

CURRICULUM VITAE

Lee Albert Birnbaum

GENERAL INFORMATION

PERSONAL DATA:

Date of Preparation: 02/27/2013

Address: UTHSCSA
Department of Neurosurgery
7703 Floyd Curl Drive, MC7843
San Antonio, TX 78229

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EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
2007	MS	Neuro-epidemiology	Columbia University School of Public Health, New York, NY
2001	MD	Medicine	Ohio State University College of Medicine, Columbus, OH
1997	BA	Zoology	Miami University, Oxford, OH

TRAINING:

Clinical Fellowship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2007-2009	Endovascular Surgery	Institute for Neurology and Neurosurgery, Roosevelt Hospital, New York, NY
2005-2007	Stroke and Critical Care	Columbia University Medical Center, New York, NY

Internship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2001-2002	Internal Medicine	Mt. Carmel Health System, Columbus, OH

Residency

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2002-2005	Neurology	University of Louisville, Louisville, KY

ACADEMIC APPOINTMENTS:

02/2012 - Present	Director and Director of Stroke	Ross J. Sibert Research Fund Distinguished Chair, Department of Neurology, San Antonio, TX
02/2010 - 02/2012	Interim Director and Interim Director of Stroke	Ross J. Sibert Research Fund Distinguished Chair, Department of Neurology, San Antonio, TX

Details: This interim appointment is for a period of two years overseeing stroke clinical, research, and education activities of Neurology. Approved by: Dr. William L. Henrich, Dr. Robin Brey, and Dr. Glenn Half.

CERTIFICATION AND LICENSURE:***License to Practice***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Physician Permit - Texas Medical Board	Certified	08/2009	N3503	05/2013
Physician Permit - New York State Board for Medicine	Certified	10/2005	60-238031	04/2011

HONORS AND AWARDS:

10/2011	Physician of the Third Quarter: Award presented to Lee Birnbaum, M.D. Board of Managers Meeting at Univeristy Center for Community Health
10/2011	UHS Physician of the Quarter: Award presented to Lee Birnbaum, M.D. from Board of Managers Meeting at Univeristy Center for Community Health
02/2010	Interim Director of Stroke/Department of Neurology: This interim appointment is for a period of two years overseeing stroke clinical, research, and education activities of Neurology. Approved by: Dr. William L. Henrich, Dr. Robin Brey, and Dr. Glenn Half
	Alpha Omega Alpha (AOA); Univ. of Louisville Chapter
	Excellence in Clinical Education, Univ. of Louisville
	Ohio State Univ. Public Health Achievement Award

Washington D.C. Health Care Fellowship, MERCK Inc

Phi Beta Kappa

RESEARCH

PUBLICATIONS: (indicates Peer Reviewed)**

Journal Article

1. Palacio S, Gonzales NR, Sangha NS, Birnbaum LA, Hart RG. Thrombolysis for acute stroke in hemodialysis: international survey of expert opinion. Clin J Am Soc Nephrol 2011 May;6(5):1089-1093.

Not Specified

1. Birnbaum LA, Sacco R. Symptomatic Intracranial Stenosis: Insights from GESICA Journal Watch Neurology 2006;8(8)
2. Birnbaum LA, Sherry R, Pereira E. Isolated intracranial fibromuscular dysplasia presents as stroke in a 19-year-old female. Arq Neuropsiquiatr 2005 Jun;63(2A):318-320.
3. Pereira E, Birnbaum L, Mader G, Birnbaum LA. Overlapping stent-supported coil embolization of wide-neck basilar tip aneurysm: technical case reports. Neuroradiology 2005 Feb;47(2):153-157.
4. Birnbaum LA, Pereira E. The evolving role of carotid artery stenting Jefferson County Medical Society Journal 2004 Nov
5. Pereira E, Birnbaum LA. Diffusion-weighted sequence on MRI for the diagnosis of Creutzfeldt-Jakob disease Dementia Review 2004 Feb
6. Birnbaum LA, Pereira E. The evolving treatment of intracranial aneurysms Jefferson County Medical Society Journal 2004 Jan
7. Davidorf FH, Craig E, Birnbaum L, Wakely P, Birnbaum LA. Management of medulloepithelioma of the ciliary body with brachytherapy. Am J Ophthalmol 2002 Jun;133(6):841-843.

PRESENTATIONS:

- 04/2013 Updates in Secondary Stroke Prevention, 21st Annual Rio Grande Valley Medical Education Conference & Exposition, Primary care, Knapp Medical Center, South Padre Island, TX (Invited Speaker)
- 04/2013 Updates in Endovascular Stroke Therapies, 21st Annual Rio Grande Valley Medical Education Conference & Exposition, Family Practice, Knapp Medical Center, South Padre Island, TX (Invited Speaker)
- 03/2013 Updates in Secondary Stroke Prevention, 36th Annual Family Practice Review Course,

Stroke, UTHSCSA Family Practice, San Antonio, TX (Invited Speaker)

- 02/2013 Location of Intracerebral Hemorrhage in a Tri-ethnic Cohort: The ERICH Study, International Stroke Conference, Stroke, ISC, Honolulu, HI (Co-Author)
Details: *Poster presentation*
- 02/2013 Effect of Addition of Clopidogrel to Aspirin on Stroke Incidence: Meta-analysis of Randomized Trials, International Stroke Conference, Prevention, ISC, Honolulu, HI (Co-Author)
- 02/2013 Closing the Gap - Development of a Regional Stroke System, International Stroke Conference, Essentials of Standard Clinical Practice and Stroke Center Development, ISC, Honolulu, HI (Co-Author)
- 10/2012 Update in Stroke Interventions, Stroke: Redefining what is possible, Neurology/Neurosurgery, Seton Brain & Spine Institute, Austin, TX (Invited Speaker)
- 08/2012 "Updates in acute stroke interventions", San Antonio AirLife's 2012 Emergency Care, AirLife SouthWest Texas, San Antonio, TX (Sole Presenter)
Details: *Dr. Birnbaum presented an update in the acute stroke intervention August 10-11, 2012*
- 07/2012 Updates in Stroke Prevention, Texas Neurological Society Summer Meeting, Texas Neurological Society Summer Meeting, Texas Neurological Society, Galveston, TX (Invited Speaker)
- 03/2012 Whats New in Stroke, 35th Family Practice Symposium, Neurology/Neurosurgery, University of Texas Health Science Center, San Antonio, TX (Sole Presenter)
- 01/2012 Stroke Update 2012, Update in stroke management and care, University Health System, San Antonio, TX (Sole Presenter)
- 01/2012 Reperfusion is most associated with outcome in our intra-arterial thrombectomy cohort, American Society of Neuroimaging, Stroke, ASN, Miami, FL (Co-Author)
Details: *ASN Travel Award recipient.*
- 11/2011 Acute Stroke Update, Neurology/Neurosurgery Grand Rounds, Neurology/Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
Details: *Update on acute and secondary stroke preventions.*
- 10/2011 Cerebrovascular, University of Texas Health Science Center in San Antonio, Neurology/Neurosurgery, San Antonio, TX (Sole Presenter)
- 06/2011 Acute Stroke Management, Hill Country Memorial Hospital, Hill Country Memorial Hospital, Hill Country Memorial Hospital, Fredericksburg, TX (Co-Presenter)
- 04/2011 Teleneurology Increases the Use of IV tPA in Intra-Arterial Thrombectomy my Patients, American Academy of Neurology, Stroke, AAN, Honolulu, HI (Co-Author)
Details: *Stroke is one of the leading causes of morbidity and mortality worldwide and*

the third leading cause of permanent disability in industrialized nations. Acute stroke care requires not only a rapid assessment, but a comprehensive and systematic approach. It is well established that treatment with IV tPA within 4.5 hours increases the likelihood of survival and substantial recovery compared to no treatment. Unfortunately, many stroke patients do not have access to a comprehensive stroke unit or IV tPA. The use of teleneurology has significant implications for the treatment of stroke in community based hospital systems as it allows for quick diagnosis, rapid initiation of treatment with IV tPA and successful transfer to a stroke center for further intervention, care and surveillance.

- 12/2010 Role of Telmisartan in an Ischemic Stroke Model, Neurosurgery Summer Research 2010, Neurosurgery, UTHSCSA, San Antonio, TX (Co-Author)
Details: Neurosurgery Summer Medical Student Research 2010' poster presentation.
- 07/2010 Acute Stroke Update, Baptist Health System/St. Lukes, Neurosurgery/Neurology, UTHSCSA, San Antoni, TX (Sole Presenter)
- 05/2010 Grand Rounds: Extending Time Windows for the Treatment of Acute Stroke Patients with Advanced Neuroimaging, Valley Baptist Hospital/Harlingen, TX, Harlingen, TX, Grand Rounds Valley Baptist Health, Harlingen, TX (Invited Speaker)
Details: Grand Rounds at Valley Baptist in Harlingen, TX
- 05/2010 Vascular Conference, Neurosurgery Conference, Neurosurgery, UTHSCSA, San Antonio, TX (Invited Speaker)
- 04/2010 Neuroanatomy: Chapter 14: The Blood Supply of the Central Nervous System, Neurosurgery Conference, Department, UTHSCSA, San Antonio, TX (Sole Presenter)
- 04/2010 Grand Rounds: Extending Time Windows for the Treatment of Acute Stroke Patients w/Advanced Neuroimaging, Neurosurgery Conference, Department, UTHSCSA, San Antonio, TX (Sole Presenter)
- 03/2010 Cerebral Vascular, Neurosurgery Conference Meeting, Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 01/2010 Peripheral Vascular, Baptist Health System 13th Annual Conference, Peripheral Vascular, Baptist Health System, San Antonio, TX (Invited Speaker)
Details: 13th Annual Peripheral Vascular/Baptist Health System.
- 11/2009 SOC Teleneurology, Baptist Brain, & Stroke Network, Uvalde Physician Seminar, Baptist Health System, Uvalde Memorial Hospital, San Antonio, TX (Invited Speaker)
Details: Stroke Presentation at Uvalde Physician Meeting.
- 11/2009 Stroke Presentation, Emergency Physician Meeting, Baptist Health System, San Antonio, TX (Invited Speaker)
Details: Stroke presentation to the Baptist ER physician.
- 10/2009 Vascular, Neurosurgery Conference, Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
Details: Department of Neurosurgery Conference; Vascular Conference.

- 08/2009 Endovascular Treatment of Head/Neck Vascular Malformations, Neurosurgery Conference, Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
Details: Grand Rounds
- 10/2006 Subclinical Carotid Artery Disease is not Associated with White Matter Hyperintensities: The Northern Manhattan Study, Joint World Congress on Stroke, Cape Town, South Africa (Co-Presenter)
Details: Authors: Birnbaum L, Wright C, Rundek T, Huang L, Li L, Mitsuhiro Y, DeCarli C, Sacco R.

RESEARCH GRANTS:**Project #:** CLP 2480**Funding Agency:** Penumbra**Title:** Clinical Outcome in Acute Stroke Treatment after Imaging**Status:****Period:** 07/2010 - 07/2011**Role:** Principal Investigator**% Effort:****Total Costs:**

Grant Detail: Clinical Outcome in Acute Stroke Treatment after Imaging Guided Patient Selection for Interventional Revascularization Therapy. The objective of this clinical evaluation is to determine the safety and effectiveness of the Penumbra System in a stroke cohort who presents within eight hours from symptom onset and with a known core infarct volume at admission.

State**Project #:** CO1NS69763-01**Funding Agency:** Cincinnati**Title:** Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH)**Status:** Active**Period:** 07/2010 - Present**Role:** Co-Investigator**% Effort:****Total Costs:** \$240,508.00

Grant Detail: The Goal of this study is to identify differences in risk factor distribution, imaging characteristics, and outcomes in a multi-center case control study of intracerebral hemorrhage.

SERVICE**SERVICE TO THE PROFESSION:**

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
09/2011-09/2014	International	International Stroke Conference	Reviewer
		<i>Reviewing abstracts</i>	

SERVICE TO THE PUBLIC:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
06/2012-06/2012	Health Education	KENS 5 News: Sleep and Stroke Risk	Associate Professor
<i>Sleep and Stroke Risk: Too little sleep could put you at risk for stroke interview by Wendy Rigby.</i>			
01/2011-01/2011	Health Education	"Curry Spice in Neuroprotective Against Stroke"	Associate Professor
<i>Television Interview with KSAT 12 News-On Pubue Awareness for Novel Stroke Therapies "Curry Spice"</i>			

PROFESSIONAL AFFILIATIONS:

<u>Dates</u>	<u>Organization</u>
07/2012-Present	Texas Neurological Society
<i>Additional Details: TNS</i>	
09/2009-Present	American Stroke Association
07/2005-Present	Society of Vascular and Interventional Neurology
07/2002-Present	American Academy of Neurology

COMMITTEES (OTHER):**DEPARTMENT**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
07/2010-Present	Neurology Department Education Committee, University of Texas Health Science Center at San Antonio, Neurology	Member

OTHER

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
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01/2011-Present IMS/CTSA pilot project reviewer

SCHOOL

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2011-Present	Neurosurgery Department Recruitment Committee, University of Texas Health Science Center at San Antonio, Neurosurgery	Member

UNIVERSITY

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
07/2010-Present	UTHSCSA IRB member, University of Texas Health Science Center at San Antonio	Member