang SJ, Cajigas I, Guest JD, Noga BR, Widerström-Noga E, Haq I, Fisher L, Luca CC, **Jagid JR**. MR Tractography-Based Targeting and Physiological Identification of the Cuneiform Nucleus for Directional DBS in a Parkinson's Disease Patient With Levodopa-Resistant Freezing of Gait. *Front Hum Neurosci*. 2021 Jun 8;15:676755.
25. Chang SJ, Cajigas I, Guest JD, Noga BR, Widerström-Noga E, Haq I, Fisher L, Luca CC, **Jagid JR**. Deep brain stimulation of the Cuneiform nucleus for levodopa-resistant

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freezing of gait in Parkinson's disease: study protocol for a prospective, pilot trial. *Pilot Feasibility Stud.* 2021 Jun 2;7(1):117.

20. Figueroa JM, Berry K, Boddu J, Kader M, Silva M, Luther E, Ayala V, Starke RM, **Jagid J**, Benveniste R. Treatment strategies for patients with concurrent blunt cerebrovascular and traumatic brain injury. *J Clin Neurosci.* 2021 Jun;88:243-250.
21. Geng, D; Alkhachroum, A; Melo Bicchi, M; **Jagid, J**; Cajigas, I; Chen, ZS. Deep learning for robust detection of interictal epileptiform discharges. *Journal of Neural Engineering*, 2021.
22. Gaztanaga, W; Sarno, M; Margolesky, J; Luca, C; Singer, C; Moore, H; **Jagid, J**; Levin, B. Do Benzodiazepines impair motor and non-motor symptoms in a sample of Parkinson's Disease patients? *Cureus*, 2021.
23. Chang, SJ; Luca, CC; **Jagid, JR**. Commentary: Focused Ultrasound Thalamotomy for Refractory Essential Tremor: A Japanese Multicenter Single-Arm Study. *Neurosurgery*, 2021.
24. Sprau, AC; Slavin, BR; Pierrot, RG; Weber, LE; Figueroa, JM; **Jagid, JR**; Thaller, SR. Safe at the Plate: Acute Assessment and Management of Baseball-Related Craniofacial Injuries by On-Field Personnel. *J Craniofac Surg*, 2020.
25. Bermudez, CI, Jermakowicz, WJ, Kolcun, JPG, Sur, S, Cajigas, I, Millan, C, Ribot, R Serrano, EA, Velez-Ruiz, N, Lowe, MR, Tornes, L, Palomeque, M, Kanner, AM, **Jagid, JR**, Rey, GJ. Cognitive Outcomes following Laser Interstitial Therapy for Mesiotemporal Epilepsies. *Neurol Clin Pract.* 2020.
26. Figueroa, JM, Boddu, J, Kader, M, Berry, K, Kumar, V, Ayala, V, Vanni, S, **Jagid, J**; The Effects of Lockdown During the SARS-CoV-2 Pandemic on Neuro-Trauma Related Hospital Admissions. *World Neurosurgery.* 2020
27. Sprau, AC, Figueroa, JM, Komotar, RJ, **Jagid, JR**, Thaller, SR; Medical Field Personnel in Immediate Management of Craniofacial Baseball Injuries: The Neurosurgeon's Role. *Neurosurgery.* 2020
28. Margolesky, J, Shpiner, DS, Moore, H, Singer, C, **Jagid, J**, Luca, CC; From Macuna Pruriens to deep brain stimulation: A two-decade case history. *Parkinsonism Related Disorders*, 2020.
29. Vitek JL, Jain R, Chen L, Tröster AI, Schrock LE, House PA, Giroux ML, Hebb AO, Farris SM, Whiting DM, Lechlitter TA, Ostrem JL, San Luciano M, Galifianakis N, Verhagen Metman L, Sani S, Karl JA, Siddiqui MS, Tatter SB, Ul Haq I, Machado AG.

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30. Gostkowski M, Tagliati M, Mamelak AN, Okun MS, Foote KD, Moguel-Cobos G, Ponce FA, Pahwa R, Nazzaro JM, Bueteftisch CM, Gross RE, Luca CC, **Jagid JR**, Revuelta GJ, Takacs I, Pourfar MH, Mogilner AY, Duker AP, Mandybur GT, Rosenow JM, Cooper SE, Park MC, Khandhar SM, Sedrak M, Phibbs FT, Pilitsis JG, Uitti RJ, Starr PA.. Subthalamic nucleus deep brain stimulation with a multiple independent constant current-controlled device in Parkinson's disease (INTREPID): a multicentre, double-blind, randomized, sham-controlled study. *Lancet Neurol*. 2020.
31. Diaz, A; Cajigas, I; Cordeiro, JG; Mahavdi, A; Sur, S; Di Luca, DG; Shpiner, DS; Luca, CC; **Jagid, JR**; Individualized Anatomy-Based Targeting for VIM-cZI DBS in Essential Tremor. *World Neurosurgery*. 2020.
32. Jermakowicz WJ, Wu C, Neal E, Cajigas I, D'Haese PF, Donahue DJ, Sharan AD, Vale FL, **Jagid JR**; Clinically Significant Visual Deficits after Laser Interstitial Thermal Therapy for Mesiotemporal Epilepsy. *Stereotact Funct Neurosurg*. 2020
33. Christin I. Bermudez, Walter J. Jermakowicz, John Paul G. Kolcun, Samir Sur, Iahn Cajigas, Carlos Millan, Ramses Ribot, Enrique A.Serrano, Naymee Velez-Ruiz, Meredith R. Lowe, Leticia Tornes, Maru Palomeque, Andres M. Kanner, **Jonathan R. Jagid**, Gustavo J.Rey; Cognitive outcomes following laser interstitial therapy for mesiotemporal epilepsies. *Neurol Clin Pract*. 2019.
34. Joacir Graciolli Cordeiro, Anthony Diaz, Jenna Kylene Davis, Daniel Garbin Di Luca, GhulamFarooq, Corneliu C.Luca, **Jonathan Russell Jagid**; Safety of Noncontrast Imaging–Guided Deep Brain Stimulation Electrode Placement in Parkinson Disease. *World Neurosurg*. 2019
35. Joacir Graciolli Cordeiro M.D., Ph.D. Anthony Diaz M.S., Jenna Kylene Davis B.S., Daniel Garbin Di Luca M.D., Ghulam Farooq M.D., Corneliu C. Luca M.D., Ph.D., **Jonathan Russell Jagid M.D.**; Safety of Non-Contrast Imaging Guided DBS electrode Placement in Parkinson's Disease. Elsevier, *World Neurosurgery* 2019
doi.org/10.1016/j.wneu.2019.11.071.
36. Shpiner, DS, Di Luca, DG, Cajigas, I, Diaz, JS, Margolesky, J, Moore, H, Levin, BE, Singer, C, **Jagid, J**, Luca, CC; Gender Disparities in Deep Brain Stimulation for Parkinson's Disease; *Neuromodulation*, 2019 vol. 22(4) pp. 484-488.
37. Jermakowicz WJ, Mahavadi AK, Cajigas I, Dan L, Guerra S, Farooq G, Shah AH, D'Haese PF, Ivan ME, **Jagid JR**, Komotar RJ. Predictive Modeling of Brain Tumor Laser Ablation Dynamics. *J Neurooncol*. 2019 Jun 25. doi: 10.1007/s11060-019-03220-0 31240526.

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38. Wu C, Jermakowicz WJ, Chakravorti S, Cajigas I, Sharan AD, **Jagid JR**, Matias CM, Sperling MR, Buckley R, Ko A, Ojemann JG, Miller JW, Youngerman B, Sheth SA, McKhann GM, Laxton AW, Couture DE, Popli GS, Smith A, Mehta AD, Ho AL, Halpern CH, Englot DJ, Neimat JS, Konrad PE, Neal E, Vale FL, Holloway KL, Air EL, Schwalb J, Dawant BM, D'Haese PF. Effects of Surgical Targeting in Laser Interstitial Thermal Therapy for Mesial Temporal Lobe Epilepsy: A Multicenter Study of 234 Patients. *Epilepsia* 2019 Jun; 60(6) 1171-1183 doi: 10.1111/epi.15565 pub 2019 May 21 31112302.
39. Cajigas I, Kanner AM, Ribot R, Casabella AM, Mahavadi A, Jermakowicz W, Sur S, Millan C, Saporta A, Lowe M, Velez-Ruiz N, Rey G, Ibrahim GM, Ivan ME, **Jagid JR**. MRI-Guided Laser Interstitial Thermal Therapy for Mesial Temporal Epilepsy: A Case Series Analysis of Outcomes and Complications at Two-Year Follow-Up. *World Neurosurg.* 2019 Mar 14. pii: S1878-8750(19)30694-1. doi: 10.1016/j.wneu.2019.03.057.
40. Sarno M, Gaztanaga W, Banerjee N, Bure-Reyes A, Rooks J, Margolesky J, Luca C, Singer C, Moore H, **Jagid J**, Levin B. Revisiting eligibility for deep brain stimulation: Do preoperative mood symptoms predict outcomes in Parkinson's disease patients? *Parkinsonism Relat Disord.* 2019 Feb 16. pii: S1353-8020(19)30065-3. doi: 10.1016/j.parkreldis.2019.02.019.
41. Bermudez, C, Jermakowicz, W, Kolcun, J, Sur, S, Cajigas, I, Millan, C, Ribot, R, Serrano, E, Velez-Ruiz, N, Lowe, M, Tornes, L, Palomeque, M, Kanner, A, **Jagid, J**, Rey, G; Cognitive Outcomes Following Laser Interstitial Therapy For Mesiotemporal Epilepsies. *Neurology Clinical Practice.* 2019.
42. Roth A, Buttrick SS, Cajigas I, **Jagid JR**, Ivan ME. Accuracy of frame-based and frameless systems for deep brain stimulation: A meta-analysis. *J Clin Neurosci* 2018 Sep 6. Pii: S0967-5868 (18) 30663-5. doi: 10.1016/j.jocn.2018.08.039.
43. Gernsback JE, Kolcun JPG, Richardson AM, **Jagid JR**. Patientem Fortuna Adiuvat: The delayed treatment of Surgical Acute Subdural Hematomas-A case series. 2018 Aug 24. pii: S1878-8750(18)31878-3. doi: 10.1016/j.wneu.2018.08.095.
44. Jermakowicz WJ, Cajigas I, Dan L, Guerra S, Sur S, D'Haese PF, Kanner AM, **Jagid JR**. Ablation dynamics during laser interstitial thermal therapy for mesiotemporal epilepsy. *PloS One.* 2018 July 6, 13(7):e0199190. 10.1371.
45. Allen CJ, Baldor DJ, Hanna MM, Namias N, Bullock MR, **Jagid JR**, Proctor KG. Early Craniectomy Improves Intracranial and Cerebral Perfusion Pressure after Severe Traumatic Brain Injury. *Am Surg.* 2018 Mar 1;84(3):443-450.

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Jagid, Jonathan R., MD, BS ME

46. Urakov TM, **Jagid JR**. Mathematical Equation for Precise Burr Hole Placement in stereotactic Deep Brain Stimulation Lead Placement. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):607-609. doi: 10.1055/s-0037-1604287. Epub 2017 Jul 27. No abstract available.
47. Margolesky J, Schoen N, Jermakowicz W, Sur S, Cahigas I, Singer C, **Jagid J**, Luca C. Subthalamic Nucleus Deep Brain Stimulation for the Treatment of Secondary Dystonia: A Case Series and Review of the Literature. *Brain Stimulation* 2017 Apr 18. pii: S1935-861X(17)30781-7.
48. Jermakowicz W, Hentall I, **Jagid J**, Luca C, Adcock J, Martinez-Arizala A, Widerstrom- Noga E. Deep Brain Stimulation Improves The Symptoms and Sensory Signs of Persistent Central Neuropathic Pain From Spinal Cord Injury: A Case Report. *Frontiers of Human Neuroscience* 2017 Apr 6;11:177.
49. Schoen NB, Jermakowicz WJ, Luca CC, **Jagid JR**. Acute Symptomatic Peri-lead Edema 33 Hours After Deep Brain Stimulation Surgery: A Case Report. *Journal of Medical Case Reports*. 2017 Apr 14;11(1):103.
50. Kolcun JP, Gernsback JE, Richardson AM, **Jagid JR**. Flow, Liver, Flow: A Retrospective Analysis of the Interplay of Liver Disease and Coagulopathy in Chronic Subdural Hematoma. *World Neurosurgery*. 2017 Mar 11.
51. Jermakowicz WJ, Kanner AM, Sur S, Bermudez C, D'Haese PF, Kolcun JP, Cajigas I, Li R, Millan C, Ribot R, Serrano EA, Velez N, Lowe MR, Rey GJ, **Jagid JR**. Laser Thermal Ablation for Mesiotemporal Lobe Epilepsy: Analysis of Ablation Volumes and Trajectories. *Epilepsia*. 2017 Feb 28.
52. Wicks RT, Jermakowicz WJ, **Jagid JR**, Couture DE, Willie JT, Laxton AW, Gross RE. Laser Interstitial Thermal Therapy for Mesial Temporal Lobe Epilepsy. *Neurosurgery* 2016 Dec; 79 Suppl 1:S83.
53. Diaz R, Ivan ME, Hanft S, Vanni S, Manzano G, **Jagid J**, Komotar RJ. Laser Interstitial Thermal Therapy: Lighting the Way to a New Treatment Option in Neurosurgery. *Neurosurgery* 2016 Dec; 79. Suppl 1:S3-S7.
54. Gernsback J, Kolcun JP, **Jagid J**. To Drain or Two Drains: Recurrences in Chronic Subdural Hematomas. *World Neurosurgery* 2016 Nov; 95:447-450. doi: 10.1016/j.wneu.2016.08.069.
55. Jermakowicz, W, Ivan M, Ribot R, Jusue-Torres I, Desai M, Ruiz A, Velez-Ruiz N, Serrano E, Francois D'Haese P, Kanner A, **Jagid JR**. Visual Deficit From Laser.

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56. Interstitial Thermal Therapy For Temporal Lobe Epilepsy: Anatomical Considerations. *Operative Neurosurgery*. 2017 Oct 1;13(5):627-633. doi: 10.1093/ons/opx029.
57. Lizarraga KJ, **Jagid JR**, Luca CC. Comparative effects of unilateral and bilateral subthalamic nucleus deep brain stimulation on gait kinematics in Parkinson's disease: a randomized, blinded study. *Journal of Neurology*, 2016 Jun 8.
58. Hentall, I. D., Luca, C. C., Widerstrom-Noga, E., Vitores, A., Fisher, L. D., Martinez-Arizala, A., & **Jagid, J. R.** (2016). The midbrain central gray best suppresses chronic pain with electrical stimulation at very low pulse rates in two human cases. *Brain Research*, 1632(C), 119–126. <http://doi.org/10.1016/j.brainres.2015.12.021>.
59. **Jagid, J.**, Madhavan, K., Desai, N., Bregy, A., Desai, M., Ruiz, A., et al. (2015). Deep brain stimulation complicated by bilateral large cystic cavitation around the leads in a patient with Parkinson's disease. *BMJ Case Reports*, 2015, bcr2015211470. <http://doi.org/10.1136/bcr-2015-211470>.
60. Medvid, R., Ruiz, A., Komotar, R. J., **Jagid, J. R.**, Ivan, M. E., Quencer, R. M., & Desai, M. B. (2015). Current Applications of MRI-Guided Laser Interstitial Thermal Therapy in the Treatment of Brain Neoplasms and Epilepsy: A Radiologic and Neurosurgical Overview. *AJNR. American Journal of Neuroradiology*.
61. Van Haren RM, Thorson CM, Ogilvie MP, Valle EJ, Guarch GA, Jouria JA, Busko AM, Harris LT, Bullock MR, **Jagid JR**, Livingstone AS, Proctor KG. Vasopressin for cerebral perfusion pressure management in patients with severe traumatic brain injury: preliminary results of a randomized controlled trial. *J Trauma Acute Care Surg*. 2013 Dec;75(6):1024-30; discussion 1030.
62. Sanchez JJ, Bidot CJ, O'Phelan K, Gajavelli S, Yokobori S, Olvey S, **Jagid J**, Garcia JA, Nemeth Z, Bullock R. Neuromonitoring with microdialysis in severe traumatic brain injury patients. *Acta Neurochir Suppl*. 2013;118:223-7.
63. Sanchez J.J., Bidot, C, O'Phelan, K, Gajavelli, S, Yokobori, S, Olvey, S, **Jagid, J**, Garcia, J, Nemeth, Z, Bullock, R; Neuromonitoring with Microdialysis in Severe Traumatic Brain Injury Patients. In: Katayama Y., Maeda T., Kuroiwa T. (eds) *Brain Edema XV. Acta Neurochirurgica Supplement*, vol 118. Springer, Vienna. 2013.
64. Okun MS, Gallo BV, Mandybur G, **Jagid J**, Foote KD, Revilla FJ, Alterman R, Jankovic J, Simpson R, Junn F, Verhagen L, Arle JE, Ford B, Goodman RR, Stewart RM, Horn S, Baltuch GH, Kopell BH, Marshall F, Peichel D, Pahwa R, Lyons KE, Tröster AI, Vitek JL, Tagliati M; for the SJM DBS Study Group: Subthalamic deep brain stimulation with a constant-current device in Parkinson's disease: an open-label randomised controlled trial. *Lancet Neurol*. 2012 Jan 10.

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65. Levi AD, Casella G, Green BA, Dietrich WD, Vanni S, **Jagid J**, Wang MY: Clinical outcomes using modest intravascular hypothermia after acute cervical spinal cord injury. *Neurosurgery* 2010 Jun; 66(6): E1217.
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2. Corneliu Luca, Jonathan Jagid, Mustafa Siddiqui, Stephen Tatter, Lilly Chen, Roshini Jain; Real-World Evaluation of DBS Outcomes Using a New Device Capable of Multiple Independent Current Control. North American Neuromodulation Society (NANS) 23rd Annual Meeting, Las Vegas 2020
3. Corneliu Luca, Nicholas Fleming, Joacir Graciollo Cordeiro, Jonathan Jagid; Fine-tuning Deep Brain Stimulation with Directional Leads Improves Outcomes. North American Neuromodulation Society (NANS) 23rd Annual Meeting, Las Vegas 2020.
4. Shovan Bhatia, Sebastian Gallo, Iahn Cajigas, Jonathan Jagid, Abhishek Prasad; Improving Functional Independence in Spinal Cord Injury Using 3D Printed Assistive Devices. Biomedical Engineering Society (BMES) Annual Meeting, Philadelphia 2019.
5. John Paul George Kolcun, Brian Covello, Joanna Gernsback, Iahn Cajigas, Jonathan Jagid; Secondary Analysis and Proposed Validation of a Predictive Model for MVC Outcomes. American Association of Neurological Surgeons (AANS), San Diego 2019.
6. Anthony Diaz, Tamara Stiep, Iahn Cajigas, Jonathan Jagid, Corneliu Luca. Localization of Optimal STN Stimulation Site for Tremor Predominant Parkinson's Disease. American Association of Neurological Surgeons (AANS), San Diego 2019.
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Volitional Hand Grasp Restoration In Cervical Quadriplegia. Congress of Neurological Surgeons (CNS), San Francisco 2019.

11. Tamara Stiep, Anthony Diaz, Iahn Cajigas, **Jonathan Jagid**, Corneliu Luca. The STN Sweet Spot for Tremor Control in Parkinson's Disease. American Academy of Neurology (AAN), Philadelphia 2019.
12. Daniel Lorido, Jonathan Jagid, Corneliu Luca. Early Experiences with Multiple Independent Current Control DBS in Parkinson's Disease. American Academy of Neurology (AAN), Philadelphia 2019.
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15. RM Van Haren, CM Thorson, MP Ogilvie, EJ Valle, MR Bullock¹, JR Jagid¹, AS Livingstone, KG Proctor. INTERIM ANALYSIS OF RANDOMIZED TRIAL OF VASOPRESSIN FOR CEREBRAL PERFUSION PRESSURE MANAGEMENT IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY. Western Trauma Association.
16. Nathan Schoen¹, Angela M. Richardson², Valerie Armstrong¹, Shaina Sedighim¹, Hyejong Marshall³, Julia Janecki¹, Mirza Baig¹, Carlos Bidot², Emma Lew⁴, Jonathan Jagid², M. Ross Bullock². Gunshot Wounds to the Head in Urban South Florida: Novel Epidemiologic Insight. Congress of Neurological Surgeons Annual Meeting, Houston, October 2018.
17. Gernsback JE, Kolcun JPG, Covello BR, Jagid JR. Buckle Up: Seat Belt Utilization and Impact in Pediatric MVC. Accepted for AANS/CNS Joint Section on Pediatric Neurosurgery Annual Meeting, Nashville, December 2018.
18. Kolcun JPG, Gernsback JE, Covello BR, Jagid JR. Baby On Board: Trends in Pediatric Motor Vehicle Collision. Accepted for AANS/CNS Joint Section on Pediatric Neurosurgery Annual Meeting, Nashville, December 2018.
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21. Karlo J. Lizarraga, MD, MS¹; Ashar Farooqi¹; Ammar Rasul¹; Jonathan R. Jagid, MD²; Corneliu C. Luca, MD, PhD. Effects of thalamic deep brain stimulation on posture and balance in patients with essential tremor. Movement Disorder Society. Vancouver. 2017.
22. Walter J. Jermakowicz, MD, PhD¹, Samir Sur, MD¹, Christina Bermudez, PhD², John P. Kolcun¹, Iahn Cajigas, MD, PhD¹ and Jonathan R. Jagid, MD¹. Laser thermal ablation for mesiotemporal epilepsy: Does size matter? American Association of Neurologic Surgeons. LA. 2017.
23. Karlo J. Lizarraga, MD, MS¹; Ashar Farooqi¹; Ammar Rasul¹; Jonathan R. Jagid, MD²; Corneliu C. Luca, MD, PhD Effects of thalamic deep brain stimulation on posture and balance in patients with essential tremor. Movement Disorder Society. Vancouver. 2017.
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35. Sun-Suslow, N., Schneider, H.L., Anderson, S., Segalà, L., Rossetti, A., Millard, A., Luca, C., Jagid, J., Moore, H., Singer, C. Levin, B. Components of metabolic syndrome in predicting Deep Brain Stimulation (DBS) outcome in idiopathic Parkinson's disease patients. International Neuropsychological Society. New South Wales, AU. 2015.

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36. Eva Widerstrom-Noga, D.D.S., Ph.D.; James Adcock, Ch.E., M.B.S.; Maydelis Escalona, B.S.; Letitia Fisher (degree) ; Jonathan R. Jagid, M.D.; Corneliu C. Luca, M.D.; Alberto Martinez-Arizala M.D.; Alberto Vitores (degree?); Ian D. Hentall, Ph.D. Severe Central Neuropathic Pain Relieved by Deep Brain Stimulation – a Case Report. American Spinal Injury Association. Montreal. 2015.
37. G. J. Rey, **J. Jagid**, M. Lopez, M. Lowe, M. Palmoneque, G. Rey, R. Ribot, E. Serrano, A. Kanner. Neurocognitive Outcome Following MRI-Guided Laser Ablation of MesioTemporal structures. 2015 AES Meeting, Chicago IL. 2015
38. Andres Kanner, **Jonathan Jagid**, Maria Lopez, Merredith Lowe, Maru Palmoneque, Gustova J. Rey, Ramses Ribot, Leticia Tornes, Enrique Serrano. Psychiatric Complications of MRI Guided Laser Ablation of Mesiotemporal structures for treatment resistant temporal lobe epilepsy. 2015 AES Meeting, Chicago IL. 2015.
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40. Hentall, I. D., Luca, C. C., Widerstrom-Noga, E., Vitores, A., Fisher, L. D., Martinez-Arizala, A., & **Jagid, J. R.** DBS and Stimulation Parameters for SCI Pain (Oral Presentation). ANA's 140th Annual Meeting September 27-29, 2015 Chicago, IL. 2015.
41. D. B. Covington, Y. F. Rodriguez-Blanco, M. Degnan, B. V. Gallo, **J. R. Jagid**, T. M. Fuhrman. Deep Brain Stimulation Utilizing Dexmedetomidine: A Clinical Report From The University Of Miami. IARS 2015 Annual Meeting and International Science Symposium. San Fransisco, CA. 2015
42. Ghilain, C., Anderson, S., Sunslow, N., Bermudez, C., Forte, M., Babakhanyan, I., Gallo, B., Luca, C., **Jagid, J.**, Singer, C. Levin, B. Assessing DBS candidacy in Idiopathic PD: Do Emotional Factors Influence Outcome? International Neuropsychology Society. Denver, CO. 2015.
43. RM Van Haren, CM Thorson, MP Ogilvie, EJ Valle, MR Bullock, **JR Jagid**, AS Livingstone, KG Proctor. Vasopressin For Cerebral Perfusion Pressure Management In Patients With Severe Traumatic Brain Injury: Preliminary Results Of a Randomized Controlled Trial. Western Trauma Association 43rd Annual Meeting Snowmass, CO. 2013.
44. Karthik H. Madhavan, Bruno Gallo, Howard Landy, **Jonathan R. Jagid**, DBS mediated cerebral edema – revisiting biocompatibility. Congress of Neurological Surgeons. San Fransisco, CA, October 2013.
45. Karthik Madhavan, **Jonathan R. Jagid**, and Bruno V. Gallo, A unique radiographic and clinical finding in Deep Brain Stimulation. American Association of Neurological

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Surgeons. New Orleans, LA, April 2013.

46. Jonathan Jagid, Kimberly D. Anderson, Diana D. Cardenas, W. Dalton Dietrich, Edelle C. Field-Fote, Allan D. Levi, Fatta B. Nahab, Christine K. Thomas, and Justin C. Sanchez. Emerging Investigational Devices: Fully Implantable Brain-Machine-Body Interfaces for People Living with Spinal Cord Injury. 34th Annual International IEEE EMBS Conference. San Diego, California. 2012.
47. R.M. Van Haren, C.M. Thorson, M.L. Ryan, M.P. Ogilvie, M.R. Bullock, **J. Jagid**. Vasopressor Use in Trauma Patients with Refractory Hypotension: From Benchtop to Bedside. 2012 Military Health System Research Symposium. Ft. Lauderdale, FL, August 2012.
48. A.A. Maudsley, v. Givind, L. Harris, S. Gold, G. Saigal, K. Arheart, and **J. Jagid**. Evaluation of Mild and Moderate Traumatic Brain Injury by Whole-Brain MR Spectroscopic Imaging. BRAIN Meeting. Barcelona, Spain, May 2011.
49. **J. Jagid**. Results of very early decompressive craniectomy for severe traumatic brain injury. National Neurotrauma Society Meeting. Las Vegas, NV, June 2010.
50. **J. Jagid**. Optimizing strategies for culture of neuroprogenitor cells (NPC's) after traumatic brain injury (TBI) in humans. National Neurotrauma Society Meeting. Las Vegas, NV, June 2010.
51. Amanpreet Singh Ph.D., Kimberly Fernandez R.N., Leo Harris P.A., **Jonathan Jagid M.D.**, Ross M. Bullock, M.D. Ph.D. Use of neuroprogenitor cells to repair the injured brain after rodent traumatic brain injury. National Neurotrauma Society Meeting. Santa Barbara, CA, September 2009.
52. V. Govind, K. Kaliannan, G. Saigal, S. Gold, **J. Jagid**, L. Harris and A. A. Maudsley. Proton Metabolite Changes in the Corpus Callosum, Thalamus and Brainstem Following Traumatic Brain Injury. 17th International Soc. for Magnetic Resonance in Medicine (ISMRM) Meeting, 18-24 April 2009, Hawaii.
53. A.A. Maudsley, V. Govind, **J. Jagid**, S. Gold, G. Saigal, L. Harris, K. Kaliannan. Evaluation of Whole-Brain Metabolic Alterations Following Mild Traumatic Brain Injury by MR Spectroscopic Imaging. National Neurotrauma Society Meeting. Santa Barbara, CA. September 2009.
54. BK Scanlon, HL **Katzen**, DA Nation, RA Rodriguez, S Papapetropoulos, JA Ledon, C Singer, BV Gallo, **JR Jagid**. Side and symptom of disease onset is related to lifespan in

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Parkinson's disease. *Movement Disorders*, 2007; 22(Suppl 16):S171.

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56. S Papapetropoulos, **JR Jagid**. C Sengun, C Singer, and BV Gallo. Objective monitoring of tremor and bradykinesia during deep brain stimulation of STN for Parkinson's disease: A pilot study. The Movement Disorders Society's 11th International Congress, Istanbul, Turkey. *Movement Disorders*, 2007; 22(Suppl 16):S56.
57. Papapetropoulos S, **Jagid JR**. Sengun C. Singer C, and Gallo BV. Low rate of complications with unilateral STN-DBS in advanced Parkinson's disease. The Movement Disorders Society's 11th International Congress, Istanbul, Turkey. *Movement Disorders*, 2007; 22(Suppl 16):S61-62.

Other works accepted for publication:

Posters Presented at National Meetings

1. G. Damian Brusko, Anshit Goyal, **Jonathan R. Jagid**, Iahn Cajigas, Effect of Patient Characteristics on Deep Brain Stimulation Outcomes for Disorders of Consciousness: A Systematic Review and Bivariate Analysis. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA 2019.
2. A Fully Implantable Brain Machine Interface for Movement Restoration in Spinal Cord Injury Iahn Cajigas*, Noeline W. Prins*, Sebastian Gallo, Jasim Ahmad Naeem, Santiago Guerra, Brandon Parks, Annie Palermo, Audrey Wilson, Lauren Zimmerman, Katie Gant, Letitia Fisher, Steven Vanni, Michael Ivan, Abhishek Prasad, **Jonathan Jagid** (Abstract) 2019.
3. Bermudez, C., Jermakowicz, W., Millan, C., McInerney, K., Sun-Suslow, N., Segala, L., Anderson, S., **Jagid, J.**, Lowe, M., Palomeque, M., Ribot, R., Serrano, E., Tornes, L., Velez-Ruiz, N., Kanner, A. M., & Rey, G.J., Visual and Verbal Memory Changes Associated with Left vs. Right Stereotactic Laser Ablation for the Treatment of Temporal Lobe Epilepsies. International Neuropsychology Conference. New Orleans 2017.
4. Bermudez, C., Jermakowicz, W., Millan, C., Kolcun, J.P., C., McInerney, K., Sun-Suslow, N., Segala, L., Anderson, S., **Jagid, J.**, Lowe, M., Palomeque, M., Ribot, R., Serrano, E., Tornes, L., Velez-Ruiz, N., Kanner, A. M., & Rey, G. J. Delayed verbal memory decline associated with left stereotactic laser ablation for the treatment of temporal lobe epilepsy. International Neuropsychology Conference. New Orleans 2017.

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5. Bermudez, C., Jermakowicz, W., Millan, C., Kolcun, J.P., C., McInerney, K., Sun-Suslow, N., Segala, L., Anderson, S., **Jagid, J.**, Lowe, M., Palomeque, M., Ribot, R., Serrano, E., Tornes, L., Velez-Ruiz, N., Kanner, A. M., & Rey, G.J. Improvement in Non-Memory Neuropsychological Test Performance Following Stereotactic Laser Ablation for the Treatment of Temporal Lobe Epilepsies. International Neuropsychology Conference. New Orleans 2017
6. Jonathan P. Meizoso, MD; Ty K. Subhawong, MD; Casey J. Allen, MD; Lydia Chelala, MD; Juliet J. Ray, MD; **Jonathan R. Jagid**, MD; M. Ross Bullock, MD; Nicholas Namias, MD, MBA; Carl I. Schulman, MD, PhD, MSPH; Kenneth G. Proctor, PhD. Does Arginine Vasopressin Exacerbate Cerebral Edema After Traumatic Brain Injury? 29th EAST Annual Scientific Assembly. San Antonio, TX. 2016.
7. Sun-Suslow, N., Schneider, H.L., Anderson, S., Segalà, L., Rossetti, A., Millard, A, Luca, C., **Jagid, J.**, Moore, H., Singer, C. Levin, B. Components of metabolic syndrome in predicting Deep Brain Stimulation (DBS) outcome in idiopathic Parkinson's disease patients. International Neuropsychology Society. Boston, MA. 2015.
8. Angela M. Richardson, MD, PhD, Leo Harris, **Jonathan R. Jagid, MD**. Surgical Debridement vs. Bedside Washout of Gunshot Wounds To The Head: A Retrospective Analysis. Congress of Neurological Surgeons. New Orleans, LA. 2015.
9. **Jonathan Jagid** and **Timur Urakov**. Mathematical Equation for Standardized Burr Hole Placement in Stereotactic Deep Brain Stimulation Lead Placement to Minimize the Risk of Complications. American Society for Stereotactic and Functional Neurosurgery National Meeting. Washington D.C. 2014.
10. Kentaro Shimoda M.D., Ph.D., Shoji Yokobori M.D., Ph.D., Takeshi Maeda M.D., Ph.D., Atsuo Yoshino M.D., Ph.D., Yoichi Katayama M.D., Ph.D., Jagid Russell Jonathan M.D., Ross Malcolm Bullock M.D., Ph.D. Japanese Experience With Traumatic Brain Injury in the Elderly. 2014 AANS Annual Scientific Meeting. San Francisco, CA. 2014
11. C.C. Luca, **J. Jagid**, B.V. Gallo Functional asymmetry of sub-thalamic nucleus revealed by gait analysis in PD patients undergoing deep brain stimulation. ^[SEP] Twenty Seventh Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson Disease and Other Movement Disorders. Montreal, Quebec, Canada. 2013.
12. **Jonathan Jagid**, Kimberly D. Anderson, Diana D. Cardenas, W. Dalton Dietrich, Edelle C. Field-Fote, Allan D. Levi, Fatta B. Nahab, Christine K. Thomas, and Justin C.

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Sanchez. Emerging Investigational Devices: Fully Implantable Brain-Machine-Body Interfaces for People Living with Spinal Cord Injury. 34th Annual International IEEE EMBS Conference. San Diego, California. 2012.

13. Sanchez J, Bidot C, O'Phelan K, **Jagid J**, Gajavelli S, Yokobori S, Nemeth Z, Kramer V, Olvey S, Bullock R. Neuromonitoring with Microdialysis in Patients with Severe Traumatic Brain Injury as an Indicator of Cellular Injury. XVth International Symposium of Brain Edema and Cellular Injury. Tokyo, Japan. 2011.
14. Bidot, CJ, Nemeth Z, Sanchez-Chavez JJ, Safon RA, Amoros A, Cabrera V, Perez A, **Jagid J**, Harris LT, O'Phelan KH, Bullock MR. Developing a TBI Clinical Trial Infrastructure at University of Miami, Jackson Memorial Hospital: Reason for enrollment failure. National Neurotrauma Society. Phoenix, Arizona. 2012.
15. Jose J Sanchez, Carlos J Bidot, Kristine O'Phelan, **Jonathan R Jagid**, Shyam Gajavelli, Shoji Yokobori, Zsuzsanna Nemeth, Violet Rhagnanan-Kramer, Stephen Olvey, and Ross Bullock. Neuromonitoring with Microdialysis in patient severe Traumatic Brain Injury (TBI) patients as indicator of cellular injury. Brain Edema. Tokyo, Japan. 2011.
16. Jose J Sanchez, Carlos J Bidot, Kristine O'Phelan, **Jonathan R Jagid**, Eric Ponce, Zsuzsanna Nemeth, Anjan Kumar, Violet Rhagnanan-Kramer, Stephen Olvey, and Ross Bullock. Changes in brain Dialysate analytes after craniotomy for high Intracranial Pressure (ICP) in Severe Trauma Brain Injury (TBI). National Neurotrauma Society. Fort Lauderdale, Florida. 2011.
17. Jose J Sanchez, Carlos J Bidot, Kristine O'Phelan, **Jonathan R. Jagid**, Ross Bullock. Brain Glucose Uptake Estimation with Microdialysis as an Indicator of Brain Metabolism in Severe Traumatic Brain Injury (TBI) after Decompressive Craniotomy. Montreal, Canada. 2011.
18. Hood B, **Jagid J**, Harris L, Bullock MR, Villanueva P. Results of Very Early Decompressive Craniectomy For Severe Traumatic Brain Injury. National Neurotrauma Society. Las Vega, Nevada. 2010.
19. Zoeller GK, Benveniste RJ, Landy H, Morcos JJ, **Jagid J**. Outcomes and Management Strategies After Non-diagnostic Stereotactic Biopsies of Brain Lesions. Congress of Neurological Surgeons. 2009.
20. G. Saigal, V. Govind, K. Kaliannan, S. Gold, **J. Jagid**, S. Falcone, L. Harris, A.A. Maudsley. Whole-brain proton metabolite changes detected by MR spectroscopy imaging following mild-to-moderate traumatic injury. American Society of

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Neuroradiology. Vancouver. May 2009.

21. **Jagid J**, Govind V, Gold S, Saigal G, Harris L, Maudsley A.A. Whole-Brain Imaging of Proton Metabolite Changes in Mild-to-Moderate Traumatic Brain Injury. National Neurotrauma Society Meeting. Orlando, FL. July 27, 2008.

PROFESSIONAL

22. Funded Research Performed:

Active:

- Jagid, JR (PI) 4/2019
Deep Brain Stimulation of the Cuneiform Nucleus for Levodopa-resistant Freezing of Gait in Parkinson's Disease. Boston Scientific Industry sponsored award. \$110,000 and devices.
- Jagid, JR (PI) 4/2019
Deep Brain Stimulation of the Cuneiform Nucleus for Levodopa-resistant Freezing of Gait in Parkinson's Disease. SAC ITS Pilot Award. \$50,000.
- Jagid, JR (PI) 12/2018
RENEURON phase II clinical trial in stroke disability. PISCES-III. Industry sponsored. RENEURON, Inc. \$35,000/patient.
- Jagid, JR (PI) 9/2018
Intracranial Pressure Assessment and Screening System. IPASS. Industry sponsored. Vivonix Inc. \$5000/patient
- Jagid, JR (PI)
Deep Brain Stimulation of the Cuneiform Nucleus for Levodopa-resistant Freezing of Gait in Parkinson's Disease. Boston Scientific Industry sponsored award. \$110,000 and devices. 4/2019
- Jagid, JR (PI)
Deep Brain Stimulation of the Cuneiform Nucleus for Levodopa-resistant Freezing of Gait in Parkinson's Disease. SAC ITS Pilot Award. \$50,000. 4/2019
- Jagid, JR(PI) 6/1/2013
A Novel Brain Machine Interface to Bypass Cervical Spinal Cord Injury. Single Center Study.
- Jagid, JR (PI) 11/1/2016
A Double-Blind, Controlled Phase 2B Study of the Safety and Efficacy of Modified Stem Cells (SB623) in Patients With Chronic Motor Deficit From Ischemic Stroke.

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

- Jagid, JR (PI) 1/1/2017
Stereotactic Laser Ablation For Temporal Lobe Epilepsy (SLATE) Study. Multicenter Study. Industry Sponsored. Medtronic, Inc. \$30,000/patient.
- Jagid, JR (PI) 6/1/2014-
Hypothermia for Patients Requiring Evacuation of Subdural Hematoma (HOPES Trial). Multi-Center Study. Vivian L. Smith Foundation. \$10,000/patient
- Jagid, JR (PI) 9/30/12-9/30/15
Treatment of Pain and Autonomic Dysreflexia in Spinal Cord Injury with Deep Brain Stimulation. Department of Defense grant number **W81XWH-12-1-0559**, \$1,104,699.00 over 3 years.
- Bullock, MR (PI) 3/31/10- 4/30/11
A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study of NNZ-2566 in Patients with Traumatic Brain Injury (TBI): Investigating Treatments for the Prevention of secondary Injury and Disability following TBI (INTREPID-2566 Study). Role: Co-investigator; \$215,000
- Bullock, MR (PI) 3/2009-present
A Randomized, Double blind, Placebo-Controlled Dose Escalation Study to Investigate the Safety and Pharmacokinetics after Single and Multiple Doses of SLV334 in Sequential Cohorts of Patients with Moderate and Severe Traumatic Brain Injury. Role: Co-investigator; Non-funded
- Bullock, MR (PI) 2/2009-present
Spreading Depressions as Secondary Insults after Traumatic Injury to the Human Brain (IRB approved). Role: Co-Investigator; \$50,000 over 4 years
- Bullock, MR (PI) 12/2008-present
Culture of Neural Progenitor Cells from Patients with Acute Brain Damage (IRB approved). Role: Co-investigator; Non-funded
- Gallo, BV (PI) 08/2008 – 08/2011
Protocol # C-04-01 - A clinical evaluation of bilateral stimulation of the Subthalamic Nucleus (STN) using the Libra® Deep Brain Stimulation System as an adjunctive treatment for reducing some of the symptoms of advanced levodopa-responsive Parkinson's disease that are not adequately controlled with medication, St Jude Medical, 2008 – 2011. Role: Co-Investigator; \$13,450/Subject.
- Bullock, MR (PI) 05/2008 – Present

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

Biomarkers of Brain Injury: Magnitude, Secondary Insults, and Outcome (IRB approved). Role: Co-investigator; \$60,000

Levin, B (PI) 06/2007 – Present
Deep Brain Stimulation in Parkinson's Disease: Follow-up Study. Role: Consultant; Non-funded

Proctor, K (PI) 5/2006 - 4/2013
N000140610670, Novel Resuscitation Strategies Surgery Office of Naval Research Role: Co-Investigator; \$4,565,885

Levi, A (PI) 1/2007 – Present
Efficacy of intravenously instituted Hypothermia treatment in improving functional outcomes in patients following acute Spinal Cord Injury. Role: Co-Investigator; Non-funded

Maudsley, A (PI) 06/2006 – Present
R01 NS055107, Volumetric MRSI Evaluation of Traumatic Brain Injury. Role: Consultant; Annual Award Direct Costs: \$219,634

Bullock, MR (PI) 4/2003 – 2008
Evaluation of Traumatic Brain Injury Severity and Outcome using Paired Cerebrospinal Fluid and Serum Markers for Secondary Brain Ischemia and Neuronal Injury (IRB approved). Role: Co-investigator; \$12,000

23. **Editorial Responsibilities:**

Epilepsy and Behavior Journal, ad hoc
Journal of Clinical Neuroscience, ad hoc
Operative Neurosurgery, ad hoc
Journal of Neurosurgery, ad hoc

24. **Professional and Honorary Organizations:**

American Society for Stereotactic and Functional Neurosurgery-2011
The Facial Pain Association - 2010
Trigeminal Neuralgia Association - 2007
Congress of Neurological Surgeons - 2006
American Association of Neurological Surgeons - 2005
Florida Medical Association – 2001

25. **Honors and Awards:**

11/11 UMMG Faculty Hero Award
University of Miami Medical Group

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

- 05/94 Dr. and Mrs. David Harrison Scholarship Award
Given to the student with the third highest academic record in the graduating class
- 05/94 Trustees Scholarship Recipient
New York Medical College
- 05/93 Elected Junior Alpha Omega Alpha
- 05/93 Trustees Scholarship Recipient
New York Medical College
- 05/93 David S. Gerbarg, M.D., Memorial Award
Given to a first or second year student who has demonstrated outstanding academic achievement
- 05/92 Trustees Scholarship Recipient
New York Medical College
- 05/91 Trustees Scholarship Recipient
New York Medical College
- 05/90 Trustees Scholarship Recipient
New York Medical College

26. **Post-Doctoral Fellowships:** None

27. **Other Professional Activities:**

Invited Speaker:

April 2022, Philadelphia, PA. American Association of Neurological Surgeons. Topic: Surgical Management of Intracranial Pressure. Practical Course.

August 2020, Miami, FL. Neurosurgery Grand Rounds, LiTT for Temporal Lobe Epilepsy: The University of Miami Experience. University of Miami

March 2020, Miami, FL. The Phi Delta Epsilon Gelfand Lecturer, University of Miami

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

chapter: From thought to function. University of Miami Coral Gables Campus.

November 2019, Miami, FL. Neurology Grand Rounds, LiTT for mesiotemporal lobe epilepsy; University of Miami

October 2019, Miami, FL. Deep Brain Stimulation for Movement Disorders 2019. Basics on Stereotactic Mapping, Planning Software.

June 2019, Miami, FL. 2nd Excellence Experience in Parkinson Disease. Updates in Neuromodulation.

April 2019, Miami, FL. Third Annual Neural Engineering Symposium. Session 2: Neurotechnology and Development; A brain Machine Interface for Functional Restoration of Grasp in Cervical Quadriplegia.

April 2019, San Diego, CA. Deep Brain Stimulation for Parkinson's Disease: Patient Selection and Target: Breakfast Seminar. Association of Neurological Surgeons.

April 2017, Los Angeles, CA. American Association of Neurological Surgeons. Topic: Surgical Treatment of Parkinson's disease. Breakfast Session.

April 2017, Los Angeles, CA. American Association of Neurological Surgeons. Topic: Laser Thermocoagulation-How, When and Why. Practical Course.

September 2016, San Diego, CA. Congress of Neurological Surgeons. Topic: Laser Ablation Surgery: Opportunities, Indications, Technique and Outcome. Practical Course.

May 2014, Miami, FL. Otolaryngology Grand Rounds. Topic: Deep Brain Stimulation for Neuropathic Pain and Tinnitus.

January 2012, Coconut Grove, FL. Neurology Stroke and Update. Topic: Epilepsy: A Case Presentation

September 2011, Miami, FL. University of Miami Hospital. Topic: DBS indications and video of procedure, complications and routine care.

February 2011, Miami Beach, FL. Neurology Stroke and Update. Topic: DBS for OCD

November 2010, Miami, FL. Move Beyond Medications. Topic: DBS Therapy with Medtronic

April 2010, Coral Gables, FL. Parkinsons Disease Support Group. Topic: Parkoptimist Group on Deep Brain Stimulation

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

May 2009, Miami, FL, 9th Hubert L. Rosomoff Research Day. Topic: Early Experience With A Current Driven Deep Brain Stimulation Device in Parkinson Disease

November 2007, Sarasota, FL, Sarasota Memorial Hospital. Topic: Use of Hypothermia in Spinal Cord Injury

September 2007, Fort Myers, FL, Lee Memorial Hospital, Topic: Use of Hypothermia in Traumatic Brain Injury

May 2006, Tampa, FL, University of South Florida Tampa, Topic: Use of Hypothermia in Traumatic Brain Injury.

Speaker at National Meetings:

September 25, 2016, San Diego, CA, Congress of Neurological Surgeons. Topic: Laser Ablation Surgery: Opportunities, Indications, Technique and Outcome.

June 7, 2015, Miami, FL, Senior Neurosurgical Society Meeting. Topic: University of Miami Functional Neurosurgery Program.

July 13, 2011, Fort Lauderdale, FL, National Neurotrauma Society Meeting. Topic: Intracranial Pressure Management.

May 4, 2010, Philadelphia, PA, American Association of Neurological Surgeons, Advancements in Neurotrauma Care. Topic: Deep Brain Stimulation in Traumatic Brain Injury.

October 27, 2009, New Orleans, LA, Congress of Neurological Surgeons, Luncheon Seminar, Emerging Technologies in Treatment of Neurotrauma, Topic: Update on Hemispherectomy.

October 27, 2009, New Orleans, LA, Congress of Neurological Surgeons, Moderator: Section on Neurotrauma and Critical Care, Excellence Outside the Box: Bringing the Future into the Now.

September 1, 2009, Boston, MA, XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Topic: DBS in the Treatment of Parkinson Disease.

September 4, 2009, Boston, MA, XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Topic: Decompressive Craniotomy in Traumatic Brain Injury: When, How and Why?

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

April 27, 2008, Chicago, IL, American Association of Neurological Surgeons, Special Seminar: Intracranial Pressure Management.

November 10, 2008, Miami, FL, National Pediatric Brain and Spinal Cord Injury Conference. Topic: Deep Brain Stimulation in Traumatic Brain Injury.

TEACHING

28. Teaching Awards Received:

The 5th W. Dalton Dietrich Ph.D. Transitional Research Teaching Award, June 2016

Roberto Heros Teaching Award 2012

29. Teaching Specialization:

Advanced Trauma Life Support (ATLS) Instructor, January 2005-present

Functional Neurosurgical Fellowship Mentor

University of Miami, Miller School of Medicine, first year Medical Student Neuromodule – Functional Neurosurgery Lecturer

30. Thesis and Dissertation Advising: None

SERVICE

31. University Committee and Administrative Responsibilities:

Miller School of Medicine Admissions Committee- 2021-present

Director, Neurotrauma Division-Jackson Memorial Hospital- January 2017-present

UMMG Leadership Council-University of Miami Hospital/ Jackson Memorial Hospital- 2010-2012

UMMG Pillars Committee- University of Miami Hospital/ Jackson Memorial Hospital- 2001-Present

Director Functional Neurosurgery- University of Miami Hospital/ Jackson Memorial Hospital June 2005-present

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

Neurosurgical Director of the Movement Disorder Group- University of Miami Hospital/
Jackson Memorial Hospital-June 2005-present

Director of Neurotrauma Division- University of Miami Hospital/ Jackson Memorial
Hospital-June 2017-present

Other Responsibilities:

Local Scientific Organizing Committee for the 2011 National Neurotrauma Society

Unaffiliated Neurosurgical Consultant for the National Football League (NFL) 2015-
present

32. **Community Activities:**

Techo International, volunteer, 2016- present

Lecture Series on Deep Brain Stimulation to Patient Support Groups

National Parkinsons Foundation, Volunteer 2009