

# **CURRICULUM VITAE**

**Name:** Frank Cullicchia

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## **Education:**

### **Undergraduate**

**Graduate/Medical:** M.D., Tulane University School of Medicine 1978-1982

**Internship:** Internship, Charity Hospital of Louisiana New Orleans, LA 1982-1983

**Residency:** Residency, Tulane University School of Medicine New Orleans, LA 1983-1988

**Post-Doctoral Fellowships:** Fellow, Barrow Neurological Institute St. Joseph's Hospital and Medical Center Phoenix, AZ 1988-1989

### **Clinical Fellowships**

**Other (i.e. MPH, MBA, MHA, Career Development Courses)**

**Certification:** Board Certified American Board of Neurological Surgery 1993

**Licensure:** State of LA 1/31/2011

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

### **Academic:**

- Clinical Professor and Chairman Department of Neurological Surgery Louisiana State University Health Sciences Center- New Orleans 2006- present.
- Clinical Associate Professor, Neurological Surgery Tulane University School of Medicine 1989-2006.

### **Professional:**

- Chairman, Nursing Educational Program Congress of Neurological Surgeons Annual Meeting 1996.
- Chairman, Local Arrangements Congress of Neurological Surgeons Annual Meeting 1997.
- Chairman, Poster Section Congress of Neurological Surgeons Annual Meeting 1999.
- Chairman, Cerebrovascular Section Scientific Program Congress of Neurological Surgeons Annual Meeting 2001, San Diego, CA.
- Chairman, Department of Surgery West Jefferson Medical Center Marrero, LA 2000 - 2002.

- Chairman, Cerebrovascular Section Scientific Program American Association of Neurological Surgeons Annual Meeting 2004, Orlando, FL.
- Scientific Program Chairman AANS/CNS Joint Section on Cerebrovascular/ASITN Annual Meeting 2004, San Diego, CA.
- Annual Meeting Chairman AANS/CNS Joint Section on Cerebrovascular/ ASITN Annual Meeting 2005, New Orleans, LA.
- Local Arrangement Chairman American Association of Neurological Surgeons Annual Meeting 2005, New Orleans, LA.
- Guest Examiner American Board of Neurological Surgery Oral Board Examination, May 2004.
- Member, Board of Directors Foundation for International Education in Neurological Surgery [www.FIENS.org](http://www.FIENS.org) 2000-present.
- Treasurer, Foundation for International Education in Neurological Surgery 2003-present.
- Chairman, Membership Committee AANS/CNS Joint Section on Cerebrovascular 2000- 2005.
- Seminar Co-Director Neurovascular Update New Orleans, LA 2002, 2003, 2004, 2005.
- Seminar Director Neuro Critical Care Update New Orleans, LA 1/2004, 10/2004.
- Co-Chairman Kline Gestischrift 2007 New Orleans, LA.

**Membership in Professional Organizations:**

- Congress of Neurological Surgeons
- American Association of Neurological Surgeons
- AANS/CNS Joint Section on Cerebrovascular
- Louisiana State Medical Society
- Jefferson Parish Medical Society
- Orleans Parish Medical Society
- New Orleans Neurological Society

**Awards and Honors:**

- Senator of Medical School Student Body  
Tulane University School of Medicine  
1979-1980
- Treasurer of Medical School Body  
Tulane University School of Medicine  
1980-1981
- Representative to the Dean's Committee  
Residency Training  
Charity Hospital of LA  
1982-1983
- Outstanding Intern, Tulane Division  
Charity Hospital of LA  
1982-1983
- Alpha Omega Alpha  
1982
- Mark Gibbs, III Memorial Award  
Tulane University School of Medicine  
1982
- Kappa Delta Phi Honor Society  
Tulane University School of Medicine  
1982
- Best Scientific Paper  
Rock Mountain Neurosurgical Society, 1989
- Top 100 Doctor Award  
"Top 100 Doctors" Annual Issue
- New Orleans Magazine  
2002
- Member, Neurosurgery/Neurology Department Award  
West Jefferson Medical Center
- U.S. News and World Report "Top 50 Hospitals" Annual Issue  
2002
- Top Doctor Award  
Consumer Checkbook Magazine  
2002
- Public Relations Award  
West Jefferson Medical Center  
2003

- Healthcare Heroes 2007  
City Business Magazine  
New Orleans, LA

**Teaching Experience/Responsibilities: (must include some narrative description)  
Course/Clerkship/Residency or Fellowship/CME Directorships**

**Curriculum Development/Implementation**

**Creation of Enduring Teaching Materials**

**Formal Course Responsibilities – Lecture, Lab, Seminar/DxR/Ethics (all schools and all levels, undergraduate, graduate, resident, fellow, post-doctoral instruction; note number of hours/year and number of years involved in aggregate)**

**Departmental/Interdisciplinary Conferences – Morning Report, Grand Rounds, Tumor Board, Departmental Seminar Series, etc**

**Special Clinical Rounds – Chairman’s Rounds, Chief’s Conference, etc**

**Teaching Awards:**

**Graduate Students Trained: (as Major Professor or Thesis Advisor; do not list all residents supervised during career)**

**Thesis and Dissertation Committees:**

**Post-Doctoral or Post-Residency Fellows Trained:**

**Grants and Contracts: (note role on grant; i.e. PI, co PI, consultant, etc)**

**Funded**

**Pending funding**

**Non-funded applications (last three years)**

**Research Review Committee: (NIH study section, etc)**

**Inventions and Patents:**

**Papers Presented: (include, and ideally segregate, scientific presentations, plenary lectures, refresher courses, CME or society lectures, etc)**

**Seminars and Invited Presentations: (include visiting professorships)**

**Plenary lectureships at professional meetings/symposia**

**Visiting professorships or seminars**

**CME lectures**

**Editorial Posts and Activities:**

**Journal editorships or associate editorships**

## Reviewer status

### University/Institutional Service: (note leadership responsibilities)

Departmental committees  
School of Medicine committees  
LSUHSC (campus) committees  
Hospital committees  
Professional society committees  
Special assignments – ad hoc task forces/working groups, projects, etc

### Clinical Service: (may elaborate details further on portfolio)

In-patient service activities  
Clinic coverage  
Call

### Administrative Responsibilities: (must include some narrative description)

Departmental- Program Director, Neurological Surgery  
School of Medicine  
LSUHSC  
Hospital  
Interdisciplinary/other program (center or program)

### Community Service Activities:

#### Books:

#### Book Chapters:

#### Videos and Multimedia:

#### Scientific Exhibits:

### Journal Publications: (must segregate refereed and non-refereed papers; appended research interest narrative optional)

- Pero CD, Culicchia F, Walvekar RR, O'Malley BW, Nuss DW. Surgery of the anterior and middle cranial base. Cummings Otolaryngology Head & Neck Surgery, 5<sup>th</sup> Edition. Flint, Haughey, Lund, Niparko, Robbins, Richardson, Thomas (Eds). (Mosby:Philadelphia), forthcoming 2010.
- Gachiani, J, Culicchia FC. Book Review of Atlas of Neurosurgical Techniques: Brain. Otolaryngology & Neurotology, 2009 (in press).
- Cui JG, Li YY, Mahta A, Sethi S, Zhao Y, Culicchia F, Lukiw WJ. Micro-RNA-128 (miRNA-128; chr 2q21.3) down-regulation targets Bmi-1-mediated polycomb silencing and transcription factor E2F3a, key regulators of cell cycle progression; manuscript in preparation (2009).
- Cui JG, Li YY, Culicchia F, Lukiw WJ. Graded micro-RNA signaling patterns in glioma and glioblastoma multiforme (GBM); manuscript in preparation (2009).

- Lukiw WJ, Cui JG, Li YY, Culicchia F. Up-regulation of micro-RNA-221 (miRNA-221; chr Xp11.3) and caspase 3 accompanies down-regulation of the survivin-1 homolog BIRC1 (NAIP) anti-apoptotic protein in glioblastoma multiforme (GBM), J. Neurooncology 91:27-32 (2009).
- Culicchia FC, Cui JG, Li YY, Lukiw WJ. Beta-amyloid precursor protein ( $\beta$ APP) signaling in glioblastoma multiforme, Neuroreport 19:981-985 (2008).
- Liu H, Dawson R, Culicchia F.:Unexpected intraoperative hyperkalemia during cerebral angiography and coil embolization of cerebral aneurysm. J Neurosurg Anesthesiol. 2005 Apr;17(2):121-2.
- Tompkins J, Culicchia F: Surgical Alternatives to Interventional Neuroradiology Procedures. Connors JJ, Wojak J; Interventional Neuroradiology, 1998.
- Culicchia F, Brown G: Nursing Dilemmas. Seminars in Neurosurgery. Fisher W, Editor. Thieme Publishing, 1997.
- Borresen T, Overstreet J, Truax W, Culicchia F: EEG Monitoring during Carotid Surgery: Who should do the Monitoring? Clinical Electrocephalography 24:70-77, 1993.
- Ronderos JF, Wiles DA, Ragan FA, Dempsy CV, Culicchia F, Richardson DE: Cranioplasty Using Gentamicin-Loaded Acrylic Cement: A Test of Neurotoxicity. Surgical Neurology 37:356-60, 1992.
- Puca A, Spetzler RF, Zabramski JM, Culicchia F.: Cardiocirculatory arrest with hypothermia. Experimental study. Ital J Neurol Sci. 1991 Feb;12(1):49-55.
- Culicchia F, Spetzler R: Failure of Transluminal Angioplasty in Treatment of Internal Carotid Myointimal Hyperplasia: A Case Report. Neurosurgery 28:148-41, 1991.
- Muchmore J, Dunlap J, Culicchia F, Morris D: Thrombophlebitis and Pulmonary Embolism in Patients with Malignant Gliomas. Southern Medical Journal November 1989.
- Baber WW, Numaguchi Y, Nadell JM, Culicchia F, Robinson AE: Eosinophilic Granuloma of the Cervical Spine Without Vertebral Plana. J Compute Tomogr 1989.
- Culicchia F., Martinez JA: Problems; Spinal Shock. Emergency Medicine 7:65-69, 1987.
- Culicchia F, Mohr JP: The Morbidity and Mortality of Stroke. In Wesley S. Moore MD, Surgery For Cerebrovascular Disease, Chapter 4, New York, NY, Churchill Livingstone. 1987.

## Abstracts:

- Society for Neuroscience (SFN) 37th Annual Meeting 3-7 November 2007, San Diego CA; Lukiw WJ, Culicchia F, Cui JG, "Genetic Regulatory Mechanisms in glioblastoma multiforme (GBM)".
- Society for Neuroscience (SFN) 38th Annual Meeting 15-19 November 2008, Washington DC; Lukiw WJ, Cui JG, Li YY, Zhao Y, Bazan NG, Culicchia F, "Up-regulation of micro-RNA-221 (miRNA-221; chr Xp11.3) triggers robust pro-apoptotic signaling in glioblastoma multiforme (GBM)".
- Society for Neuro-oncology (SNO) 13th Annual Meeting, 20-23 November 2008, Henderson, NV; Lukiw WJ, Cui JG, Zhao Y, Bazan NG, Culicchia F, "Increases in micro-RNA 221 (miRNA-221) and caspase 3 accompanies down-regulation of survivin 1 (BIR-1) anti-apoptotic protein in glioblastoma multiforme (GBM)".
- Lukiw WJ, Culicchia F, Mahta A. Pro-inflammatory genes are up-regulated in Glioblastoma Multiforme (GBM). 2009 Annual meeting. Congress of Neurological Surgeons. New Orleans, LA. 2009 Oct.24-29 (accepted for oral presentation).
- Society for Neuro-oncology (SNO) 14<sup>th</sup> Annual Meeting, 22-24 October 2009, New Orleans, LA; Cui JG, Li YY, Mahta A, Sethi S, Zhao Y, Culicchia F, Lukiw WJ, "Micro-RNA-128 (miRNA-128; chr 2q21.3) down-regulation targets Bmi-1-mediated polycomb silencing and transcription factor E2F3a, key regulators of cell cycle progression."
- Endovascular Intervention as First Choice in Treatment of Aneurysmal Subarachnoid Hemorrhage in a Series of 537 Patients.
- Culicchia F, Dawson, R, Abramova M. 2009 Annual CNS Meeting, Congress of Neurological Surgeons, New Orleans, Louisiana, October 24-29, 2009. Accepted (Neurosurgical Forum).
- Radiation Exposure and Endoscopically Placed Ventricular Shunt Catheters. Abramova, MV, Culicchia, F: XIV World Congress of Neurological Surgery of the World Federation of Neurosurgical Societies, Boston, Massachusetts, August 30-September 4, 2009. Accepted.