**CURRICULUM VITAE**

**DATE:** January 23, 2019

**NAME:** John L. Gillick, MD

**HOME ADDRESS:**

**OFFICE ADDRESS:** 90 Bergen St., Ste. 8100, Newark, NJ 07103

**EMAIL:** jg1388@newark.rutgers.edu

**CITIZENSHIP:** U.S.A.

**EDUCATION:**

1. Undergraduate

Boston University

Boson, MA

Bachelor of Arts, Chemistry: Biochemistry

*Magna Cum Laude* May 14, 2006

1. Graduate and Professional

New York Medical College

Valhalla, NY

Doctor of Medicine May 26, 2010

**POSTGRADUATE TRAINING:**

1. Internship and Residency

Westchester Medical Center-New York Medical College

Neurological Surgery

7/1/2010-6/30-2016

1. Fellowship

Westchester Medical Center-New York Medical College

Enfolded Spinal Surgery Fellowship

7/1/2013-6/30/2014

Thomas Jefferson University Hospitals

Shriners Hospital for Children-Philadelphia

Post-Residency Spinal Surgery Fellowship

Complex Spine Surgery and Pediatric Spinal Deformity

8/1/2016-7/31/2017

1. Postdoctoral Appointments—N/A

**MILITARY:** N/A

**ACADEMIC APPOINTMENTS:**

Department of Neurological Surgery

 Rutgers, New Jersey Medical School

 Assistant Professor of Neurological Surgery

 8/17-present

**HOSPITAL APPOINTMENTS:**

Department of Neurological Surgery

 University Hospital, Newark, NJ

 Attending physician

 9/17-present

 Department of Surgery

 Newark-Beth Israel Medical Center

 Attending physician

 9/17-present

 Department of Surgery

 St. Clare’s Hospital, Denville, NJ

 Attending physician

 10/17-present

Department of Surgery

 St. Mary’s General Hospital, Passaic, NJ

 Attending physician

 10/17-present

**OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:**

Department of Surgery

 Lincoln Medical and Mental Health Center, Bronx, NY

 Attending physician

 12/16-present

**PRIVATE PRACTICE:** N/A

**LICENSURE:**

NJ Medical License/25MA10152100/expires 6/30/19

 NY Medical License/283356/expires 5/31/19

**DRUG LICENSURE:**

CDS: D11075300

 DEA: FG6119463/expires 9/30/19

**CERTIFICATION:** Neurosurgery Board Eligible

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

Lumbar Spine Research Society (LSRS)

 Member

 5/17-present

 AO Spine North America

 Member

 8/16-present

 Pennsylvania Medical Society

 Member

 8/16-present

 North American Spine Society (NASS)

 Member

 8/14-present

 Joint Section of Disorders of the Spine and Peripheral Nerves

 Member

 7/12-present

 Joint Section of Pediatric Neurosurgery

 Member

 7/12-present

 Joint Section of Cerebrovascular Disease

 Member

 7/12-present

 American Association of Neurological Surgeons

 Member

 7/10-present

 Congress of Neurological Surgeons

 Member

 7/10-present

 American Medical Association

 Member

 7/10-present

**HONORS AND AWARDS:**

Outstanding Resident Research Award

 New York State Neurosurgical Society

 June 3, 2016

 Department of Neurosurgery Medical Student Award

 New York Medical College Department of Neurosurgery

 May 24, 2010

**BOARDS OF DIRECTORS/TRUSTEES POSITIONS:** N/A

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:** N/A

**SERVICE ON MAJOR COMMITTEES:**

1. International-N/A
2. National-N/A
3. Medical School/University-N/A
4. Hospital-Westchester Medical Center, Graduate Medical Education Housestaff Quality Council, Member 7/14-6/15, Co-Chairman 7/15-6/16
5. Department-N/A
6. Editorial Boards-N/A
7. AdHoc Reveiwer-N/A

**SERVICE ON GRADUATE SCHOOL COMMITTEES:** N/A

**SERVICE ON HOSPITAL COMMITTEES:** Westchester Medical Center, Graduate Medical Education Housestaff Quality Council, Member 7/14-6/15, Co-Chairman 7/15-6/16

**SERVICE TO THE COMMUNITY:** N/A

**SPONSORSHIP (Primary Mentorship) OF CANDIDATES FOR POSTGRADUATE DEGREE:** N/A

**SPONSORSHIP (Primary Mentorship) OF POSTDOCTORAL FELLOWS:** N/A

**TEACHING RESPONSIBILITIES:**

1. Lectures or Course Directorships—N/A
2. Research Training—N/A

**CLINICAL RESPONSIBILITIES:**

1. Participates equally in Neurological Surgery Call at University Hospital, Newark Beth Israel Hospital, Prime Health Hospitals and any other contractual arrangements made by the Department of Neurological Surgery for clinical services.
2. Develops the Rutgers neurosurgical general and spine practice primarily at St. Clare’s and St. Mary’s Hospital, as well as at University Hospital, Newark
3. Resident education in the OR and through academic curriculum development
4. Educate and mentor medical students.
5. Development of clinical interests and academic expertise in Spine Surgery
6. Establishing a busy clinical referral base in a hybrid academic and community practice
7. Participates in the teaching of Neurological Surgery residents at Rutgers, New Jersey Medical School

**GRANT SUPPORT:** N/A

**PUBLICATIONS:**

1. Refereed Original Article in Journal
2. Dorn HF, **Gillick JL**, Stringel G; Laparoscopic Intragastric Removal of Giant Trichobezoar; Journal of the Society of Laparoendoscopic Surgeons, 14:259-262, 2010
3. Neil J, **Gillick J**, Das K; Surgical Treatment of Odontoid Fractures: A Review; Current Orthopaedic Practice, 23:166-171, 2012
4. Hu YC, Chugh C, Jeevan D, **Gillick JL**, Marks S, Stiefel M; Modern endovascular treatments of occlusive pediatric acute ischemic stroke: case series and review of the literature; Childs Nervous System, 30:937-943, 2014
5. **Gillick JL**, Murali R, Jhanwar-Uniyal M; Glioblastoma Multiforme: Finding Novel Inhibitors for Effective and Selective Targeting; Anticancer Research: International Journal of Cancer Research and Treatment, 34:5979, 2014
6. Jhanwar-Uniyal M, **Gillick JL**, Neil J, Tobias M, Thwing Z, Murali R; Distinct signaling mechanisms of mTORC1 and mTORC2 in Glioblastoma Multiforme: A tale of two complexes; Advances in Biological Regulation, 57:64-74, 2015
7. **Gillick JL**, Wainwright J, Das K; Rheumatoid Arthritis and the Cervical Spine: A Review on the Role of Surgery; International Journal of Rheumatology, 2015:252456, 2015
8. Cooper JB, **Gillick JL**, LaBagnara M, Das K, Hillard VH; Traumatic Lumbar Subdural Hematoma in the Absence of Intracranial Pathology: A Case Report; World Neurosurgery, 90:706.e15-8, 2016
9. Wang A, Carberry N, Solli E, **Gillick J**, Islam H, Hillard V; Spinal Cord Compression Secondary to Extramedullary Hematopoiesis; Case Reports Oncology, 9:290-297, 2016
10. **Gillick JL**, Cooper JB, Babu S, Das K, Murali R; Successful Treatment of Complex Regional Pain Syndrome with Pseudoaneurysm Excision and Median Nerve Neurolysis; World Neurosurgery, 92:582.e5-8, 2016
11. Ruzicka J, Machova-Urdzikova L, **Gillick J**, Amemori T, Romanyuk N, Karova K, Zaviskova K, Dubisova J, Kubinova S, Murali R, Sykova E, Jhanwar-Uniyal M, Jendelova P; A Comparative Study of Three Different Types of Stem Cells for Treatment of Rat Spinal Cord Injury; Cell Transplant, 26:585-603, 2017
12. Vahedi P, Rymarczuk G, **Gillick JL**, Prasad SK, Lotfinia I; Letter to the Editor: Intraspinal Cervical Osteochondroma; World Neurosurgery, 101:805-810, 2017
13. Vahedi P, Rymarczuk GN, **Gillick JL**, Tubbs RS, Wilson J, Prasad SK. Spontaneous Fusion of S2/S3 Spondyloptosis in an Adult: A Case Report; World Neurosurgery, 2017 Oct 11. pii: S1878-8750(17)31728-X. doi: 10.1016/j.wneu.2017.10.001.
14. Stricsek G, **Gillick J**, Rymarczuk G, Harrop JS. Managing the Complex Patient with Degenerative Cervical Myelopathy: How to Handle the Aging Spine, the Obese Patient, and Individuals with Medical Comorbidities; Neurosurgery Clinics of North America, 2018 Jan;29(1):177-184.
15. He, KD, Rymarczuk GN, Clark SW, **Gillick JL**, Vahedi P, Sharan AD. A Novel Technique for Prevention of Subarachnoid-Pleural Fistula After Incidental Durotomy During Transthoracic Spinal Surgery. Operative Neurosurgery. 2018 Jul 21. Doi: 10.1093/ons/opy170 [Epub ahead of print]

1. Books, Monographs and Chapters
2. **Gillick JL**, Harrop JS; Chapter 17: Posterior Laminoforaminotomy for Radiculopathy; Degenerative Cervical Myelopathy and Radiculopathy: Treatment Approaches and Options, 1st Edition; Fehlings MG, Haid RW, Kaiser MG, Shaffrey CI (Eds.); Submitted/Accepted; Springer Science, New York, NY; 2017
3. Sabourin V, **Gillick JL**, Harrop JS; Chapter 54: Instrumentation related complications; Complications in Neurosurgery, 1st Edition; Anil Nanda (Ed.); Submitted/Accepted; Elsevier, New York, NY; 2017
4. **Gillick JL** and Prasad SK; Chapter 17: Comprehensive Review of Spinal Cord Injury Pharmacology and Recent Medical Advances in Treatment; Neurotrauma and Critical Care of the Spine, 2nd Edition; Vaccaro AR and Jallo JI (Eds.); Sumbitted/Accepted; Thieme Publishers, New York, NY; 2017

1. Patents Held—N/A

1. Other Articles—N/A
2. Abstracts
3. Jeevan DS, **Gillick JL**, Mohan A, Tobias M; Acute Suppurative Intracranial Complications of Sinusitis: A Single Institution Experience; Poster Presentation at Congress of Neurological Surgeons (CNS)/American Association of Neurological Surgeons (AANS) Joint Section of Pediatric Neurosurgery Annual Meeting, 2009
4. **Gillick JL**, Pukenas B, Hurst RH, Stiefel MF; Stimulation of the Trigemino-Cardiac Reflex with Dimethyl Sulfoxide During Aneurysm Embolization; Poster Presentation at CNS/Society of Neurointerventional Surgery (SNIS) Joint Section on Cerebrovascular Disease Annual Meeting, 2013
5. Hu Y, **Gillick J**, Stiefel MF; Early Angiographic Occlusion of Ruptured Blister Aneurysms of the Internal Carotid Artery Treated with the Pipeline Embolization Devices; Poster Presentation at CNS/SNIS Joint Section on Cerebrovascular Disease Annual Meeting, 2013
6. Ronecker J, Jeevan D, **Gillick JL**, Stiefel MF, Hu YC; Flow Diversion as an Emerging Therapy for Ruptured Blister Aneurysms; Poster Presentation at World Federation of Neurological Surgeons (WFNS) Interim Meeting, 2013
7. LaBagnara M, **Gillick JL**, Hillard VH, Das K; Multilevel Standalone ACDF has Reduced Operative Time Compared with Allograft and Plate; Poster Presentation at AANS Annual Scientific Meeting, 2014
8. **Gillick JL**, Murali R, Jhanwar-Uniyal M; Glioblastoma multiforme: Finding Novel Inhibitors for Effective and Selective Targeting; Poster Presentation at International Conference for Anticancer Research, 2014
9. **Gillick JL**, Mohan AL, Lee P, Tobias M, Murali R, Jhanwar-Uniyal M; The Intersection of PI3K/mTOR and HIPPO Pathways: A New Therapeutic Target for Medulloblastoma Therapy; Poster Presentation at International Society for Pediatric Neurosurgery Annual Meeting, 2014
10. **Gillick JL**, LaBagnara M, Shannon C, Hillard VH, Das K; Intraoperative Assessment of Canal Clearance in the Treatment of Lumbar Burst Fractures Using the O-Arm; Poster Presentation at AANS Annual Scientific Meeting, 2015
11. **Gillick JL**, Thwing ZE, Murali R, Jhanwar-Uniyal M; Targeting Glioblastoma and Its Stem Cells Using Novel Small Molecule Inhibitors of the mTOR Pathway; Oral Presentation at AANS/CNS Section on Tumors, 11th Biennial Tumor Symposium, 2015
12. **Gillick JL**, Thwing ZE, Murali R, Jhanwar-Uniyal M; Targeting Glioblastoma and Its Stem Cells Using Novel Small Molecule Inhibitors of the mTOR Pathway; Poster Presentation at American Association for Cancer Research Annual Meeting, 2015
13. Tandon A, **Gillick JL**, Wang A, Amin AG; Delayed Tension Pneumocephalus Secondary to a Missile Injury Requiring Skull Base Repair; Poster Presentation at North American Skull Base Society Annual Meeting, 2016
14. **Gillick JL**, Wainwright J, Sursal T, Ronecker J, Amin A, Hillard VH, Das K; Image-Guided Placement of Thoracolumbar Pedicle Screws Does Not Prolong Operative Duration; Poster Presentation at CNS Annual Meeting, 2016
15. Rymarczuk GN, **Gillick JL**, Vahedi P, Heller JE, Harrop JS, Prasad SK; Preliminary neurophysiologic data for cortical bone trajectory screws; Poster Presentation at AANS Annual Meeting, 2017
16. **Gillick JL**, Rymarczuk GN, Vahedi P, Jallo JI, Heller JE, Prasad SK, Harrop JS; Cervical Spinal Cord Tumor or Trauma? MRI T2 Signal Change and Gadolinium Enhancement what does it mean?; Poster Presentation at AO Spine Annual Fellows Forum, 2017
17. Rymarczuk GN, Vahedi P, **Gillick JL**, Jallo JI, Heller JE, Harrop JS, Prasad SK; Neurophysiologic data for an initial series of consecutive lumbosacral fusion procedures using cortical bone trajectory (CBT) screws; Poster Presentation at Scoliosis Research Society Annual Meeting, 2017
18. Reports—N/A

**PRESENTATIONS:**

1. Scientific:
2. **Gillick JL**, Thwing ZE, Murali R, Jhanwar-Uniyal M; Targeting Glioblastoma and Its Stem Cells Using Novel Small Molecule Inhibitors of the mTOR Pathway; Oral Presentation at AANS/CNS Section on Tumors, 11th Biennial Tumor Symposium, 2015
3. **Gillick JL**, Thwing ZE, Murali R, Jhanwar-Uniyal M; Targeting Glioblastoma and Its Stem Cells Using Novel Small Molecule Inhibitors of the mTOR Pathway; Oral Presentation at New York State Neurosurgical Society Annual Meeting, 2015
4. **Gillick JL**, Jhanwar-Uniyal M; Human Mesenchymal Stem Cells and Curcumin Enhance Recovery from Spinal Cord Injury by Altering the Immune Response; Oral Presentation at New York State Neurosurgical Society Annual Meeting, 2016
5. Professional
6. **Gillick JL**, Garell PC; Surgical Treatment of Movement Disorders; Westchester Medical Center Department of Neurology Grand Rounds, 2012
7. **Gillick JL**, Neil J, Murali R, Hu YC, Stiefel MF; Current Treatment Strategies for Cerebral Aneurysms; Westchester Medical Center Department of Neurosurgery Grand Rounds, 2012
8. **Gillick JL**, Murali R; Spinal Dysraphism: A Spectrum of Pathology; Westchester Medical Center Department of Neurology Grand Rounds, 2014
9. **Gillick JL**, Murali R; Intracranial Hypotension; Westchester Medical Center Department of Neurology Grand Rounds, 2015