

STAVROPOULA I. TJOUMAKARIS, MD, FAANS

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UNIVERSITY APPOINTMENTS

11/2020-Present	Thomas Jefferson University , Philadelphia, PA Chair of Neurological Surgery Committee on Faculty Affairs
4/2019-Present	Thomas Jefferson University , Philadelphia, PA Professor of Neurological Surgery Division of Neurovascular Surgery and Endovascular Neurosurgery
12/2014-4/2019	Thomas Jefferson University , Philadelphia, PA Associate Professor of Neurological Surgery Division of Neurovascular Surgery and Endovascular Neurosurgery
12/2013-Present	Thomas Jefferson University , Philadelphia, PA Director of Fellowship In Neuroendovascular Surgery and Cerebrovascular Neurosurgery
2/2013-Present	Thomas Jefferson University , Philadelphia, PA Associate Program Director of Neurological Surgery Residency
5/2014-Present	Jefferson Medical College , Philadelphia, PA Neuroscience IDEPT Instructor
7/2012-7-2013	St Mary Medical Center , Langhorne, PA Medical Director of Stroke Center
1/2011-11/2014	Thomas Jefferson University , Philadelphia, PA Assistant Professor of Neurological Surgery Division of Neurovascular Surgery and Endovascular Neurosurgery
9/2011-8/2018	Jefferson Medical College , Philadelphia, PA Gross Anatomy Instructor
1/2011-Present	Jefferson Medical College , Philadelphia, PA Neurosurgery Clerkship Director
7/2009-12/2010	Thomas Jefferson University , Philadelphia, PA Instructor of Neurological Surgery

2012-2017 **Jefferson Medical College**, Philadelphia, PA
Introduction to Clinical Medicine Instructor

2008-2018 **Jefferson Medical College**, Philadelphia, PA
Neuroscience Clinical Conference Instructor

NATIONAL & INTERNATIONAL APPOINTMENTS

2020-Present **Secretary, CNS/AANS Cerebrovascular Section**

2020-Present **Co-Vice Chair, Joint Guidelines Review Committee**
Congress of Neurological Surgeons, American Association of
Neurological Surgeons

2019-Present **Medical Advisory Board**
Brain Aneurysm Foundation

2019-Present **Executive Committee Officer**
Greek American Neurosurgical Society, GANS

2019-2020 **Chair, Cerebrovascular Section Membership Committee**
Congress of Neurological Surgeons, American Association of
Neurological Surgeons

2018-2019 **Chair, Cerebrovascular Section Scientific Program
Committee**
Congress of Neurological Surgeons, American Association of
Neurological Surgeons, Society for Neurointervnetional Surgery

2017 **Cerebrovascular Section Neurocritical Care Society
Liaison**

2017-2018 **Co-Chair, Cerebrovascular Section Scientific Program
Committee**
Congress of Neurological Surgeons, American Association of
Neurological Surgeons, Society for Neurointervnetional Surgery

2017-2018 **Chair, Cerebrovascular Section Scientific Program
Committee**
Congress of Neurological Surgeons

2017-2018 **Chair, Cerebrovascular Section Scientific Program
Committee**
American Association of Neurological Surgeons

2016-2017 **Co-Chair, Cerebrovascular Section Scientific Program Committee**
Congress of Neurological Surgeons

2016-2017 **Co-Chair, Cerebrovascular Section Scientific Program Committee**
American Association of Neurological Surgeons

EDUCATION

2016-2017 **Leadership Academy**
Thomas Jefferson University Hospitals

2013 **American Board of Neurological Surgeons**
Certified Diplomate

2009-2010 **Thomas Jefferson University Hospital**, Philadelphia, PA
Fellow in Endovascular Neurological Surgery, Cerebrovascular Surgery and Neurovascular Critical Care

2004-2009 **Thomas Jefferson University Hospital**, Philadelphia, PA
Resident of Neurological Surgery

2003-2004 **Thomas Jefferson University Hospital**, Philadelphia, PA
Intern of General Surgery

1999-2003 **Jefferson Medical College**, Philadelphia, Pennsylvania
Medical Doctor
Diploma With Highest Honors

1995-1999 **The Richard Stockton College of New Jersey**, Pomona, NJ
Summa Cum Laude, Class Salutatorian
Bachelor of Science
Major: Biology
Minors: Physics, Chemistry
Class Rank: 2 of 1500

1991-1995 **Igoumenitsa 1st Regional High School**, Igoumenitsa, Greece
Class Valedictorian, Diploma Earned with Highest Honors

HONORS/AWARDS

July 2020 **Dean's Award for Excellence In Education at Sidney Kimmel Medical College.** Expression of appreciation for

excellence in teaching medical students, residents and fellows.
Philadelphia, Pennsylvania.

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| October 2018 | CAST Subspecialty Certification in Neuroendovascular Surgery
The Society of Neurological Surgeons Committee of Advanced Subspecialty Training |
| October 2017 | Top 2 Most Cited Article In Literature: Safety and Efficacy of Endovascular Treatment of Basilar Tip Aneurysms by Coiling With and Without Stent Assistance: A Review of 235 Cases. Neurosurgery, 2012-2017. |
| May 2014 | Dean's Award for Excellence In Education: Office of the Dean Jefferson Medical College: Expression of appreciation for excellence in teaching medical students, residents and fellows. Philadelphia, Pennsylvania. |
| June 2012 | Commemoration Certificate by Bohuslav Svoboda Mayor of City of Prague, 7th Central European Neurosurgical Society Meeting: Expression of appreciation for professional activities and merits. Prague, Czech Republic. |
| December 2008 | 1st Place Neurosurgical Conference Resident Competition: Basic Science Research Award, 20th Annual Pan-Philadelphia Neurosurgical Conference: Administration of Bone Marrow Stem Cells Acutely After Stroke Produces Long Term Sensorimotor Recovery and Changes in Brain Inflammatory and Vascular Elements. Philadelphia, Pennsylvania. |
| September 2007 | Jefferson S.T.A.R Employee: Awarded to the house staff officer who demonstrates qualities of safety, teamwork, awareness, and respect in patient care. Philadelphia, Pennsylvania. |
| September 2007 | Finalist Top 3 in the US, Congress of Neurological Surgeons SANS Resident Challenge. San Diego, California. |
| January 2007 | 1st Place Neurosurgical Conference Resident Competition: Clinical Science Research Award, 18th Annual Pan-Philadelphia Neurosurgical Conference: Angiographic analysis between platinum and bioactive detachable coils. Philadelphia, Pennsylvania. |
| October 2006 | Finalist Top 9 in the US, Congress of Neurological Surgeons SANS Resident Challenge. Chicago, Illinois. |
| 2006-Current | Graduate Medical Education Committee, Elected House Officer: Committee Member charged with monitoring and maintaining the ethical, professional, and scholarly requirements in |

graduate resident education. Thomas Jefferson University Hospital, Philadelphia, Pennsylvania.

2003-2004 **Excellence in Surgical Teaching Award:** Presented by Jefferson Medical College students for exceptional teaching, Philadelphia, Pennsylvania.

January 2004 **1st Place Neurosurgical Conference Resident Competition: Basic Science Research Award, 15th Annual Pan-Philadelphia Neurosurgical Conference:** Neuropeptide Interactions in Locus Coeruleus during stress. Philadelphia, Pennsylvania.

2003 **Alpha Omega Honor Society, Jefferson Medical College**

2003 **William F. Kellow Prize, Jefferson Medical College:** Awarded to graduating medical student “exemplifying the attributes of an ideal physician”.

2003 **William Potter Memorial Prize In Clinical Medicine, Jefferson Medical College:** Awarded to graduating medical student with the highest average in Clinical Medicine.

1999-2003 **Academic Honors, Jefferson Medical College:** Dean’s list (Top 5 percentile): Gross Anatomy, Biochemistry, Physiology, Histology, Pharmacology, Pathology (Highest Honors).

Clinical Honors, Jefferson Medical College: Neurosurgery Research, Clinical Neurosurgery, General Surgery, Medicine, Obstetrics and Gynecology, Psychiatry, Pediatrics, Family Medicine.

Association of Pathology Chairs Honor Society: Academic excellence in Pathology.

Hobart Amory Hare Medical Honor Society: Academic excellence in Clinical Medicine.

Benjamin and Mary Siddons Measey Foundation Award Scholarship: Academic achievement 2001-2002, 2002-2003.

Thomas Jefferson Neurological Research Travel Scholarship: awarded for presentation at 30th annual meeting of Society for Neuroscience, New Orleans, Louisiana, November 2000.

May 1999 **Award of Distinction for Senior Thesis Presentation, The Richard Stockton College of New Jersey.**

SouthShore Foundation Academic Scholarship, The Richard Stockton College of New Jersey.

April 1998 **Association of American Medical Colleges:** Achieved distinction of top 98th percentile in the Medical College Admission.

NEUROSURGICAL NATIONAL COMMITTEES

2020	Abstract Review Committee International Stroke Conference: Neuroendovascular
2020	American Heart Association/American Stroke Association Central Retinal Artery Occlusion Management Guidelines Review Committee
2020	American Heart Association/American Stroke Association Secondary Stroke Prevention Guidelines Write-Up Review Committee
2019	Cerebrovascular Section of Neurological Surgeons Subarachnoid Hemorrhage Management Guidelines Committee
2019	Abstract Review Committee Cerebrovascular Section of Neurological Surgeons, CNS American Association of Neurological Surgeons Cerebrovascular Section of Neurological Surgeons American Heart Association/American Stroke Association
2018	Greek American Neurosurgical Society Executive Committee
2017-Present	Neurocritical Care Society Liaison for the Cerebrovascular Section Joint Guidelines Committee
1/2017-12/2017	Co-Scientific Program Chair , Philadelphia, PA 29 th Annual Pan Philadelphia Neurosurgery Conference
2017	Scientific Program Committee Society for Neurointerventional Surgery (SNIS)
10/2014-Preset	Chair of Cerebrovascuclar Section Scientific Program Committee American Association of Neurological Surgeons, Congress of Neurological Surgeons, Cerebrovascular Section Annual Meeting 2015, 2016, 2017, 2018 Annual Meetings
5/2015	The Brain Aneurysm Foundation Congress Lobby Day: Thomas Jefferson University Representative
2014-Present	Joint Guidelines Committee

Cerebrovascular Section, Congress of Neurological Surgeons and
American Association of Neurological Surgeons

10/2014-2018 **Scientific Program Committee**

Congress of Neurological Surgeons
2015, 2016, 2017, 2018 Annual Meetings

2018

Abstract Review Committee

American Association of Neurological Surgeons
Congress of Neurological Surgeons
Cerebrovascular Section of CNS/AANS

6/2014-Present

Abstract Review Committee

International Stroke Conference

2/2013

Abstract Review Committee

3rd SNIS International Endovascular Stroke Conference/Joint CV
Section Annual Meeting

4/2012-Present

Cerebrovascular Executive Committee

Congress of Neurological Surgeons and
American Association of Neurological Surgeons

4/2012-Present

Cerebrovascular MOC Committee

Congress of Neurological Surgeons and
American Association of Neurological Surgeons

4/2012-Present

CNS Education Committee

Congress of Neurological Surgeons

4/2012-Present

CNS SANS Committee

Congress of Neurological Surgeons

UNIVERSITY AND HOSPITAL COMMITTEES

11/2020-Present

**Thomas Jefferson University, Sidney Kimmel Medical
College, Philadelphia, PA**

Neurosurgery Chair for Committee on Faculty Affairs

3/2017-12/2017

**Thomas Jefferson University Sidney Kimmel Medical
College, Philadelphia, PA**

Neurology Department Review Committee

7/2015-Present

Thomas Jefferson Neurosurgery Dept., Philadelphia, PA
Committee of Faculty Affairs

3/2015-Present

Thomas Jefferson Neurosurgery Dept., Philadelphia, PA
Employee Search Committee

3/2015-Present	Sidney Kimmel Medical College , Philadelphia, PA American Medical Women's Association (AMWA) Mentor Committee
1/2015-Present	Sidney Kimmel Medical College , Philadelphia, PA Curriculum Assessment Working Group
9/2014-Present	Jefferson Hospital for Neuroscience , NeuroAnesthesia Neurosurgery Liason
11/2012-Present	Jefferson Medical College , Philadelphia, PA Jefferson Education and Speaking Services (JETS) Instructor
11/2012-Present	Jefferson Hospital for Neuroscience , Philadelphia, PA Neuroscience Mortality Committee Member
11/2012-Present	Thomas Jefferson Neurosurgery Dept. , Philadelphia, PA Clinical Competency Committee Member
7/2012-Present	Jefferson Medical College , Philadelphia, PA Neurosurgery Critical Thinking Sessions Instructor
7/2012-Present	Thomas Jefferson University Hospital , Philadelphia, PA Jefferson University Physicians Credentialing Committee Member
4/2012-Present	Thomas Jefferson University Hospital , Philadelphia, PA Neuroscience Service Line Committee Member
4/2011-Present	Thomas Jefferson University Hospital , Philadelphia, PA Graduate Medical Education Committee Officer
2/2011-Present	Jefferson Medical College , Philadelphia, PA Admissions Committee Member
2011-Present	Jefferson Medical College , Philadelphia, PA Jefferson Alumni Executive Committee Member
2006-Present	Thomas Jefferson University Hospital , Philadelphia, PA Steering Committee Member

BOOK EDITOR

Arteriovenous Fistulas: Diagnosis and Management. InTech Publishing ISBN
978-953-51-1178-8. July 2013.

[http://www.intechopen.com/books/arteriovenous-fistulas-diagnosis-and-
management](http://www.intechopen.com/books/arteriovenous-fistulas-diagnosis-and-management)

JOURNAL EDITOR

10/2012-Present Jefferson Hospital for Neuroscience Journal Editor In Chief

JOURNAL REVIEWING COMMITTEES

4/2019-Present Biomed Research International
2/2019-Present Journal of Neurological Surgery: Central European Neurosurgery
5/2015-Present World Neurosurgery
10/2014-Present Clinical Neurology and Neurosurgery
9/2014-Present International Journal of Neurology Research
7/2013-Present Journal of Surgery
3/2013-Present Journal of Neurosurgical Science
12/2012-Present Journal of Pediatric Neuroradiology
9/2012-Present Postgraduate Medicine Journal
8/2012-Present Expert Review of Medical Devices Journal
6/2012-Present Neurosurgery Journal
4/2012-Present Journal of Neurointerventional Surgery Journal
5/2011-Present Surgical Neurology International Journal
11/2011-Present International Journal of Neuroscience

INVITED LECTURES

- 75) Evidence Based Multimodality AVM Treatment. Society of Vascular Interventional Neurologists SVIN, Live Webinar. November 18^h, 2020.
- 75) Flow Diversion for Cerebral Aneurysms: New Frontiers. 3rd Annual New Jersey Neurovascular Symposium, Live Webinar. November 16th, 2020.
- 74) Cerebrovascular Intra-Arterial Therapies: New Frontiers. Mayo Clinic, Arizona. Live Webinar, October 2, 2020.
- 73) JNIS Virtual Journal Club, Retrograde Pressure Cooker Technique for the Transvenous Embolization of Brain AVMs. Live Webinar, October 1, 2020.
- 72) CNS Vascular Review Oral Boards Course, Live Webinar, September 12, 2020.
- 71) Circle of Willis: Anatomy, Techniques and Career Planning In Neurosurgery. Mayo Clinic, Arizona. Live Webinar, September 10, 2020.
- 70) Neurovascular Jefferson Webinar: Fellowship Training in Cerebrovascular Neurosurgery. Live Webinar, August 13, 2020.
- 69) Unruptured Aneurysms: When to Treat/When to Watch. Live Webinar, August 8th, 2020.

68) Novel Endovascular Techniques for Cerebrovascular Disease. Jefferson Update In Neurosurgery. Live Webinar, June 26, 2020.

67) Aneurysm Treatment During the COVID-19 Pandemic. Brain Aneurysm Foundation, Webinar, June 23rd, 2020.

66) Carotid Cavernous Fistula Type D: Angiographic Diagnosis and endovascular management. Case-Based Discussion. Will's Eye Hospital Chiefs' Rounds, Philadelphia, PA. June 5th, 2020.

65) Controversies in Stroke Intervention: Case Based Panel Discussion. Society for Neurointerventional Surgery, Webinar, May 21st, 2020.

64) The Evolution of Flow Diversion Over the Years: Techniques, Pearls and Pitfalls. Congress of Neurological Surgeons, Virtual Visiting Professor, May 12th, 2020.

63) The Latest in Flow Diverters. Invited Symposium, NIT5. International Stroke Conference, Los Angeles, CA. February 19th, 2020.

62) Critical Literature Update In Cerebrovascular Disease. 2nd Annual New Jersey Neurovascular Symposium, Cherry Hill, NJ. November 1st, 2019.

61) Cerebrovascular Surgery, Case Based Discussion On Cerebral Aneurysms. Congress of Neurological Surgeons. San Francisco, CA. October 22nd, 2019.

60) Cerebrovascular Surgery, Future Training of the Cerebrovascular Surgeon. Expert Panel Discussion. Congress of Neurological Surgeons. San Francisco, CA. October 22nd, 2019.

59) Symposium 10: Acute Stroke Care: Guidelines Review and Future Directions. Prehospital Triage of Patients with Acute Ischemic Stroke. Congress of Neurological Surgeons. San Francisco, CA. October 20th, 2019.

58) Cerebral Aneurysm Flow Diversion: Where Are We Now?. Visiting Professor Grand Round Lecture Series. Washington University, Department of Neurological Surgery, St. Louis, MO, October 2nd, 2019.

57) From Cerebral Aneurysm Clipping to Intracranial Flow Diversion. 1st Annual Meeting *Greek American Neurosurgical Society, GANS*, Athens, Greece, August 6th, 2019.

56) Intracranial Flow Diversion. 16th Annual Meeting *Society of Neurointerventional Surgery*, Miami, FL, July 26th, 2019.

55) AVM/AVF Grade 3 AVM: Combined Treatment Endovascular Perspective. 16th Annual Meeting *Society of Neurointerventional Surgery*, Miami, FL, July 25th, 2019.

- 54) High Impact Literature Update: Open Cerebrovascular. *106th Annual Pennsylvania Neurosurgical Society Conference*, Hershey, PA. July 13th, 2019.
- 53) A Comparison of General Anesthesia Versus Conscious Sedation In Mechanical Thrombectomy Patients For Surgical and Functional Outcomes. *Society Of University Neurosurgeons*. Dubrovnik, Croatia, June 29th, 2019.
- 52) Transvenous AVM Embolization: Review of the Literature and Angiographic Results. American Association of Neurological Surgeons. San Diego, CA. April 16th, 2019.
- 51) Stroke: Diagnosis and Management Through The Years. *Department of Neurology, Grand Rounds Speaker*. Sidney Kimmel Medical College, Philadelphia, PA. April 5th, 2019.
- 50) 18th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Neuroendovascular Innovations. Philadelphia, PA, March 14th, 2019.
- 49) Acute Ischemic Stroke Management in the Community Hospitals Facilitated by Telehealth. Capitol Hill Congressional Telehealth Meeting, Washington, DC, February 26th, 2019.
- 48) Management of Dolichoectatic Fusiform Cerebral Aneurysms. Luncheon Seminar. CNS/AANS JOINT Cerebrovascular Section Annual Meeting, Honolulu, HI, February 5th, 2019.
- 47) Stroke System Care: Medical Co-Management between Neurointensivists and Neurosurgeons. CNS/AANS JOINT Cerebrovascular Section Annual Meeting, Honolulu, HI, February 5th, 2019.
- 46) 17th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Neuroendovascular Innovations. Philadelphia, PA, March 15th, 2018.
- 45) Neuro Interventional Master Course Frontiers in Neurointerventional Radiology, VIII Annual Conference. Stenting of Extracranial Carotid Disease In Acute Ischemia. Madrid, Spain. January 11th, 2018.
- 44) 30th Annual PanPhiladelphia Neurosurgery Conference. Neurovascular Surgery Case Based Discussion Panelist. Philadelphia, PA, December 7, 2018.
- 44) The Birth of A New Era in Acute Ischemic Stroke. 1st Annual New Jersey Neurovascular Symposium @ Jefferson Health. Berlin, NJ, November 1st, 2018.
- 43) Evidence Based Approach in Carotid Artery Stenting for Extracranial Disease. International Neurosurgery Symposium & World Association of Lebanese Neurosurgeons. Adelaide, Australia, October 27th, 2018.

- 42) The Neurosurgeon as a Stroke Specialist. International Neurosurgery Symposium & World Association of Lebanese Neurosurgeons. Adelaide, Australia, October 27th, 2018.
- 41) Is Stroke a Surgical Disease? Philadelphia Neurological Society. Philadelphia, PA. April 11th, 2018.
- 40) 16th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Neuroendovascular Innovations. Philadelphia, PA, March 15th, 2017.
- 39) Case-based Discussion Session-Aneurysms. Congress of Neurological Surgeons. Boston, MA. October 9th, 2017.
- 38) Vascular Preparation for Oral Boards, Congress of Neurological Surgeons, Boston, MA. October 7th, 2017.
- 37) Vickie and Jack Farber Advisory Board Meeting, Philadelphia, PA. The Cerebrovascular patient. September 27th, 2017.
- 36) Carotid Artery Stenting for Extracranial Atherosclerotic Disease. Symposium 01: Neurovascular Update: Evidence-based Guidelines in Ischemic and Hemorrhagic Stroke for the Practicing Neurosurgeon. Congress of Neurological Surgeons. September 24th, 2017.
- 35) Endovascular Management of Acute Ischemic Stroke. 16th European Congress of Neurosurgery. Athens, Greece, September 5th, 2016.
- 34) Cerebrovascular Complications Conference. Aneurysmal Cerebrovascular Complications: Dissecting ACOM Pseudoaneurysm Following Microsurgical Clipping of Ruptured Cerebral Aneurysm. Jackson Hole, WY, June 20th, 2015.
- 33) Jefferson Neuroscience Network Spring Summit 2015. *Wills Eye Institute*. Stroke in the Era of MR CLEAN. Philadelphia, PA, May 21st, 2015.
- 32) Philadelphia Neurological Society. MR. CLEAN: The New Era of Stroke Intervention. Philadelphia, PA, April 15th, 2015.
- 31) 14th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. MR CLEAN: Endovascular Management of Stroke. Philadelphia, PA, March 19th, 2015.
- 30) 26th Annual PanPhiladelphia Neurosurgery Conference. Carotid Endarterectomy vs. Stenting for Carotid Stenosis. Philadelphia, PA, December 5, 2014.
- 29) NeuroNext National Attendings Regional Technology Training: Building a Comprehensive Stroke Center, Atlanta, GA. October 29th, 2014.

28) NeuroNext National Attendings Regional Technology Training: Acute Ischemic Stroke: Imaging-Based Patient Selection, Atlanta, GA. October 29th, 2014.

27) NeuroNext National Attendings Regional Technology Training: Endovascular Management of Cerebral Aneurysms: Patient Selection and Techniques, Atlanta, GA. October 28th, 2014.

26) 13th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. When Time Is Brain, Philadelphia PA, March 21st, 2014.

25) ENGAGE Regional Technology Training of Attending Endovascular Physicians. Acute Ischemic Stroke Imaging Based Patient Selection. Stryker Neurovascular. Atlanta, GA, February 2014.

24) ENGAGE Regional Technology Training of Attending Endovascular Physicians. Treatment of Cerebral Aneurysms: Case Selection. Stryker Neurovascular. Atlanta, GA, February 2014.

23) 25th Annual PanPhiladelphia Neurosurgery Conference. Endovascular Procedures for Stroke. Vascular Panelist, Philadelphia, PA, December 6, 2013.

22) Endovascular Management of Asymptomatic Carotid Artery Stenosis. Critical Issues In Vascular Surgery: A Multidisciplinary Approach. *Jefferson Medical College*. Philadelphia, PA. November 22nd 2013.

21) 3rd Annual South Jersey Stroke Summit. *AtlantiCare Neuroscience Institute*. Diagnosis and Management of Cerebral Aneurysms and Subarachnoid Hemorrhage. Atlantic City, NJ, November 21st, 2013.

20) Cerebrovascular Challenges and Case Discussion. Philadelphia Neurological Society. Philadelphia, PA. November 20th 2013.

19) NeuroNext National Fellows Regional Technology Training: Acute Ischemic Stroke: Imaging-Based Patient Selection, Las Vegas, CA. April 16th 2013.

18) NeuroNext National Fellows Regional Technology Training: Endovascular Management of Cerebral Aneurysms: Patient Selection and Techniques, Las Vegas, CA. April 15th 2013.

17) 13th Annual Stroke Symposium: Endovascular Management Of Acute Ischemic Stroke. Nazareth Hospital, Philadelphia, PA, April 4th, 2013.

16) 12th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Treatment of Brain Aneurysms, Philadelphia PA, March 7th, 2013.

- 15) 24th Annual PanPhiladelphia Neurosurgery Conference. Management of Acute Cerebrovascular Disease. Vascular Panelist, Philadelphia, PA, December 7, 2012.
- 14) Diagnosis and Management of Cerebral Aneurysms and Subarachnoid Hemorrhage. Atlantic City, NJ, November 15th, 2012.
- 13) Endovascular Management of Subarachnoid Hemorrhage: Patient Selection and Techniques. M16: Multidisciplinary Management of Subarachnoid Hemorrhage and Vasospasm. Congress of Neurological Surgeons. Chicago IL, October 8th, 2012.
- 12) 21st Annual NeuroNext National Fellows Symposium. Stryker Neurovascular. Coil Case Experience. San Jose, CA, September 26th, 2012.
- 11) 21st Annual NeuroNext National Fellows Symposium. Stryker Neurovascular. Stroke Center Outreach Program. San Jose, CA, September 26th, 2012.
- 10) Neurovascon 2012 & Skull Base 2012: Combined Annual Meeting of the 12th Annual Indian Society for Cerebrovascular Surgery and Cerebrovascular Section of the CNS & AANS: Treatment of Complex Cerebral Aneurysms With The Pipeline Embolization Device. Mumbai, India, September 23rd, 2012.
- 9) 7th Central European Neurosurgical Society Meeting: Flow Diversion For The Management Of Complex Cerebral Aneurysms. Prague, Czech Republic, June 14, 2012.
- 8) 4th Annual St. Mary Medical Center: Take Action Cut Stroke. Endovascular Management Of Acute Ischemic Stroke. Sheraton Bucks County Hotel, Langhorne, PA, May 19th, 2012.
- 7) 11th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Management of Cerebral Aneurysms, Philadelphia PA, March 19-20, 2012.
- 6) 23rd Annual PanPhiladelphia Neurosurgery Conference. Management of Acute Cerebrovascular Disease. Vascular Panelist, Philadelphia, PA, December 2, 2011.
- 5) 50 & Forward Symposium: Celebrating Women at Jefferson Medical College. JMC Alumnae: Where Are We Now? Philadelphia, PA, October 28, 2011.
- 4) Jefferson Neuroscience Network Lunch and Learn Conference 2011. *Jefferson Hospital for Neuroscience*. Diagnosis, Medical and Surgical Management of Acute Ischemic Stroke, Philadelphia, PA, October 13, 2011.
- 3) 1st Annual South Jersey Stroke Summit. *AtlantiCare Neuroscience Institute*. Treatment of Subarachnoid Hemorrhage. Atlantic City, NJ, September 15, 2011.

2) 20th Annual NeuroNext National Fellows Symposium. Stryker Neurovascular. Endovascular Treatment of Ruptured and Unruptured Aneurysms. San Jose, CA, October 18, 2011.

1) 10th Annual Cerebrovascular Update. *Jefferson Hospital for Neuroscience and the American Heart Association*. Treatment of Ruptured Cerebral Aneurysms, Philadelphia PA, March 17-18, 2011.

NEUROSURGICAL COURSE DIRECTOR

16) 32nd Annual Panphiladelphia Neurosurgery Conference: Live Webinar December 2020.

15) Transvenous AVM Embolization. Breakfast Seminar. American Association of Neurological Surgeons Annual Meeting, Webinar. April 2020.

14) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. San Francisco, CA. October 19-20^h, 2019.

13) Management of Dolichoectatic Fusiform Cerebral Aneurysms. Lucheon Seminar. CNS/AANS JOINT Cerebrovascular Section Annual Meeting, Honolulu, HI, February 5th, 2019.

12) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. Houston, TX. October 6-7th, 2018.

11) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. Houston, TX. February 10-11th, 2018.

10) 32nd Annual Panphiladelphia Neurosurgery Conference: December 2017.

9) CNS Practical Course 10: Complications in Cerebrovascular Neurosurgery, Boston, MA. October 7th, 2017.

8) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. Boston, MA. October 7th -11th 2017.

7) SNIS Endovascular Complications. Society for Neurointerventional Surgery, Colorado Springs, CO. July 28th, 2017.

6) CNS Resident SANS Challenge. Congress of Neurological Surgeons. San Diego, CA. September 24-28th 2016.

5) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. San Diego, CA. September 24-28th 2016.

4) CNS Resident SANS Challenge. Congress of Neurological Surgeons. New Orleans, LA. September 26-30th, 2015.

3) CNS Resident SANS Challenge. Congress of Neurological Surgeons. Boston, MA. October 18th -22nd 2014.

2) So You Want To Be A Neurosurgeon? Practical Didactic Resident/Medical Student Course. Congress of Neurological Surgeons. San Francisco, CA. October 19th 2013.

1) CNS Resident SANS Challenge. Congress of Neurological Surgeons. San Francisco, CA. October 19th 2013.

NEUROSURGICAL COURSE INSTRUCTOR

16) CNS Vascular Oral Boards Course Break Out Sessions. Congress of Neurological Surgeons. Live Webinar. September 12-13th, 2020.

15) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. San Francisco, CA. October 19-20^h, 2019.

14) Mock Oral Boards for Neurosurgery Residents. Jefferson Hospital for Neuroscience, Philadelphia, PA. December 10th, 2018.

13) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. Houston, TX. October 6-7th, 2018.

12) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. Boston, MA. October 7-11th, 2017.

11) CNS Vascular Oral Boards Course. Congress of Neurological Surgeons. San Diego, CA. September 24-28th, 2016.

10) ENGAGE Regional Technology Training of Attending Endovascular Physicians. Stryker Neurovascular. Atlanta, GA, October 2014.

9) Society of Neurological Surgeons Boot Camp: Fundamental Skills Course. Philadelphia, PA. July 25-25th 2014.

8) ENGAGE Regional Technology Training of Attending Endovascular Physicians. Stryker Neurovascular. Atlanta, GA, February 2014.

7) Mock Oral Boards for Neurosurgery Residents. Jefferson Hospital for Neuroscience, Philadelphia, PA. May 2013.

6) NeuroNext National Fellows Regional Technology Training: Acute Ischemic Stroke and Cerebral Aneurysm Animal Simulation Lab Las Vegas, CA. April 15-16th 2013.

5) 21ST Annual NeuroNext National Fellows Symposium: Neurovascular Intervention. Stryker Neurovascular, San Jose, CA. September 23-26th 2012.

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4) 20TH Annual NeuroNext National Fellows Symposium: Neurovascular Intervention. Stryker Neurovascular, San Jose, CA. October 17-18th 2011.

3) Neurological Specialty Clinical Skills Session: Jefferson Medical College, Philadelphia, PA. Monthly Sessions Since October 2011.

2) Mock Oral Boards for Neurosurgery Residents. Jefferson Hospital for Neuroscience, Philadelphia, PA. September 2011.

1) Neurosurgery Basics for the Medical Student: Jefferson Medical College, Philadelphia, PA. Weekly Sessions Since January 2011.

NEUROSURGICAL ACADEMIC SESSION MODERATOR

19) Future of Cerebrovascular Microsurgery: PanPhiladelphia Neurosurgical Society 32nd Annual Meeting. Live Webinar, December 4th, 2020.

18) Endovascular Abstract Presentations: Society for Neurointerventional Surgery and Cerebrovascular Section 17th Annual Meeting. Live Webinar, August 5th, 2020.

17) Cerebrovascular Guidelines: Aneurysms, Arteriovenous Malformations, and Acute Ischemic Stroke, Congress of Neurological Surgeons, Annual Meeting, San Francisco, CA. October 23rd, 2019.

16) Brain Tumor Session: 1st Meeting of Greek American Neurosurgical Society, GANS, Athens, Greece, August 4th, 2019.

15) Transvenous AVM Embolization: Breakfast Seminar 200. American Association of Neurological Surgeons. San Diego, CA. April 16th, 2019.

14) Current State of Bypass. World Federation of Neurological Surgeons Annual Meeting, Honolulu, HI, February 4th, 2019.

13) Case Based Discussion Session: Treatment of Cerebral Aneurysms. Congress of Neurological Surgeons, Houston TX, October 8th, 2018.

12) Point/Counterpoint Session: Asymptomatic Carotid Disease. Cerebrovascular Section, American Association of Neurological Surgeons, New Orleans, LA, May 1st, 2018.

11) Abstract Presentations. Cerebrovascular Section, American Association of Neurological Surgeons, New Orleans, LA, May 1st, 2018.

10) Live Case Presentation and Discussion V Kobe University Hospital, Japan, World Live Neurovascular Conference, Kobe, Japan, April 26th, 2018.

9) Abstract Presentations. Cerebrovascular Section Meeting, CNS/AANS/SNIS, Los Angeles, CA. January 23rd, 2018.

8) Arterial Injuries During Skull-Base Surgery: What to Expect when you are Called to the OR and Emergent Long-Term Management Strategies, CNS/AANS/SNIS, Los Angeles, CA. January 23rd, 2018.

7) Case-based Discussion Session-Aneurysms. Congress of Neurological Surgeons, Boston, MA, October 9th, 2017.

6) Practical Course 10: Complications in Cerebrovascular Neurosurgery. Congress of Neurological Surgeons, Boston, MA, October 7th, 2017.

5) SNIS Endovascular Complications. Society for Neurointerventional Surgery, Colorado Springs, CO. July 28th, 2017.

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39) Chalouhi N, Dressler J, Kunkel E, Dalyai R, Jabbour P, Gonzalez LF, Dumont AS, Rosenwasser R, **Tjoumakaris S.I.** Intravenous Tissue Plasminogen Activator Administration Rates in Community Hospitals Facilitated by Robotic Telestroke Service. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

38) Chalouhi N, Ghobrial G, **Tjoumakaris S.I.**, Dumont AS, Gonzalez LF, Witte S, Davanzo J, Starke RM, Randazzo C, Flanders A, Hasan d, Chitale R, Rosenwasser R, Jabbour P. CT Perfusion-Guided Patient Selection for Acute Stroke Intervention Reduces In-Hospital Mortality. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

37) Chalouhi N, Ross D, Starke R, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, and Tjoumakaris S. In-Stent Stenosis Following Stent-Assisted Coiling: Incidence, Predictors and Clinical Outcomes of 435 Cases. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

36) Chalouhi N, Starke RM, Ali S, **Tjoumakaris S.I.**, Jabbour P Gonzalez LF, Hasan D, Rosenwasser R, Dumont AS. Endovascular Deconstruction of Carotid and Vertebral Arteries with a Combination of Onyx and Coils. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

35) Chalouhi N, Witte S, Soni P, Penn D, Starke RM, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, **Tjoumakaris S.I.** Diagnostic Yield of Cerebral

Angiography in Patients with CT-negative, Lumbar Puncture-Positive Subarachnoid Hemorrhage. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

34) Chalouhi N, Jabbour P, Starke RM, **Tjoumakaris S.I.**, Dumont AS, Rosenwasser R, Liu H, Gonzalez LF. Treatment of Large and Giant Intracranial Aneurysms: Cost Comparison of Flow Diversion and Traditional Embolization Strategies. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

33) Chalouhi N, Starke RM, Jabbour P, **Tjoumakaris S.I.**, Dumont AS, Rosenwasser R, Gonzalez LF. Stent-Assisted Coiling versus Balloon Remodeling of Wide-Necked Aneurysms: Comparison of Angiographic Outcomes. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

32) Theofanis T, Chalouhi N, Starke RM, Dalyai R, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, **Tjoumakaris S.I.** Microsurgery for Resection of Cerebral Arteriovenous Malformations: An Institutional Experience. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

31) Theofanis T, Dalyai R, Chalouhi N, Starke RM, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, **Tjoumakaris S.I.** Treatment of Cerebral Arteriovenous Malformations: Predictors of Obliteration, Complications, and Post-Treatment Hemorrhage in 774 patients. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

31) Chalouhi N, Penn D, **Tjoumakaris S.I.**, Jabbour P, Gonzalez LF, Starke R, Rosenwasser R, Muhammad A, Dumont A. Treatment of Small Ruptured Intracranial Aneurysms: Comparison of Surgical and Endovascular Options. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

30) Chalouhi N, Theofanis T, Jabbour P, Dumont A, Gonzalez LF, Rosenwasser R, Starke R, **Tjoumakaris S.I.** Endovascular Treatment of Posterior Communicating Artery Aneurysms with Third Nerve Palsy: Clinical Outcomes and Predictors of Nerve Recovery. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

29) Zussman B, Olszewski A, Sell N, Galvao J, Colacino E, Maltenform M, **Tjoumakaris S.I.**, Dumont A, Rosenwasser R, Jabbour P, Gonzalez LF. Prognostic Factors for Acute Ischemic Stroke Patients with and without Neurosurgical Endovascular Intervention. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

28) Ghobrial G, Dalyai R, Gardecki M, **Tjoumakaris S.I.**, Jabbour P, Dumont A, Rosenwasser R, Gonzalez F. Correlation Between Computed Tomography

Perfusion and MRI In the Setting of Acute Stroke. *American Association of Neurological Surgeons*, Miami, FL. April 2012

27) Gonzalez LF, Chalouhi N, Jabbour P, Tjoumakaris S.I., Dumont A, Rosenwasser R. Indications, Safety and Efficacy of Balloon-Assisted Coil Embolization of Intracranial Aneurysms. *American Association of Neurological Surgeons*, Miami, FL. April 2012.

26) Chalouhi N, **Tjoumakaris S.I.**, L. Dumont A, Gonzalez F, Rosenwasser R, Jabbour P. Superior hypophyseal artery aneurysms have the lowest recurrence rate with endovascular treatment. *American Association of Neurological Surgeons*, Miami, FL. April 2012.

25) Ali M, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Tumor Necrosis Factor- α Produces a Pro-inflammatory/ Matrix Remodeling Phenotype In Cerebral Vascular Smooth Muscle Cells – Role Of Oxidative Stress In Cerebral Aneurysm Formation. *American Association of Neurological Surgeons*, Miami, FL. April 2012.

24) Ali M, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Superoxide Dismutase Inhibits Phenotypic Modulation and Inflammatory Up-regulation By Cigarette Smoke Extract In Cerebral Vascular Smooth Muscle Cells – Implications for Cerebral Aneurysms. *American Association of Neurological Surgeons*, Miami, FL. April 2012.

23) Ali M, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Epigenetic Mechanisms Regulate TNF- α -Induced Phenotypic Modulation in Cerebral Vascular Smooth Muscle Cells: Implications for Cerebral Aneurysm Biology. Arteriosclerosis, Thrombosis and Vascular Biology. *Congress of Neurological Surgeons*. Chicago, IL. April 2012.

22) Ali M, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Regulation of Nox1 and Nox2 by Cigarette Smoke in Cerebral Vascular Smooth Muscle Cells: A Role of Oxidative Stress in Cerebral Aneurysm Formation. Arteriosclerosis, Thrombosis and Vascular Biology. *Congress of Neurological Surgeons*. Chicago, IL. April 2012.

21) Ali M, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Cigarette Smoke Produces Phenotypic Modulation of Cerebral Vascular Smooth Muscle Cells: Role of KLF4 and Epigenetic Control. Arteriosclerosis, Thrombosis and Vascular Biology. *Congress of Neurological Surgeons*. Chicago, IL. April 2012.

20) Chitale R, Gonzalez F, Randazzo C, Dumont A, **Tjoumakaris S.I.**, Rosenwasser R, Jabbour P. Largest Pipeline Case Series After PUFFS: Feasibility, Technique and Complications. *International Stroke Conference*. New Orleans, LA. February 2012.

19) Ooi Y, Kenning E, Chitale R, Campbell P, Jabbour P, Gonzalez F, Dumont A,

Rosenwasser R, **Tjoumakaris S.I.** Long Term Angiographic Follow-Up of Cerebral Aneurysms treated By Endovascular Coiling Compared To Microsurgical Clipping. *14th European Congress of Neurosurgery*. Rome, Italy. October 2011.

18) Ooi Y, Chitale R, Kenning E, Campbell P, Jabbour P, Gonzalez F, Dumont A, Rosenwasser R, **Tjoumakaris S.I.** Angiographic Long Term Efficacy of Aneurysm Clipping. *14th European Congress of Neurosurgery*. Rome, Italy. October 2011.

17) Jabbour P, **Tjoumakaris S.I.**, Gonzalez L, Dumont A, Rosenwasser R. The Effect of telemedicine on stroke outcome in the Delaware Valley. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

16) Dayoub H, **Tjoumakaris S.I.**, Dumont A, Gonzalez F, Rosenwasser R, Jabbour P. Is Packing Density Important In Stent-Assisted Coiling? *Congress of Neurological Surgeons*. Washington, DC. October 2011.

15) Gonzalez F, **Tjoumakaris S.I.**, Dumont A, Rosenwasser R, Jabbour P. The Incidence, Risk Factors, and Causes of Cervical Artery Dissection Associated with Sub-Arachnoid Hemorrhage in the United States. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

14) Teufack S, Gonzalez L, Jabbour P, **Tjoumakaris S.I.**, Gordon D, Dumont A, Rosenwasser R. Temporary Endovascular Bypass: Rescue Technique During Mechanical Thrombolysis. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

13) Zussman B, **Tjoumakaris S.I.**, Gonzalez L, Dumont A, Rosenwasser R, Maltenfort M, Birch, Jabbour P. Direct Comparison of Reperfusion Therapies for Acute Ischemic Stroke. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

12) Dalyai R, Jabbour P, Singhal S, Gonzalez F, Dumont A, Rosenwasser R, **Tjoumakaris S.I.** Endovascular Treatment of Proximal Internal Carotid Artery Occlusion and Tandem Middle Cerebral Artery Occlusion In Acute Ischemic Stroke. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

11) Ghobrial G, Rivers L, Jabbour P, Gonzalez F, Dumont A, Rosenwasser R, **Tjoumakaris S.I.** Endovascular Management of Acute Ischemic Stroke In Patients Over 75 Years Old. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

10) Jabbour P, **Tjoumakaris S.I.**, Gonzalez L, Dumont A, Rosenwasser R. W. W. Keen: The American Pioneer Of Neurological Surgery. *American Association of Neurological Surgeons*, Denver, Colorado. April 2011.

9) Zussman B, Gonzalez L, Dumont A, **Tjoumakaris S. I.**, Rosenwasser R, Jabbour P. Sources of variability and error in CT perfusion. *American Association of Neurological Surgeons*, Denver, Colorado. April 2011.

- 8) Zussman B, Gonzalez L, Dumont A, **Tjoumakaris S. I.**, Rosenwasser R, Hasan D, Cognetti D, Axelrod R, MD, Jabbour P. Endovascular Management of Acute Carotid Blowout in Head and Neck Cancer Patients: Institutional Experience and Literature Review. *American Association of Neurological Surgeons*, Denver, Colorado. April 2011.
- 7) Ooi Y, Kenning E, Jabbour P, Gonzalez L, Dumont A, Rosenwasser R, and **Tjoumakaris S.I.** Long Term Angiographic Follow-Up Of Cerebral Aneurysms Treated By Endovascular Coiling. *Cerebrovascular Section AANS/CNS*. Los Angeles, CA. February 2011.
- 6) Krieger D, Jabbour PM, Gonzalez FL, Dumont AS, Rosenwasswer RH, and **Tjoumakaris S.I.** Angiographic Closure Devices: A Retrospective Review of Angioseal Versus Mynx. *Cerebrovascular Section AANS/CNS*. Los Angeles, CA. February 2011.
- 5) Nair, A, Ghobrial G, Marchan E, Dumont A, Gonzalez L, **Tjoumakaris S.I.**, Rosenwasser R, Jabbour P. Safety And Efficacy Of Endovascular Treatment Of Dural Arteriovenous Fistulas. *Cerebrovascular Section AANS/CNS*. Los Angeles, CA. February 2011.
- 4) **Tjoumakaris S.I.** Veznedaroglu E, Liebman K, Rosenwasser RH. Long Term Angiographic Results Following Surgical Clipping In the Treatment of Cerebral Aneurysms. *Congress of Neurological Surgeons*. San Diego, CA. September 2007.
- 3) **Tjoumakaris S.I.**, Benitez R, Veznedaroglu E, Rosenwasser RH. A Comparative Angiographic Analysis Between Matrix and Guglielmi Platinum Detachable Coils Immediately Post-Coiling and In Six Month Follow-Up. *International Stroke Conference*. San Francisco, CA. February 2007.
- 2) **Tjoumakaris, S.I.** Deep Brain Stimulation in the Central Nervous System. *Congress of Neurological Surgeons*. Public Webpage. 2006.
- 1) **Tjoumakaris S.I.**, Peoples J, Saunders A, Van Bockstaele EJ. Innervation Pathways Of Opioid Neurons In the Amygdala and Locus Coeruleus Of The Rat Brain. Poster 719.12. *30th Annual Society for Neuroscience meeting*. New Orleans, LA. December 2000.

PEER REVIEWED ORAL PRESENTATIONS

- 38) **Tjoumakaris S.I.** It's All In the Power: Quality Improvement Project In Cerebrovascular Neurosurgery. Sidney Kimmel Medical College, Department of Neurological Surgery, June 21st, 2018.

- 37) **Tjoumakaris S.I.** Superior Ophthalmic Cut-Down for Transvenous Transocular Embolization of a Carotid-SOV Fistula, World Live Neurovascular Conference, Kobe, Japan, April 2018.
- 36) **Tjoumakaris S.I.** Pulse Rider-Assisted Coiling of Basilar Tip Artery Aneurysm, World Live Neurovascular Conference, Kobe, Japan, April 2018.
- 35) **Tjoumakaris S.I.** Flow Diversion of a Near Giant Dysplastic Distal PICA Aneurysm with the Pipeline Embolization Device, World Live Neurovascular Conference, Kobe, Japan, April 2018.
- 34) Chalouhi N, Zanaty M, Whiting A, Yang S, **Tjoumakaris S.I.**, Hasan D, Starke R, Hann S, Hammer C, Kung D, Rosenwasser R, Jabbour P. Safety and Efficacy off the Pipeline Embolization Device in 100 Small Intracranial Aneurysms. *Congress of Neurological Surgeons, Boston, MA, October 2014.*
- 33) Chalouhi N, **Tjoumakaris S.I.**, Gonzalez LF, Randazzo C, Starke RM, Hasan D, Singhal S, Dumont AS, Rosenwasser R, Jabbour P. Comparison of Flow Diversion and Coiling in Large Unruptured Intracranial Saccular Aneurysms. *International Stroke Conference, San Diego, CA, February 2014.*
- 32) Chalouhi N, Pema P, **Tjoumakaris S.I.**, Gonzalez LF, Dumont AS, Gould G, Rosenwasser R, Jabbour P. The Phenomenon of Delayed Pipeline Embolization Device Migration: Technical Considerations, Complication Avoidance, and Management. *International Stroke Conference, San Diego, CA, February 2014.*
- 31) Chalouhi N, Starke RM, Yang S, Bovenzi CD, **Tjoumakaris S.I.**, Hasan D, Gonzalez LF, Rosenwasser R, Jabbour P. Extending the Indications of Flow Diversion to Small, Unruptured, Saccular Aneurysms of the Anterior Circulation. *SNIS-AANS/CNS Cerebrovascular Section, San Diego, CA, February 2014.*
- 30) **Tjoumakaris S.I.**, Chalouhi N, Phillips J, Starke RM, Hasan D, Wu C, Zanaty M, Kung D, Gonzalez LF, Rosenwasser R, and Jabbour P. A Single Pipeline Embolization Device is Sufficient for Treatment of Intracranial Aneurysms. *SNIS-AANS/CNS Cerebrovascular Section, San Diego, CA, February 2014.*
- 29) Starke R, Chalouhi N, Ali M, Jabbour P, **Tjoumakaris S.I.**, Gonzalez LF, Rosenwasser R, Owens G, Greig N, Dumont A. Critical Role of TNF- α in Cerebral Aneurysm Formation and Rupture. *Congress of Neurological Surgeons, San Francisco, CA. October 2013.*
- 28) Chalouhi N, Bovenzi C, Thakkar V, Dressler J, Jabbour P, Gonzalez LF, Starke R, Dumont A, Rosenwasser R, **Tjoumakaris S.I.** Long-Term Follow-Up Angiography is Indicated after Coiling of Intracranial Aneurysms. *Congress of Neurological Surgeons, San Francisco, CA. October 2013.*
- 27) Chalouhi N, Jabbour P, Ho S, **Tjoumakaris S.I.**, Starke RM, Rosenwasser

R, Gonzalez LF. Perioperative complications with the Pipeline Embolization Device: Predictive value of the P2Y12 Test. *Society of Neurointerventional Surgery*. Miami, FL. July-August 2013.

26) Chalouhi N, Dalyai R, McMahon J, Moukarzel L, Starke RM, Jabbour P, Dumont AS, **Tjoumakaris S.I.**, Gingold EL, Rosenwasser R, Gonzalez LF. Flow diversion versus traditional aneurysm embolization strategies: analysis of fluoroscopy and procedure times. *Society of Neurointerventional Surgery*. Miami, FL. July-August 2013.

25) Chalouhi N, Osterholm J, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, **Tjoumakaris S. I.** Neurosurgery At Thomas Jefferson University Hospital: A Journey through the Centuries. *American Association of Neurological Surgeons*. New Orleans, LA. April 2013.

24) Muhammad S Ali, Robert M Starke, Pascal M Jabbour, **Tjoumakaris S.I.**, L. Fernando Gonzalez, Robert H Rosenwasser, Walter J Koch, and Aaron S Dumont. Transcriptional and Epigenetic Regulation of MCP1 by Tumor Necrosis Factor- α and Cigarette Smoke: Key Mediators in Aneurysm Formation. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

23) Chalouhi N, Jabbour P, Singhal S, Dalyai R, Drueding R, Starke RM, Dalyai R, **Tjoumakaris S.I.**, Gonzalez LF, Dumont AS, Rosenwasser R, Randazzo C. Stent-Assisted Coiling of Intracranial Aneurysms: Predictors of Complications, Recanalization, and Outcome in 509 Cases. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

22) Chalouhi N, Chitale R, Starke RM, Jabbour P, **Tjoumakaris S.I.**, Dumont AS, Chitale R, Rosenwasser R, Gonzalez LF. Treatment of Recurrent aneurysms with the Pipeline Embolization Device. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

21) Dalyai R, Theofanis T, Chalouhi N, Starke RM, Jabbour P, Dumont AS, Gonzalez LF, Rosenwasser R, **Tjoumakaris S.I.** Smoking is a negative predictor of Arteriovenous Malformations treatment obliteration: Analysis of vascular risk factors in 835 patients. *3rd SNIS International Endovascular Stroke Conference (IESC)/Joint Cerebrovascular Section Annual Meeting*. Honolulu, HI. February 2013.

20) Chalouhi N, Theofanis T, Jabbour P, Dumont A, Gonzalez LF, Starke R, Rosenwasser R, **Tjoumakaris S.I.** Safety and Efficacy of Intraoperative Angiography in Craniotomies for Cerebral Aneurysms and Arteriovenous Malformations: A Review of 1089 Cases. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

19) Chalouhi N, **Tjoumakaris S.I.**, Gonzalez LF, Dumont A, Chitale R, Rosenwasser R, Biancotto C, Shields C, Jabbour P. Intra-arterial Chemotherapy for Retinoblastoma: Pearls and Pitfalls. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

18) Chalouhi N, Dumont A, **Tjoumakaris S.I.**, Gonzalez LF, Starke R, Dalyai R, Moursi S.E, Rosenwasser R, Hasan D, Jabbour P. Threshold for Packing Density in Stent-Assisted Coiling of Intracranial Aneurysms. *Congress of Neurological Surgeons*, Chicago, IL. October 2012.

17) **Tjoumakaris S.I.**, Dalyai R, Jabbour P, Dumont A, Gonzalez L, Rosenwasser R. Multimodality Treatment of 835 Patients with Arteriovenous Malformations: Factors Related to Complete Occlusion and Complications. *American Association of Neurological Surgeons*, Denver, Colorado. April 2012.

16) Chitale R, **Tjoumakaris S.I.**, Dumont A, Gonzalez L, Rosenwasser R, Jabbour P Wingspan Stent Largest Series Outside SAMMPRIS: Long-term Results. *International Stroke Conference*. New Orleans, LA. February 2012.

15) Chitale R, **Tjoumakaris S.I.**, Dumont A, Gonzalez L, Rosenwasser R, Jabbour P Largest United States Pipeline Case Series After PUFs: Feasibility, Technique, and Complications. *International Stroke Conference*. New Orleans, LA. February 2012.

14) Ali M, Yu Z, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Tumor Necrosis Factor- α Induces Phenotypic Modulation in Cerebral Vascular Smooth Muscle Cells via KLF4: Implications for Cerebral Aneurysm Pathology. *International Stroke Conference*. New Orleans, LA. February 2012.

13) Ali M, Yu Z, Jabbour P, **Tjoumakaris S.I.**, L. Gonzalez F, Rosenwasser R, Koch W, Dumont A. Cigarette Smoke Directly Produces a Pro-inflammatory/matrix remodeling Phenotype in Cerebral Vascular Smooth Muscle Cells via KLF4: A Potential Mechanism for Cerebral Aneurysm Pathogenesis. *International Stroke Conference*. New Orleans, LA. February 2012.

12) **Tjoumakaris S.I.**, Dalyai R, Jabbour P, Dumont A, Gonzalez L, Rosenwasser R. Safety and Efficacy of Endovascular Treatment of Basilar Tip Aneurysms By Coiling With and Without Stent-Assistance: A Review of 235 Cases. *Cerebrovascular Section AANS/CNS*. New Orleans. January 2012.

11) **Tjoumakaris S.I.**, Dalyai R, Theofanis T, Jabbour P, Dumont A, Gonzalez L, Rosenwasser R. Endovascular Embolization of Large Arteriovenous Malformations with Adjuvant Stereotactic Radiosurgery. *Cerebrovascular Section AANS/CNS*. New Orleans. January 2012.

10) Styliaras J, Hasan D, **Tjoumakaris S.I.**, Gonzalez L, Dumont A, Rosenwasser R, Jabbour P. Stent Assisted Coiling of Anterior Communicating

Artery Aneurysms: A Single Center Experience In 19 Patients. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

9) **Tjoumakaris S.I.**, Dalyai R, Vakharia K, Theofanis T, Dumont A, Jabbour P, Gonzalez F, Rosenwasser R. Follow-Up Angiography In Subarachnoid Hemorrhage With Negative Initial Angiography. *Congress of Neurological Surgeons*. Washington, DC. October 2011.

8) **Tjoumakaris S.I.**, Campbell P, Ooi Y, Jabbour P, Gonzalez F, Rosenwasser R, and Long-Term Efficacy of Surgical Clipping for Cerebral Aneurysms. *Pennsylvania Neurosurgical Society Annual Scientific Meeting*. Hershey Pennsylvania. July 2010.

7) **Tjoumakaris, S.I.**, Rosenwasser R. Administration of Bone Marrow Stem Cells Acutely After Stroke Produces Long Term Sensorimotor Recovery and Changes in Brain Inflammatory and Vascular Elements. *The 20th Annual Pan-Philadelphia Neurosurgery Conference*. Philadelphia, PA. December 2008.

6) **Tjoumakaris, S.I.**, Evans J. Endoscopic surgery for pituitary adenomas: Outcome and analysis of over 125 consecutive cases from a prospective database. *19th Annual meeting of the North American Skull Base Society and 5th International Congress of the World Federation of Skull Base Society*. Vancouver, B.C. September 2008.

5) **Tjoumakaris, S.I.**, Rosen M, Evans J. Cholesterol Granulomas: Unusual Intracranial Presentation as a Sellar and Suprasellar Mass. *19th Annual meeting of the North American Skull Base Society and 5th International Congress of the World Federation of Skull Base Society*. Vancouver, B.C. September 2008.

4) **Tjoumakaris, S.I.**, Harrop J. Spinal Cord Injury Classification. *Video Conference, Philadelphia International Medicine*. Brasília, Brazil. May 2007.

3) **Tjoumakaris S.I.** Angiographic analysis between platinum and bioactive detachable coils. *The 18th Annual Pan-Philadelphia Neurosurgery Conference*. Philadelphia, PA. January 2007.

2) **Tjoumakaris, S.I.** Endovascular Treatment of Intracranial Aneurysms. *The Pennsylvania Neurological Society Annual Scientific Meeting*. Hershey, PA. July 2006.

1) **Tjoumakaris S.I.** Neuropeptide Interactions in Locus Coeruleus During Stress. *The 15th Annual Pan-Philadelphia Neurosurgery Conference*. Philadelphia, PA. January 2004.

ORAL PRESENTATIONS

92) **Tjoumakaris, S.I.** Neurosurgery Traumatic Direct Carotid Cavernous Fistula. *Sidney Kimmel Medical College Neurosurgery Residency Conference*. Philadelphia, PA. April 7th, 2020.

92) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. September 20th, 2019.

91) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. July 12th, 2019.

90) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. May 3rd, 2019.

89) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. April 22nd, 2019.

88) **Tjoumakaris, S.I.** Women In Surgery. *Sidney Kimmel Medical College AWA Women's History Month*. Philadelphia, PA. March 19th, 2019.

87) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. February 11th, 2019.

86) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. November 19th, 2018.

85) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. September 12th, 2018.

84) **Tjoumakaris, S.I.** Endovascular and Cerebrovascular Neurosurgery. Camp Neuro, Philadelphia, PA. July 26, 2018.

83) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. June 20th, 2018.

82) **Tjoumakaris, S.I.** Physician Panel American Medical Women's Association Annual Women's Forum: Life As A Neurosurgeon. Jefferson Medical College. March 20th, 2018.

81) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Sidney Kimmel Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. April 4th, 2018.

- 80) **Tjoumakaris, S.I.** Endovascular and Cerebrovascular Neurosurgery. Camp Neuro, Philadelphia, PA. July 20, 2017.
- 79) **Tjoumakaris, S.I.** Current Treatments In Vascular Neurosurgery *Jefferson Medical College Neuroscience Anatomy Lecture, ID150*. Philadelphia, PA. May 2016.
- 78) **Tjoumakaris, S.I.** Anterior Spinal Artery Occlusion and Wallenber's Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 2016.
- 77) **Tjoumakaris, S.I.** Anterior Spinal Artery Occlusion and Wallenber's Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 2016.
- 76) **Tjoumakaris, S.I.** Anterior Spinal Artery Occlusion and Wallenber's Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 8, 2015.
- 75) **Tjoumakaris, S.I.** Amyotrophic Lateral Sclerosis and Syringomyelia. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 1, 2015.
- 74) **Tjoumakaris, S.I.** Vascular Neurosurgery Journal Club: Endovascular Management of Acute Ischemic Stroke, A Review of Recent Trials. Thomas Jefferson University, Dept. Neurosurgery. May 7th, 2015.
- 73) **Tjoumakaris, S.I.** Physician Round Table Talk American Medical Women's Association: A Successful Career In Medicine. Jefferson Medical College. May 6th, 2015.
- 72) **Tjoumakaris, S.I.** Hobart A Hare Honor Society Raft Debate. Neurosurgery Survival. April 13th, 2015.
- 71) **Tjoumakaris, S.I.** Young Professionals Organization: Sidney Kimmel/Jefferson Medical College. Neurointervention for Acute Ischemic Stroke, Cerebral Aneurysms and Stroke Telemedicine. February 19th, 2015.
- 70) **Tjoumakaris, S.I.** Physician Panel American Medical Women's Association: Life As A Neurosurgeon. Jefferson Medical College. January 28th, 2015.
- 69) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Cranial Nerves and Head & Neck. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. September 29, 2014.

68) **Tjoumakaris, S.I.** Brain Aneurysms: Incidence, Presentation, Treatment, Prevention. *Saturday Mornings With Joy Keys*. www.blogtalkradio.com/joykeys. September 6, 2014.

67) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Spinal Cord and Autonomic Nervous System. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. August 19, 2014.

66) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Jefferson Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. August 5th, 2014.

65) **Tjoumakaris, S.I.** Current Treatments In Vascular Neurosurgery *Jefferson Medical College Neuroscience Anatomy Lecture, ID150*. Philadelphia, PA. May 30, 2014.

64) **Tjoumakaris, S.I.** Weber's Syndrome and Amyotrophic Lateral Sclerosis. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 16, 2014.

63) **Tjoumakaris, S.I.** Syringomyelia and Lateral Medullary Plate (Wallenberg's) Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 17, 2014.

62) **Tjoumakaris, S.I.** Life As An Academic Neurosurgeon. *Jefferson Medical College. Student Interest Group In Neurosurgery*. Philadelphia, PA, December 4th, 2013.

61) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Cranial Nerves and Head & Neck. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. September 30, 2013.

60) **Tjoumakaris, S.I.** Advances In Acute Ischemic Stroke Treatment. *Jefferson Alumni Association*. Philadelphia, PA, September 18, 2013.

59) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Spinal Cord and Autonomic Nervous System. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. August 20, 2013.

58) **Tjoumakaris, S.I.** Diagnosis and Endovascular Management Of Acute Ischemic Stroke. *Meadowbrook Neurological Associates Education Conference*. Holy Redeemer Hospital, June 6th, 2013.

57) **Tjoumakaris, S.I.** Transcranial Dopplers (TCD): Technique and Application In Subarachnoid Hemorrhage. *Neurological ICU Nurses Education Conference*. Neurological Intensive Care Unit (NICU). Mary Medical Center, April 12th, 2013.

56) **Tjoumakaris, S.I.** Neurosurgery Critical Thinking. *Jefferson Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. April 12th, 2013.

55) **Tjoumakaris, S.I.** Acute Care for the Neurosurgery Patient. *Nurse Practitioner Education Conference*. Thomas Jefferson University, March 20th, 2013.

54) **Tjoumakaris, S.I.** 26th Annual Women's Forum: Life As A Neurosurgeon. Jefferson Medical College. February 27th, 2013.

53) **Tjoumakaris, S.I.** Stroke and the NIHSS: Hands-On Conference. *Nursing Education Series-CME Activity*. St. Mary Medical Center, February 13th, 2013.

52) **Tjoumakaris, S.I.** Diagnosis and Management of Neurosurgical Emergencies. *Jefferson Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. January 28th, 2013.

51) **Tjoumakaris, S.I.** 2012 Mentor's Tea, American Medical Women's Association. *Jefferson Medical College*. January 9th, 2013.

50) **Tjoumakaris, S.I.** Neurological Surgery: Application, Residency, and Life In Academics. *Jefferson Medical College, 31st Annual Career Day*. November 28th, 2012.

49) **Tjoumakaris, S.I.** Diagnosis and Management of Neurosurgical Emergencies. *Jefferson Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. October 26th, 2012.

48) **Tjoumakaris, S.I.** Diagnosis and Endovascular Management Of Acute Ischemic Stroke. *Neuroscience Telemetry Unit MS1A Education*. St. Mary Medical Center, October 18th, 2012.

47) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Cranial Nerves and Head & Neck. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. October 1, 2012.

46) **Tjoumakaris, S.I.** St. Mary Medical Center Health Expo: "Caring for the Whole Woman" Diagnosis, Prevention and Management Of Acute Ischemic Stroke. Cerebrovascular Panelist. Sheraton Bucks County Hotel, Langhorne, PA, Sep 15th, 2012.

45) **Tjoumakaris, S.I.** Diagnosis and Endovascular Management Of Acute Ischemic Stroke. *House Staff Physicians Education Conference*. St. Mary Medical Center, September 13th, 2012.

44) **Tjoumakaris, S.I.** NIH Stroke Scale and Nursing Care for the Stroke Patient. *Neurological ICU Nurses Education Conference*. Neurological Intensive Care Unit (NICU). Mary Medical Center, August 22nd, 2012, Part II.

43) **Tjoumakaris, S.I.** NIH Stroke Scale and Nursing Care for the Stroke Patient. *Neurological ICU Nurses Education Conference*. Neurological Intensive Care Unit (NICU). Mary Medical Center, August 22nd, 2012, Part I.

42) **Tjoumakaris, S.I.** Diagnosis and Management for the ER physician In A Telemedicine Era. *Emergency Room Physician Education Conference*. St. Mary Medical Center, August 21st, 2012.

41) **Tjoumakaris, S.I.** Diagnosis and Management of Acute Ischemic Stroke for the Cardiac Patient. *Cardiac Nurses Education Conference*. Progressive Care Unit (PCU). Mary Medical Center, August 16th, 2012.

40) **Tjoumakaris, S.I.** Diagnosis and Management of Acute Ischemic Stroke for the Rehab Patient. *Rehabilitation Therapists Education Conference*. Inpatient Rehabilitation Unit St. Mary Medical Center, August 15th, 2012.

39) **Tjoumakaris, S.I.** Diagnosis and Management of Acute Ischemic Stroke for the Cardiac Patient. *NICU Nurses Education Conference*. Cardiac Catheterization Unit (CVCU) St. Mary Medical Center, August 15th, 2012.

38) **Tjoumakaris, S.I.** Diagnosis and Management of Acute Ischemic Stroke for the Cardiac Patient. *NICU Nurses Education Conference*. Cardiovascular Care Unit (CVCU) St. Mary Medical Center, August 14th, 2012.

37) **Tjoumakaris, S.I.** Diagnosis and Management of Acute Ischemic Stroke for the Cardiac Patient. *Nurses Education Conference*. Progressive Care Unit (PCU) St. Mary Medical Center, August 13th, 2012.

36) **Tjoumakaris, S.I.** Acute Ischemic Disease. *Neurosurgery Residency Lecture Series*. Thomas Jefferson University Neurosurgery Department, Philadelphia, PA. August 10, 2012.

35) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Spinal Cord and Autonomic Nervous System. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. August 9, 2012.

34) **Tjoumakaris, S.I.** Diagnosis and Management of Neurosurgical Emergencies. *Jefferson Medical College Neurosurgery Critical Thinking Sessions*. Philadelphia, PA. July 27th, 2012.

33) **Tjoumakaris, S.I.** Neurological Intensive Care Unit Nurse Management for Patients With Acute Ischemic Stroke. *NICU Nurses Education Conference*. St. Mary Medical Center, July 25th, 2012.

32) **Tjoumakaris, S.I.** Telemedicine and Endovascular Management Of Acute Ischemic Stroke. *House Staff Physicians Education Conference*. St. Mary Medical Center, July 24th, 2012.

- 31) **Tjoumakaris, S.I.** Telemedicine For The Management Of Acute Ischemic Stroke. *Emergency Room Physician Education Conference*. St. Mary Medical Center, June 21st, 2012.
- 30) **Tjoumakaris, S.I.** Acute Ischemic Stroke: Diagnosis, Medical and Endovascular Management. *South Jersey Emergency Nurses Association Conference*. Camden County Training Center. June 7th, 2012.
- 29) **Tjoumakaris, S.I.** Endovascular Management of Acute Ischemic Stroke. *Bucks EMS Chiefs Association Meeting*. March 20th, 2012.
- 28) **Tjoumakaris, S.I.** 25th Annual Women's Forum: Life As A Neurosurgeon. Jefferson Medical College. March 7th, 2012.
- 27) **Tjoumakaris, S.I.** A Doctor's Note For The Superhuman Physician, American Medical Women's Association and JEFF HOPE. *Jefferson Medical College*. March 1st, 2012.
- 26) **Tjoumakaris, S.I.** American Medical Women's Association Region 3 Conference. Work-Life Balance. Jefferson Medical College, Philadelphia, PA, February 25th, 2012.
- 25) **Tjoumakaris, S.I.** 2012 Mentor's Tea, American Medical Women's Association. *Jefferson Medical College*. January 9th, 2012.
- 24) **Tjoumakaris, S.I.** 23RD Annual PanPhiladelphia Neurosurgery Conference: Resident Research Presentations, Session Moderator, Philadelphia, PA, December 2nd 2011.
- 23) **Tjoumakaris, S.I.** Neurological Surgery: Application, Residency, and Life In Academics. *Jefferson Medical College, 30th Annual Career Day*. December 1st, 2011.
- 22) **Tjoumakaris, S.I.** Endovascular Management of Acute Ischemic Stroke. *Lankenau Hospital, Mainline Health, EMS Conference*. November 20th, 2011.
- 21) **Tjoumakaris, S.I.** Acute Ischemic Stroke: Early Diagnosis and Endovascular Management. *Mercy Suburban Hospital House Staff Meeting*. September 20th, 2011.
- 20) **Tjoumakaris, S.I.** Acute Ischemic Stroke: Early Diagnosis and Endovascular Management. *Mercy Suburban Hospital EMS and Clinical Staff Education Conference*. August 31st 2011.
- 19) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Cranial Nerves and Head & Neck. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. October 3, 2011.

- 18) **Tjoumakaris, S.I.** Neurological Clinical Correlates, Spinal Cord and Autonomic Nervous System. *Jefferson Medical College Gross Anatomy*. Philadelphia, PA. August 11, 2011.
- 17) **Tjoumakaris, S.I.** Neurological Surgery: Application Requirements and Life As A Neurosurgeon. *Jefferson Medical College, 29th Annual Career Day*. December, 2010.
- 16) **Tjoumakaris, S.I.** Subarachnoid Hemorrhage and Management of Cerebral Aneurysms. *Jefferson Medical College Neurological Surgery Lecture Series*. Philadelphia, PA. November 5, 2010.
- 15) **Tjoumakaris, S.I.** Brown Sequard Syndrome and Medial Medullary Plate Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 12, 2010.
- 14) **Tjoumakaris, S.I.** Thalamic Pain Syndrome and Multiple Sclerosis. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 21, 2010.
- 13) **Tjoumakaris, S.I.** Weber's Syndrome and Marcus Gunn Pupil. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 28, 2010.
- 12) **Tjoumakaris, S.I.** Aphasia, Central Pontine Myelinolysis, and Parietal Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. June 2, 2010.
- 11) **Tjoumakaris, S.I.** Brain Death: Diagnosis and Management. *Thomas Jefferson Neurosurgery Core Curriculum Lecture Series*. Philadelphia, PA. August 2009.
- 10) **Tjoumakaris, S.I.** Brainstem Stroke: Diagnosis and Clinical Outcomes. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 2009.
- 9) **Tjoumakaris, S.I.** Traumatic Brain Injury. *Thomas Jefferson Neurosurgery Core Curriculum Lecture Series*. Philadelphia, PA. January 2009.
- 8) **Tjoumakaris, S.I.** Weber's Syndrome and Lateral Medullary Plate Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 2008.
- 7) **Tjoumakaris, S.I.** Evidence Based Management of Low-Grade Gliomas. *Thomas Jefferson University Hospital Journal Club*. Philadelphia, PA. 2007.
- 6) **Tjoumakaris, S.I.** Central Pontine Myelinolysis and Medial Medullary Plate Syndrome. *Jefferson Medical College Neuroscience Clinical Conference, ID150*. Philadelphia, PA. May 2007.

- 5) **Tjoumakaris, S.I.** Low-grade gliomas: Adjuvant therapies. *Thomas Jefferson Neurosurgery Evidence Based Medicine Tufts Module Presentations*. Philadelphia, PA. January 2007.
- 4) **Tjoumakaris, S.I.** Malignant Gliomas: Diagnosis and Current Management Guidelines. *Thomas Jefferson University Hospital Neurosurgery Grand Rounds*. Philadelphia, PA. October 2006.
- 3) **Tjoumakaris, S.I.** Head Trauma: Management and Current Guidelines. *Thomas Jefferson Neurosurgery Core Curriculum Lecture Series*. Philadelphia, PA. July 2006.
- 2) **Tjoumakaris, S.I.** Head Trauma: Management and Current Guidelines. *Thomas Jefferson Neurosurgery Core Curriculum Lecture Series*. Philadelphia, PA. November 2005.
- 1) **Tjoumakaris, S.I.** Neurosarcoidosis. *Thomas Jefferson University Hospital Neurosurgery Grand Rounds*. Philadelphia, PA. October 2002.

CLINICAL TRIALS

A Feasibility Study of the MicroVention, Inc. Neurovascular Self-Expanding Retrievable Stent System in the Treatment of Wide-Necked Intracranial Artery Aneurysms: LVIS: Co-PI.

A prospective multi-center, double-blind, randomized, placebo-controlled, parallel-group study to assess the efficacy and safety of Clazosentan in reducing Vasospasm-related morbidity and all- cause mortality in adult patients with aneurismal subarachnoid hemorrhage treated by surgical clipping: CONSCIOUS-2: Co-PI.

A prospective, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Parallel-Group Study to Assess the Efficacy and Safety of Clazosentan in Reducing Vasospasm-Related Morbidity and All Cause Mortality in Adult Patients with Aneurysmal Subarachnoid Hemorrhage Treated by Endovascular coiling: CONSCIOUS-3: Co-PI.

A prospective, observational study investigating recanalization or recurrence rates observed in a patient registry of HydroSoft coils used as finishing coils to historical series of aneurysms treated with bare platinum coils: GEL THE NEC: CO-PI.

A prospective, observational study investigating the outcomes of stenting with distal protection in the treatment of obstructive carotid artery disease. The devices to be utilized are the Cordis PRECISE® Nitinol Stent Systems (5.5F and 6F) and the Cordis ANGIOGUARD™ XP Emboli Capture Guidewire (ECGW): SAPPIRE: Co-PI.

MEMBERSHIPS

Society of Neurointerventional Surgery: Senior Member
Cerebrovascular Section of Neurosurgery
W.W. Keen Neurosurgical Society
The Brain Aneurysm Foundation
American Association of Neurological Surgeons
Congress of Neurological Surgeons
American Heart Association
Women In Neurosurgery
Alpha Omega Alpha Honor Society
The Union League of Philadelphia
Hellenic Medical Society of Philadelphia
Pennsylvania Neurosurgical Society
Hobart Amory Hare Medical Honors Society
Association of Pathology Chairs Honor Society
Jefferson Alumni Association
American Medical Association
Pennsylvania Medical Society
Jefferson Neurosurgical Society
Delta Phi Epsilon, Founder of Richard Stockton College Chapter
Daphni Greek Association, Previous Vice President
Youth Adult League of Greek Orthodox Church, Previous President

LANGUAGES

English, Greek, German