

**CURRICULUM VITAE****Jason D. Wilson, M.D., M.S., FAANS****Current Title:** Assistant Professor of Clinical Neurosurgery**Business Address:** Department of Neurosurgery  
2020 Gravier St., Room 748  
New Orleans, LA 70112**Business Telephone and Fax:** 504-568-2646/504-568-6127**Business email Address:** jwils8@lsuhsc.edu**Home Address:** 6221 Louisville St.  
New Orleans, LA 70124**Birthdate and Birthplace:** March 6, 1974, Poughkeepsie, NY**Citizenship:** U.S. Citizen**Education:****Undergraduate**  
1995**Associate in Arts**  
State University New York  
Ulster Community College

1997

**Bachelor of Science, Biology**  
State University of New York at New Paltz**Graduate/Medical**  
2003**Masters of Science, Applied Anatomy**  
Case Western Reserve University  
School of Medicine

2003

**Medical Doctorate**  
Case Western Reserve University  
School of Medicine**Internship**  
2003-2004Surgical Intern  
University Hospitals Case Medical Center,  
Neurosurgical Institute  
Cleveland, OH**Residency**  
2004-2009Resident Physician  
University Hospitals Case Medical  
Center, Neurosurgical Institute  
Cleveland, OH

**2009** Chief Resident  
University Hospitals Case Medical Center,  
Neurosurgical Institute  
Cleveland, OH

**2010** Chief Resident  
Department of Surgery, Division of Neurosurgery  
MetroHealth Medical Center  
Cleveland, OH

**Clinical Fellowships**  
**2007-2009**

Neurointerventional Fellowship  
Division of Neuroradiology  
University Hospitals Case Medical Center,  
Neurological Institute  
Cleveland, OH

**2010-2011** Cerebrovascular and Skullbase Neurosurgery  
Goodman and Campbell Brain and Spine  
Indiana University Medical Center  
Indianapolis, IN

**Additional Training Experience**  
**2011**

Neurointerventional Goodman and  
Campbell Brain and Spine  
Indiana University Medical Center  
Indianapolis, IN

**Certification:**

**2015-2024** Diplomate, American Board Neurological Society

**2016** Subspecialty Certification in NeuroEndovascular  
Surgery, The Society of Neurological Surgeons  
CAST: NES: 014

**Licensure:**

Ohio, 35.089782, 2007-2013  
Indiana, 01066859B, 2009-2011  
Alabama, #MD.31001, 2011-2012  
Pennsylvania, MD444865, 2012-2012  
Maine, MD19126, 2012-2014  
Louisiana, #MD.205122, 2012-Present

**Academic, Professional, and Research Appointments:**

**Military Service:**

**2011-2013** Neurosurgeon (Major), United States Air Force  
Reserve, MacDill AFB, FL

<b>2013-Present</b>	Neurosurgeon (Major), United States Air Force Reserve, Keesler AFB, MS
<b>Academic Appointments:</b>	
<b>2012-Present</b>	Assistant Professor – Clinical, Department of Neurosurgery Louisiana State University Health Sciences Center, School of Medicine
<b>2012-Present</b>	Assistant Professor – Clinical, Department of Anatomy and Cell Biology, Louisiana State University Health Sciences Center, School of Medicine
<b>2012-Present</b>	Assistant Professor – Clinical, Department of Radiology, Louisiana State University Health Sciences Center, School of Medicine
<b>2014-2015</b>	Associate Program Director, Department of Neurosurgery, Louisiana State University Health Sciences Center, School of Medicine
<b>2015-Pesent</b>	Interim Program Director, Department of Neurosurgery, Louisiana State University Health Sciences Center, School of Medicine
<b>Hospital Appointments:</b>	
<b>2010-2011</b>	Staff Neurosurgeon, Saint Vincent Hospital Indianapolis, IN
<b>2010-2011</b>	Staff Neurosurgeon, Indiana University Medical Center, Indianapolis, IN
<b>2011-2012</b>	Staff Neurosurgeon, Springhill Memorial Hospital Mobile, AL
<b>2011-2012</b>	Staff Neurosurgeon, Pinnacle Brain and Spine, Providence Hospital Mobile, AL
<b>2011-2012</b>	Locums Neurosurgery, Guthrie Clinic Sayre, PA
<b>2011-2012</b>	Locums Neurosurgery, Central Maine Medical Center, Lewiston, ME
<b>2012-2015</b>	Staff Neurosurgeon, Interim LSU Public Hospital New Orleans, LA

<b>2012-Present</b>	Staff Neurosurgeon, Touro Medical Center New Orleans, LA
<b>2012-Present</b>	Staff Neurosurgeon, West Jefferson Medical Center, New Orleans, LA
<b>2015-Present</b>	Staff Neurosurgeon, University Medical Center New Orleans, LA

**Research Appointments:**

<b>1998-1999</b>	Graduate Research Fellowship Program Case Western Reserve University School of Medicine, Department of Biochemistry
<b>2000</b>	Heart, Lung and Blood Research Assistant Case Western Reserve University School of Medicine, Department of Infectious Diseases

**Membership in Professional Organizations:**

Diplomate, American Board of Neurological Surgeons  
 Member, AANS/CNS Section of Tumors  
 Fellow, American Association of Neurological Surgeons  
 Member, Congress of Neurological Surgeons  
 Member, Cerebrovascular Section  
 Senior Member, Society of Neurointerventional Surgeons  
 Member, Louisiana Neurosurgical Society  
 Member, American Heart Association  
 Associate Member, American College of Surgeons  
 Member, Society of Black Academic Surgeons  
 Member, National Medical Association  
 Member, American College of Surgeons

**Awards and Honors:**

<b>1999</b>	National Medical Fellowship Award
<b>2001</b>	National Medical Fellowship, Crane Foundation Award
<b>2002</b>	Ohio Medical Education & Research Foundation Student Leadership Scholarship
<b>2003</b>	Harry Resnick Memorial Fund Award
<b>2005</b>	Rising Star Award, Medicine, First World Reunion
<b>2013</b>	Excellence in Teaching Award, LSHUSC-NO Department of Neurosurgery

2014

Excellence in Teaching Award, LSHUSC-NO Department of  
Neurosurgery

## **TEACHING EXPERIENCE AND RESPONSIBILITIES**

### **Course/Clerkship/Residency or Fellowship/CME Directorships**

Associate Residency Program Director (2014-2015): Developed and implemented resident curriculum, implemented milestone evaluations, performed resident and faculty evaluations, facilitated weekly resident conferences and faculty meetings, participated in monthly Journal Club, contributed to the resident candidate interview and selection process, resident mentoring (research activities, career). Completed resident and medical student recommendations, monitored work hours, case logs and insured ACGME program compliance. Coordinated interdisciplinary specialty educational activities.

Interim Program Director (2015-Present): Develop and implement resident curriculum, evaluate resident and faculty performance, implement milestones, facilitate weekly resident conferences and faculty meetings, participate in monthly Journal Club, contribute to the resident candidate interview and selection process, mentor residents (career and research activities). Complete resident and medical recommendations, conflict mediation, monitor work hours, case logs and insure ACGME program compliance. Coordinate interdisciplinary specialty educational activities. Oversee resident and clerkship scheduling. I am responsible for all academic components of the neurosurgery-training program at LSU.

### **Curriculum Development/Implementation**

Neurosurgery Resident Skull Base Lab, Director (2012-Present): Developed a lecture series covering neurosurgical skull base approaches. Supervise resident participation in skull base hands-on approaches in collaboration with Otolaryngology and Oral Maxillofacial Surgery departments.

Resident Curriculum (2013-Present): Develop and implement neurosurgery resident educational curriculum in accordance with ACGME milestones. I am responsible for educational quality and content of clinical sub-specialty rotations.

Neuroradiology Rotation (2015-Present): A rotation designed and implemented in collaboration with UMC neuroradiology; to address curriculum deficiencies neurosurgery residents rotate with the radiology staff. Topics covered include all areas of neuroradiology. Residents are given a post rotation exam to assess the fundamentals presented during the rotation.

Radiosurgery Rotation (2015-Present): Rotation designed and implemented in collaboration with the Radiation Oncology Department at West Jefferson Medical Center. To address curriculum deficiencies neurosurgery residents rotate with the Radiation/Oncology staff. Residents review the literature, assist with treatment planning and follow patients in the outpatient setting.

Endovascular Assessment Tool (2016-Present): Development of a post rotation open resource exam to challenge resident knowledge acquired during the endovascular rotation. Questions covering basic anatomy to case management are assessed. Residents are required to cite recent literature and develop a reading list, which can be utilized throughout training.

### **Creation of Enduring Teaching Materials**

Department of Neurosurgery House Officer Manual (2013-Present): This publication is written by key departmental members and is the source reference for the residents on the day to day operations of the department. It includes the departmental policies/procedures, scheduling procedures, leave policies, resident responsibilities, goals and objectives as well as evaluation procedures.

Mock Oral Board Review (2015-Present): Instituted a simulated oral board exam to prepare senior residents for the neurosurgical certification process.

### **Formal Course Responsibilities**

Clerkship Supervisor (2012-Present): Teach residents and medical students on rotation at University Medical Center and West Jefferson Medical Center, during rounds and in the operating room. Present didactic lectures covering: skull base, vascular and trauma at weekly resident conferences.

Medical Student Brain Lab, Moderator (2013-Present): Participate in the brain exposure for the 2<sup>nd</sup> year LSU medical students in collaboration with the Otolaryngology department. Additionally, participate in the brain slicing course for the 1<sup>st</sup> year LSU medical students

### **Departmental/Interdisciplinary Teaching Conferences**

Grand Rounds, Moderator (2012-Present): Facilitate a weekly discussion at a department level about a variety of topics including surgical management of traumatic brain injury, lateral transtentorial cerebellar approach, middle fossa approach, and minipterional. Attend and contribute to this weekly conference.

Journal Club, Moderator (2012-Present): Conduct a monthly meeting which reviews recent clinical and scientific literature focusing on a topic in neurosurgery. Asked to moderate and choose articles for the skull base and endovascular surgery topics. Attend and contribute to this monthly conference.

Mortality & Morbidity Conference, Moderator (2012-Present): Attend and contribute to the department wide conference, which addresses unfavorable outcomes in neurosurgical patients.

### **Teaching Awards:**

**2012-2013** Excellence in Teaching Award, LSUHSC-NO Department of Neurosurgery

**2013-2014** Excellence in Teaching Award, LSUHSC-NO Department of Neurosurgery

**Undergraduate, Medical, or Graduate Students Trained:**

Research Advisor (2015-2016): Mentor to Darian Harris, Xavier University (Undergraduate) and Jonas Miller, L-2, LSUHSC-New Orleans (Medical Student), who participated in the LSUHSC Undergraduate and Medical Summer Research Program.

**RESEARCH AND SCHOLARSHIP**

**Clinical Trials:**

<b>2014-2015</b>	ATACH-II Clinical Trial, Site Principal Investigator Interim LSU Hospital/West Jefferson Medical Center NCT01176565
<b>2014-Present</b>	CSM-Protect Clinical Trial, Site Principal Investigator University Medical Center NCT01257828
<b>2015-Present</b>	POINT Clinical Trial, Site Co-Principal Investigator University Medical Center NCT00991029
<b>2015-Present</b>	NACTN Data Registry, Site Principal Investigator University Medical Center NCT00178724
<b>2015-Present</b>	Evaluation of Cervical Fusion with DTRAX Cervical Cage-B with DTRAX Bone Screw in Patients with Cervical Radiculopathy, Site Co-Investigator University Medical Center NCT02694250
<b>2016-Present</b>	NuVasive: A Prospective Multicenter Study Evaluating the Clinical and Radiographic Outcomes of Thoracolumbar Spine Surgery When Comprehensive Sagittal Alignment Surgical Planning is Used, Site Co-Investigator University Medical Center NCT02606695
<b>2016-Present</b>	RISCIS Clinical Trial, Site Principal Investigator University Medical Center NCT01597518

**IRB Approved Studies (Clinical Studies/Trials):**

<b>2015-Present</b>	The Effect of the Use of the Near-Infrared (NIR) Device on Time-to-OR in Head Injury, Principal Investigator (LSU IRB 8520)
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<b>2015-Present</b>	Sub classification and management of thoracolumbar spine injuries by TLICS assessment, Principal Investigator (LSU IRB 8901)
<b>2015-Present</b>	Career and Employment Preparation, Post-residency Planning Survey, Principal Investigator (LSU IRB 8961)
<b>2015-Present</b>	Cervical myelopathy: Use of neurophysiology to evaluate corticospinal efficacy pre-and post-operatively, Principal Investigator (LSU IRB 8995)
<b>2015-Present</b>	Utilization of NIR device to monitor aneurysmal re-hemorrhage or vasospasm, Principal Investigator (LSU IRB 9131)
<b>2015-Present</b>	The Use of the Penumbra Aspiration Catheter System for Distal Embolic Protection During Distal Vertebral Artery Stenting, Principal Investigator (LSU IRB 9124)
<b>2015-Present</b>	Ultrasound of optic nerve sheath diameter to monitor intracranial patients, Principal Investigator (LSU IRB 9121)
<b>2016-Present</b>	A Pilot Study of MicroRNA Expression in Patients with Intracerebral Hemorrhage, Principal Investigator (LSU IRB 9187)
<b>2016-Present</b>	Cranial Trauma: incidence, management, complications, and outcomes, Principal Investigator (LSU IRB 9283)
<b>2016-Present</b>	Utility of Transcranial Magnetic Stimulation in the Evaluation and Treatment for Acute Spinal Cord Injury, Principal Investigator (LSU IRB 9281)
<b>Completed:</b>	
<b>2015-2016</b>	Penetrating Wound Incidence Trends in New Orleans vs. the United States, Principal Investigator (LSU IRB 8484) (Closed Study)
<b>2015-2016</b>	Repeat Head CT Scan for Acute Subdural Hematoma in Mild and Moderate Traumatic Brain Injury, Principal Investigator (LSU IRB 8564) (Closed Study)
<b>Reviewer:</b>	
<b>2014-Present</b>	The Ochsner Journal
<b>2015-Present</b>	Thieme Skull Base Journal
<b>2015-Present</b>	Congress of Neurological Surgery, Case of the Month



## **Journal Publications:**

### **Refereed:**

**Wilson J.**, Screven R., Volk J., Payner T. Use of a Yasargil Mirror as an Adjunct to Indocyanine Green Angiography to Evaluate Patency of Elusive Posterior Communicating Arteries During Aneurysm Clipping. *Neurosurgery* 2012; 71(Suppl Operative): 195-97.

Crutcher C., Fannin E., **Wilson J.** Racial Disparities in Cranial Gunshot Wounds: Effect on Intent and Survival. *J Racial and Ethnic Health Disparities* 11/2015; DOI: 10.1007/s40615-015-0187-7

Gesheva S., Hastings L., **Wilson J.** The Use of Aspiration Catheter Systems for Embolic Protection during Intracranial Vertebral Artery Angioplasty and Stenting. *Interv Neurol.*2016; 4 (3-4):113-19.

### **Non-refereed:**

Dashti S., **Wilson J.**, Hu Y., Selman W., Spetzler R., Peter Nakaji: Neural Regenerative Options in the Management of Ischemic Brain Injury. *Barrow Quarterly* 2007; 23(1).

**Wilson J.**, Smith D., Selman W., Tarr R., Bambakidas N. Extracranial-intracranial Bypass grafting: Utilization and indications. *Neurological Institute Journal* 2008; 1(2).

**Wilson J.**, Hu Y., Nanda A., Blackham K., Hsu D., Tarr R. Stenting and Angioplasty for Atherosclerotic Intracranial Occlusive Disease. *Neurological Institute Journal* 2009.

Chowdhry S., **Wilson J.**, Hsu D., Bambakidis N., Selman W. Managing Intracranial Aneurysms: Surgical Clipping or Endovascular Coiling? *Neurological Institute Journal* 2010; 3(2).

### **Book Chapters:**

Bambakidas N., **Wilson J.**, Hu Y., Selman W. (2011). "Intraoperative Cerebral Protection", *Youmans Neurological Surgery*, (6thEdition). Pennsylvania: Saunders.

Blackham K., Hsu D., **Wilson J.**, Tarr R. (2014) "Intra-arterial Chemical Thrombolysis", *Surgical Endovascular Neuroradiology*. New York: Thieme.

### **Book Reviews:**

Crutcher, CL 2nd, **Wilson J.** Controversies in Neurosurgery II (Review). *Otology & Neurotology* 2014; 35(6): 1015.

Conger A, **Wilson J.** Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery (Review). *Otology & Neurotology* 2014; 35(6): 1016.

Volk J, **Wilson J.** Tumors of the Pediatric Central Nervous System (Review). *Otology & Neurotology* 2014; 35(7): 1125.

Radwan W, **Wilson J.** Neurosurgical Infectious Disease: Surgical and Non-surgical Management (Review). *Otology & Neurotology* 2015; 36(1): p e1.

#### **Published Abstracts:**

Nanda A., **Wilson J.**, Blackham K., Tarr R. "Initial experience with Penumbra System in Interventional Management of Acute Stroke." American Academy of Neurology 61st Annual Meeting, April 25 - May 2, 2009, at the Washington State Convention and Trade Center. Seattle, Washington.

**Wilson J.**, Cohen-Gadol A., Payner T. "Lateral Cerebellar Transtentorial Approach: An Alternative to Radical Skull Base Approaches." American Association of Neurological Surgeons. 2011 AANS 79th Annual Scientific Meeting April 9-13, 2011 Colorado Convention Center. Denver, Colorado.

DiGiorgio A.M., Fannin E.S., Givens R.R., **Wilson J.D.**, Culicchia F. "Trauma workup in the initial management of head trauma affects times to neurosurgical evaluation and operative decompression." Louisiana Neurosurgical Society. 2014 LANS 39th Annual Meeting, January 17-18, 2014. Baton Rouge, LA

Crutcher C.L., Trahan J., Fannin E., **Wilson J.** "Penetrating Injuries to the Neuroaxis from 2008-2013: a New Orleans Experience." Louisiana Neurosurgical Society. 2014 LANS 39th Annual Meeting, January 17-18, 2014. Baton Rouge, Louisiana.

Crutcher C.L., Fannin E., Trahan J., **Wilson J.** "Characteristics of Penetrating Intracranial Gunshot Wound Victims and Factors Affecting Survival." Congress of Neurological Surgeons. 2014 CNS Annual Meeting, October 18-22, 2014. Boston, Massachusetts.

Radwan W., **Wilson J.**, Richter E.O. "A Novel Patient Positioning Technique for Bilateral Supraorbital and Bilateral Occipital Nerve Stimulation for the Treatment of Chronic Migraines: Technical Note." Congress of Neurological Surgeons. 2014 CNS Annual Meeting, October 18-22, 2014. Boston, Massachusetts.

Shields J., Conger A., Crutcher C., **Wilson J.**, "Cervical Myelopathy: Use of Neurophysiology to Evaluate Corticospinal Efficacy Pre- and Post-operatively." Congress of Neurological Surgeons. 2015 CNS Annual Meeting, September 26-30, 2015.

#### **Invited Presentations and Seminars:**

- |             |   |
|-------------|---|
| <b>2014</b> | Presenter, Congress of Neurological Surgeons Meeting<br>Boston, MA  |
| <b>2015</b> | Scientific Moderator, Louisiana Neurosurgical Society (LANS)<br>Program Committee, New Orleans, LA        |
| <b>2016</b> | Chair of Scientific Session, Louisiana Neurosurgical Society<br>(LANS) Program Committee, New Orleans, LA |

## **University/Institutional Service:**

### **LSUHSC:**

- 2014-Present** Member, Multicultural/Diversity Committee  
LSUHSC School of Medicine
- 2014-Present** Member, L3 &L4 Promotions Committee  
LSUHSC School of Medicine
- 2014-Present** Member, Graduate Medical Education Committee  
LSUHSC School of Medicine
- 2014-Present** Member, Surgical Subcommittee  
LSUHSC School of Medicine

### **Hospital:**

- 2012-Present** Member, Stroke Committee  
University Medical Center
- 2015-Present** Member, Medical Staff Quality Committee  
West Jefferson Medical Center

### **National Society Committees:**

- 2015-Present** Member, Case of the Month Committee, Congress of  
Neurological Surgeons
- 2015-Present** Member, Educational Committee, Congress of  
Neurological Surgeons

### **Clinical Service:**

#### **In-patient service activities**

- 04/12-Present** West Jefferson Medical Center  
Provides inpatient general neurosurgical and neuro-  
interventional services seven days a week.
- 04/12-07/15** Interim LSU Public Hospital  
Provided inpatient services two and a half days a week.
- 08/15–Present** University Medical Center  
Provides inpatient general neurosurgery and neurotrauma  
services two and a half days a week.  
  
Inpatient Clinical Activity (FY 2014-2015)  
  
Interim LSU Public Hospital/University Medical Center  
Work Relative Value Units (WRVU's): 10,568

Charges: \$1,814,628.00

West Jefferson Medical Center  
Work Relative Value Units (WRVU's): 4,279  
Charges: \$1,354,074.00

**Clinic coverage**

**04/12–Present** Attending Neurosurgeon, West Jefferson Medical Center –  
Neurosurgery Clinic, one day a week

**05/15–Present** Attending Neurosurgeon, University Medical Center –  
Neurosurgery Clinic, one half day a week

**Call**

**04/12-Present** Neurosurgery Call Services, West Jefferson Medical  
Center, 3 days per month

**04/12-Present** Neurosurgery Interventional Call services, West Jefferson  
Medical Center, 19 days per month

**04/12-07/15** Neurosurgery Trauma Call Services, Interim LSU Public  
Hospital, 11 days per month

**03/13-06/13** Neurosurgery Call Services, Touro Infirmary, 11 days per  
month

**07/13-2/15** Neurosurgery Call Services, Touro Infirmary, 7 days per  
month

**08/15-Present** Neurosurgery Trauma Call Services, University Medical  
Center, 11 days per month

**8/15-Present** Neurosurgery Interventional Call Services, University  
Medical Center, 19 days per month

**Administrative Responsibilities:**

**Departmental:**

**2012-Present** Faculty for the LSU Neurosurgery Residency:

This position involves being part of the teaching faculty, reviewing the performance of the residents and the faculty, evaluating individual rotations, and making sure the ACGME/RRC requirements are met. Preparing for periodic ACGME site visits is also a part of this position. The program has nine neurosurgery residents.

- 2012-Present** Faculty for Morbidity and Mortality conference, Journal Club, and Grand Rounds for LSU Department of Neurosurgery:
- This position involves assisting the residents with the preparation of material for the conferences and the interpretation of various clinical data.
- 2014-Present** Neurosurgery Curriculum Committee Member:
- In conjunction with the Chairman and other faculty, create a one year rotating curriculum for the education of the neurosurgery residents. This involves the coordination of a clinical conference, basic science conference, and extra teaching materials.
- 2014-Present** Neurosurgery Program Evaluation Committee Chair:
- Follow ACGME guidelines by monitoring and tracking: resident performance, faculty development, graduate performance and program quality.
- 2014-2015** Associate Residency Program Director:
- Developed and implemented resident curriculum, implemented milestone evaluations, performed resident and faculty evaluations, facilitated weekly resident conferences and faculty meetings, participated in monthly Journal Club, contributed to the resident candidate interview and selection process, resident mentoring (research activities, career). Completed resident and medical student recommendations, monitored work hours, case logs and insured ACGME program compliance. Coordinated interdisciplinary specialty educational activities for the neurosurgery residents.
- 2015-Present** Interim Residency Program Director:
- Develop and implement resident curriculum, evaluate resident and faculty performance, Facilitates weekly resident conferences and faculty meetings, participates in monthly Journal Club, contributes to the resident candidate interview and selection process, mentors residents in research activities. Complete resident recommendations, monitor work hours, case logs and insured ACGME program compliance. Coordinate interdisciplinary specialty educational activities.

## **Community Service Activities:**

### **2012-Present**            Air Force Reserve Physician

One weekend a month assist with Air Force Member physicals for over 1500 wing service members at Keesler AFB. Mentor numerous enlisted service members. Member of the Deployment Availability Working Group: assess service member eligibility for worldwide duty. Insure service members are medically cleared to deployment. Maintain individual medical readiness.

### **2013-Present**            Undergraduate Neurosurgery Observership Program

Established an observership program where undergraduate students from local colleges are invited to shadow a Neurosurgery physician in the Operating Room for one day at the University Medical Center (UMC). This gives the student the opportunity to see firsthand the relationship between many specialties in medicine and also gives them a chance to network for their future interest in the field. Since the beginning of the program to present, I have mentored approximately 50 undergraduate students through the student observership program at University Medical Center.