

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

1. Date: August 29, 2020

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 – Present

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

15. Hospital Appointments:

2001 - Present

Jackson Memorial Hospital

2001 - Present

University of Miami Hospital

2001 - Present

Miami VA Healthcare System

2001 - Present

Miami Children's Hospital

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Jagid, Jonathan R., MD, BS ME

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

PUBLICATIONS

18. Books and monographs published:

1. **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.
2. Fu ES, **Jagid J**, Harris LT. Management of Head Injury. Yao (ed): Yao & Artusio's Anesthesiology, 6th ed. Lippincott Williams & Williams, 2007.
3. **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. Figueiroa, 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
2. Sprau, AC, Figueiroa, JM, Komotar, RJ, **Jagid, JR**, Thaller, SR; Medical Field Personnel in Immediate Management of Craniofacial Baseball Injuries: The Neurosurgeon's Role. *Neurosurgery*. 2020
3. 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.
4. Vitek JL, Jain R, Chen L, Tröster AI, Schrock LE, House PA, Giroux ML, Hebb AO, Farris SM, Whiting DM, Leichter TA, Ostrem JL, San Luciano M, Galifianakis N, Verhagen Metman L, Sani S, Karl JA, Siddiqui MS, Tatter SB, Ul Haq I, Machado AG, Gostkowski M, Tagliati M, Mamelak AN, Okun MS, Foote KD, Moguel-Cobos G, Ponce FA, Pahwa R, Nazzaro JM, Bueteifisch CM, Gross RE, Luca CC, **Jagid JR**, Revuelta GJ, Takacs I, Pourfar

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Jagid, Jonathan R., MD, BS ME

- 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
5. 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
 6. 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
 7. Christin I. Bermudez, Walter J. Jermakowicz, John Paul G. Kolcun, Samir Sur, Iahn Cajigas, Carlos Millan, Ramses Ribot, Enrique A.Serrano, Naymee Velez-Ruiz, Merredith 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
 8. 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
 9. 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
 10. 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
 11. 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
 12. 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,

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Jagid, Jonathan R., MD, BS ME

- 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
13. 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
 14. 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.
 15. 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.
 16. 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
 17. 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.
 18. 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
 19. 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.
 20. 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

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Jagid, Jonathan R., MD, BS ME

21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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 Interstitial Thermal Therapy For Temporal Lobe Epilepsy: Anatomical Considerations. *Operative Neurosurgery*. 2017 Oct 1;13(5):627-633. doi: 10.1093/ons/oxp029
30. 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

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Jagid, Jonathan R., MD, BS ME

randomized, blinded study. *Journal of Neurology*, 2016 Jun 8.

31. 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>
32. **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>
33. 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*.
34. 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
35. 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.
36. 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
37. 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.
38. 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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Jagid, Jonathan R., MD, BS ME

39. Varan Govind, Stuart Gold, Krithica Kaliannan, Gaurav Saigal, Steven Falcone, Kristopher L. Arheart, Leo Harris, **Jonathan Jagid** and Andrew A. Maudsley Whole-brain Proton MR Spectroscopic Imaging of Mild-to-Moderate Traumatic Brain Injury and Correlation with Neuropsychological Deficits. *J. Neurotrauma* 2010 Mar; 27(3): 483-96.
40. Zoeller GK, Benveniste RJ, Landy H, Morcos JJ, **Jagid J**. Outcomes and Management Strategies After Nondiagnostic Stereotactic Biopsies of Brain Lesions. *Stereotact Funct Neurosurg.* 2009;87(3):174-81.
41. Levi AD, Green BA, Wang MY, Dietrich WD, Brindle T, Vanni S, Casella G, Elhammady, **Jagid JR**. Clinical Application of Modest Hypothermia after Spinal Cord Injury. *J Neurotrauma*, 2009; 26(3): 407-415.
42. Papapetropoulos S, Gallo BV, Guevara A, Singer C, Mitsi G, Lyssikatos C, **Jagid JR**. Objective tremor registration during DBS surgery for Essential Tremor. *Clin Neurol Neurosurg*, 2009; 111(4): 376-379.
43. Papapetropoulos S, Salcedo AG, Singer C, Gallo BV, **Jagid JR**, Staged Unilateral or Bilateral STN-DBS? Movement Disorder, 2008 Apr 15;23(5):775 (Letter to the Editor).
44. Papapetropoulos S, **Jagid JR**, Sengun C, Singer C, Gallo BV. Objective monitoring of tremor and bradykinesia during deep brain stimulation of STN for Parkinson's disease: A pilot study. *Neurology*, 2008; 70(15): 1244-9.
45. Romaguera RL, Minager A, Bruce JH, **Jagid JR**, Falcone S, Curless RG, Ragheb J, Adrenocortical Carcinoma with Cerebral Metastasis in a Child: Case Report and Review of the Literature. *Clin Neurol Neurosurg*, 2001; 103(1):46-50.
46. Yu CG, **Jagid JR**, Ruenes G, Dietrich WD, Marcillo AE, Yeziarski RP. Detrimental effects of systemic hyperthermia on locomotor function and histopathological outcome after traumatic spinal cord injury in the rat. *Neurosurg*, 2001; 49(1): 152-9.
47. Lee TT, Uribe J, Ragheb J, Morrison G, **Jagid JR**, Unique clinical presentation of pediatric shunt malfunction. *Pediatr Neurosurg*, 1999; 30(3):122-6.
48. Miranda JD, White LA, Marcillo AE, Willson CA, **Jagid J**, Whittemore SR: Induction of Eph B3 after spinal cord injury. *Exp. Neurol*, 1999; 156:218-222.

Other works, Publications and Abstracts:

1. Corneliu Luca, Jonathan Jagid, Mustafa Siddiqui, Stephen Tatter, Lilly Chen, Roshini

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Jagid, Jonathan R., MD, BS ME

- 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
2. 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.
 3. 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.
 4. John Paul George Kulcun, 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.
 5. 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.
 6. John Paul George Kulcun, Joanna Gernsback, Brian Covello, Olivia Gardner, Iahn Cajigas, Angela Richardson, Jonathan Jagid. More Than a Score: The Impact of Injury Mechanism in Critically-Injured Patients. American Association of Neurological Surgeons (AANS), San Diego 2019.
 7. Joanna Gernsback, John Paul Kulcun, Brian Covello, Iahn Cajigas, Jonathan Jagid. Pedestrian Crossing: The Role of Vehicle Occupancy in Motor Vehicle Collisions. American Association of Neurological Surgeons (AANS), San Diego 2019.
 8. Anil Mahavadi, Walter Jermakowicz, Iahn Cajigas, Lia Dan, Santiago Guerra, Appy Tong, Jonathan Jagid, Ricardo Komotar. Preoperative Imaging-based prediction of Laser Interstitial Thermal Therapy Brain Tumor Ablation Dynamics. American Association of Neurological Surgeons (AANS), San Diego 2019.
 9. Iahn Cajigas, Noeline W Prins, Sebastian Gallo, Jasim A Naeem, Santiago Guerra, Brandon Parks, Anne Palermo, Audrey Wilson, Letitia Fisher, Steven Vanni, Michael E Ivan, Abhishek Prasad, Jonathan Jagid; A Fully Implantable Brain Machine Interface for Volitional Hand Grasp Restoration In Cervical Quadriplegia. Congress of Neurological Surgeons (CNS), San Francisco 2019.
 10. 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.

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Jagid, Jonathan R., MD, BS ME

11. 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.
12. Daniel Garbin Di Luca, Danielle Shpiner, Iahn Cajigas, Juan Sebastian Diaz, Jason Margolesky, Henry Moore, Bonnie Levin, Carlos Singer, Jonathan Jagid, Corneliu Luca. Gender Disparities in Deep Brain Stimulation Surgery for Parkinson's Disease. American Academy of Neurology (AAN), Philadelphia 2019.
13. Carlos Millan, Anita Saporta, Ramses Ribot, Travis Stoub, Christin Bermudez, Merredith Lowe, Maria E. Palomeque, Gustavo Rey, Enrique Serrano, Naymee Velez Ruiz, Jonathan Jagid, Andres Kanner. Can volumes of cortical and subcortical structures predict pre and post-laser ablation psychiatric symptoms in patients with temporal lobe epilepsy? American Academy of Neurology. Los Angeles. 2018.
14. 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.
15. 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.
16. 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.
17. 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.
18. Kolcun JPG, Covello BR, Gernsback JE, Cajigas I, Jagid JR. M5: The Miami Model for MVC Morbidity and Mortality. Congress of Neurological Surgeons Annual Meeting, Houston, October 2018.
19. Iahn Cajigas , Amanda Casabella , Andrew Roth, Walter Jermakowicz, Carlos Millan, Ramses Ribot , Merredith Lowe, Naymee Velez-Ruiz, Enrique Serrano, Gustavo Rey, Andres Kanner, Jonathan Jagid. Laser Interstitial Thermal Therapy for Mesial Temporal

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Epilepsy: Rates of Seizure Freedom at 2 Year Follow-Up. Congress of Neurological Surgeons. Texas. 2018. Congress of Neurological Surgeons. Texas. 2018.

20. 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.
21. 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.
22. 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.
23. Chengyuan Wu, Walter Jermakowicz, Srijata Chakravorti, Iahn Cajigas, Jonathan Jagid, Brett Youngerman, Sameer A. Sheth, Guy M. McKhann, Adrian Laxton, Daniel Couture, Gautam Popli, Fernando Vale, Kathryn L. Holloway, Dario J. Englot, Joseph S. Neimat, Peter E Konrad, Jason Schwalb, Ellen Air, Benoit M. Dawant, Pierre-Francois D'Haese. Seizure Freedom In Laser Interstitial Thermal Therapy For Temporal Lobe Epilepsy Is Associated With The Presence Of Mesial Temporal Sclerosis And Location Of Ablation: A Multicenter Retrospective Analysis Of 74 Patients.
24. Andres M Kanner, MD, FANA¹, Ramses Ribot, MD¹, Enrique Serrano, MD¹, Naymee Velez-Ruiz, MD¹, Meredith Lowe, MD¹, Raquel Lopez, MD¹, Gustavo Rey, PhD¹, Walter Jermacowicz, MD² and Jonathan Jagid, MD². Is Laser Ablation of Mesial Temporal Structures the New Surgical Treatment of Intractable Temporal Lobe Epilepsy? American neurological Association. Maryland. 2016.
25. Bermudez, C., McInerney, K., Jermakowicz, W., Andrews, A., Jagid, J., Palomeque, M., Velez-Ruiz, N., Serrano, E., Ribot, R., Lowe, M., Kanner, A., & Rey, G. Nathan B. Schoen, Angela M. Volumetric measurements of temporal lobe structures and neuropsychological performance in a Spanish-speaking cohort of epilepsy patients. National Academy of Neuropsychology. Seattle. 2016.
26. Bermudez, C., Jermakowicz, W., McInerney, K., Andrews, A., Jagid, J., Palomeque, M., Velez- Ruiz, N., Serrano, E., Ribot, R., Lowe, M., Kanner, A., & Rey, G. Correlation of mesial temporal lobe anatomy with neuropsychological performance in epilepsy patients undergoing evaluation for laser thermal ablation. National Academy of Neuropsychology. Seattle. 2016.
27. Richardson, Julia Janecki, Mirza Baig, Carlos Bidot, Hyejong S. Marshall, Emma O.

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- Lew, Jonathan R. Jagid, M. Ross Bullock. Gunshot Wounds to the Head in Urban South Florida: An In-Depth Epidemiologic Evaluation. 14th Annual AMA Research Symposium. Orlando FL. 2016
28. Walter J. Jermakowicz, M.D. Ph.D.¹, Ramses Ribot, M.D.², Michael E. Ivan, M.D., Bruno L. Kanski¹, Naymee Velez-Ruiz, M.D., Enrique A. Serrano, M.D.², Andres M. Kanner, M.D.² and Jonathan R. Jagid, M.D.¹ Homonymous hemianopsia as a complication from laser interstitial thermal therapy for mesiotemporal epilepsy. ASSFN Biennial Meeting. Chicago IL. 2016.
 29. Jermakowicz, W, **Jagid, J.**, Laser Interstitial Thermal Therapy for the Treatment of Mesial Temporal Lobe Epilepsy: Seizure Freedom and Complication Rates. American Association of Neurological Surgery. Chicago, IL. 2016.
 30. Gernsback, E., **Jagid, J.**, Drainage in Chronic Subdural Hematoma. American Association of Neurological Surgery.
 31. Schneider, H.L., Sun-Suslow, N., Anderson, S., Segalà, L., Millard, A.B., Rossetti, A., Luca, C., **Jagid, J.**, Singer, C. Levin, B. Does REM Behavior Sleep Disorder Alter DBS Outcome in Parkinson's Disease? International Neuropsychology Society. Boston, MA. 2016.
 32. Casey J. Allen, Nicholas Namias, M. Ross Bullock, **Jonathan R. Jagid**, and Kenneth G. Proctor. Early Craniectomy Based On CT Features Improves Intracranial And Cerebral Perfusion Pressure After Severe Traumatic Brain Injury. 74th Annual Meeting of the American Association for the Surgery of Trauma in Las Vegas, Nevada.
 33. Schneider, H.L., Sun-Suslow, N., Anderson, S., Segalà, L., Millard, A.B., Rossetti, A., Luca, C., Jagid, J., Singer, C. Levin, B. Does REM Behavior Sleep Disorder Alter DBS Outcome in Parkinson's Disease? International Neuropsychological Society. New South Wales, AU. 2015.
 34. 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.
 35. 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.

Curriculum Vitae

Jagid, Jonathan R., MD, BS ME

36. 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
37. 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.
38. R. Ribot, **J. Jagid**, M. Lopez, M. Lowe, M. Palmoneque, G. Rey, E. Serrano, L. Tornes, A. Kanner. MRI-Guided Laser ablation of mesial temporal structures for the treatment of refractory temporal lobe epilepsy. 2015 AES Meeting, Chicago IL. 2015.
39. 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.
40. 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
41. 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.
42. 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.
43. 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.
44. Karthik Madhavan, **Jonathan R. Jagid**, and Bruno V. Gallo, A unique radiographic and clinical finding in Deep Brain Stimulation. American Association of Neurological Surgeons. New Orleans, LA, April 2013.
45. 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

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EMBS Conference. San Diego, California. 2012.

46. 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.
47. 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.
48. **J. Jagid**. Results of very early decompressive craniectomy for severe traumatic brain injury. National Neurotrauma Society Meeting. Las Vegas, NV, June 2010.
49. **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.
50. 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.
51. 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.
52. 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.
53. 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 Parkinson's disease. *Movement Disorders*, 2007; 22(Suppl 16):S171.
54. DA Nation, HL Katzen, RA Rodriguez, JA Ledon, A Capano, S. Papapetropoulos, BV Gallo, **JR Jagid**, BE Levin. Defining features of subsyndromal depression in Parkinson's disease. *Movement Disorders*, 2007; 22(Suppl 16):S105.

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55. 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.
56. 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.
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

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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. 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

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Jagid, Jonathan R., MD, BS ME

Traumatic Brain Injury as an Indicator of Cellular Injury. XVth International Symposium of Brain Edema^[1] 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 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.

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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.

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-

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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
 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

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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
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

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- 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:

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 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.

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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

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

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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 Hemicraniectomy.

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?

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:

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Jagid, Jonathan R., MD, BS ME

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:

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

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

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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