

CURRICULUM VITAE

David F Jimenez

GENERAL INFORMATION

PERSONAL DATA:

Date of Preparation: 11/07/2014

Address: Department of Neurosurgery
University of Texas Health Science Center at San Antonio
7703 Floyd Curl Drive (7843)
San Antonio, TX 78229-3900

Phone Number: (210) 567-5625

Fax Number: (210) 567-6066

Email Address: jimenezd3@uthscsa.edu

EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
1985	MD	Medicine	Temple University School of Medicine, Philadelphia, PA
1980	BA	Psychobiology	Temple University, Philadelphia, PA

TRAINING:

Internship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1985-1986	General Surgery	Temple University Hospital, Philadelphia, PA

Post Doctoral Fellowship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1991-1992	Pediatric Neurosurgery	Albert Einstein College of Medicine, Montefiore Medical Center, New York, NY

Residency

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1990-1991	Neurosurgery	Temple University Hospital, Philadelphia, PA
1986-1991	Neurosurgery	Temple University Hospital, Philadelphia, PA

ACADEMIC APPOINTMENTS:

10/2005 - Present Professor and Chairman, Department of Neurosurgery University of Texas Health Science Center at San Antonio, School of Medicine, Department of Neurosurgery, San Antonio, TX

06/2004 - 10/2005 Professor with tenure and Director, Center for Neurosurgical Sciences University of Texas Health Science Center at San Antonio, Department of Surgery, San Antonio, TX

06/2004 - Present Program Director, Neurosurgery Residency Training Program University of Texas Health Science Center at San Antonio, Department of Neurosurgery, San Antonio, TX

09/2003 - 05/2004 Professor and Faculty Physician University of Missouri-School of Medicine, Department of Department of Surgery, Columbia, MO

Details: Professor, Division of Neurosurgery, Department of Surgery, University of Missouri-School of Medicine; Columbia, MO

09/1998 - 09/2003 Associate Professor with tenure University of Missouri-School of Medicine, Department of Department of Surgery, Columbia, MO

Details: Associate professor with tenure, Division of Neurosurgery, Department of Surgery, University of Missouri-School of Medicine; Columbia, MO

01/1998 - 10/2002 Program Director, Neurosurgical Residency Training Program University of Missouri-School of Medicine, Department of Division of Neurosurgery, Columbia, MO

Details: Program Director, Neurosurgical Residency Training Program, Division of Neurosurgery; University of Missouri-School of Medicine, Columbia, MO; January 1998- October 2002

03/1994 - 12/1997 Associate Director and Associate Director, Neurosurgery Residency Training Program, Division of Neurosurgery University of Missouri-School of Medicine, Department of Division of Neurosurgery, Columbia, MO

Details: Associate Directory, Neurosurgery Residency Training Program, Division of Neurosurgery, University of Missouri-School of Medicine, Columbia, MO

07/1992 - 08/1998 Assistant Professor University of Missouri-School of Medicine, Department of Division of Neurosurgery, Department of Surgery, Columbia, MO

Details: Assistant Professor, Division of Neurosurgery, Department of Surgery, Columbia, MO

NON-ACADEMIC APPOINTMENTS:

09/2014 - Present Director of Neurosurgery North Central Baptist Hospital, San Antonio, TX

09/2007 - Present Attending Neurosurgeon Cancer Therapy and Research Center and HEB Surgical Oncology Center, San Antonio, TX

11/2005 - Present Director, Neurosurgery Clinic University Health System, San Antonio, TX

06/2005 - Present Attending Neurosurgeon Baptist Health System, San Antonio, TX

Details: Attending Neurosurgeon, Provisional; Baptist Health System; San Antonio, TX

06/2005 - Present Attending Neurosurgeon Christus Santa Rosa Health System, San Antonio, TX

06/2005 - Present Attending Neurosurgeon South Texas Veteran's Administration Health Care System, San Antonio, TX

06/2004 - Present Attending Neurosurgeon University Health System, San Antonio, TX

01/2001 - 09/2003 Attending Neurosurgeon Columbia Regional Hospital, Columbia, MO
Details: Attending Neurosurgeon, Columbia Regional Hospital, Columbia, MO

11/2000 - 09/2003 Attending Neurosurgeon Boone Hospital Center, Columbia, MO
Details: Attending Neurosurgeon, Boone Hospital Center, Columbia, MO

04/1997 - 05/2004 Director of Surgical Epilepsy Program University of Missouri Hospital and Clinics, Columbia, MO
Details: Director, Surgical Epilepsy Program, University of Missouri-School of Medicine; Columbia, MO; April 1997-May 2004

12/1996 - Present Fellow American Academy of Pediatrics

10/1996 - Present Fellow American College of Surgeons

05/1994 - 01/2001 Co-Director, Neuro-oncology University of Missouri Hospitals and Clinics, Columbia, MO
Details: Co-Director, Neuro-oncology Program, University of Missouri Hospitals and Clinics; Columbia, MO May 1994-January 2001

07/1993 - 05/2004 Co-Director Center for Craniofacial Disorders, University of Missouri, Columbia, MO
Details: Co-Director, Center for Craniofacial Disorders, University of Missouri, Columbia, MO

09/1987 - 01/1988 Honorary Assistant House Physician National Hospital for Nervous Diseases, Queens Square, London, United Kingdom
Details: Honorary Assistant House Physician, National Hospital for Nervous Diseases, Queens Square, London, England

CERTIFICATION AND LICENSURE:

Board Certification

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Board Certification in Pediatric Neurological Surgery - American Board of Pediatric Neurological Surgery	Certified	11/1997	n/a	n/a
Board Certification in Neurological Surgery - American Board of Neurological Surgery	Certified	05/1995	95038	n/a

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	04/2005	M0767	n/a
Faculty Temporary Permit (Inactive) - Texas Medical Board	Eligible	06/2004	40457	06/2005
Physician Permit - Missouri Division of Professional Registration	Certified	03/1992	100272	01/2014
Physician Permit (Inactive) - New York State Education Department Office of the Professions	Eligible	06/1991	185668	n/a
Physician Permit (inactive) - Pennsylvania Department of State Bureau of Professional and Occupational Affairs	Eligible	12/1986	MD040362L	12/1992

HONORS AND AWARDS:

- 01/2014 San Antonio Best Doctors 2014: S.A. Scene Magazine
- 01/2014 America's Top Doctors 10 Years: Castle Connolly Medical
- 12/2013 Texas Super Doctors: Listed in the Texas Monthly Magazine in Texas Super Doctors
- 08/2013 Best Doctors: San Antonio Magazine
- 01/2013 San Antonio's Best Doctors 2013: S.A. Scene Magazine

01/2013 Best Doctors in America: Central Region - Pediatric Neurosurgery

01/2013 America's Top Doctors: Castle Connolly Medical LTD., New York

01/2013 Top Doctors - US News and World Report: Top 1% in the nation in Neurosurgery
<http://health.usnews.com/top-doctors/david-jimenez-neurosurgeon-80CC005434>

01/2012 San Antonio's Best Doctors 2012: SA Magazine

01/2012 San Antonio's Best Doctors 2012: Scene in SA Magazine

01/2011 Best Doctors in America 2011-2012: The Best Doctors in America: The Best Doctors in America, Best Doctors, Inc., Aiken SC, 2010

01/2011 San Antonio's Best Doctors 2011-2012: SA Magazine

01/2011 Who's Who Among Executives and Professionals in the field of Research: Cambridge Who's Who Among Executives and Professionals in the field of Research, Medicine and Healthcare, Uniondale, NY

12/2010 San Antonio's Best Doctors 2010: Scene in SA

05/2010 Second Place Award, History Poster Section: Second Place Award, History Poster Section. "Historical Review of Autogenous Fat Graft Use to Prevent Latrogenic CSF Rhinorrhea after Transsphenoidal Approaches." American Association of Neurological Surgeons, Annual Meeting, Philadelphia, PA

01/2010 Who's Who Among Executives and Professionals Throughout the World: Who's Who Among Executives and Professionals Throughout the World, Long Island City, NY, 2010

01/2010 The Best Doctors in America: The Best Doctors in America, Best Doctors, Inc., Aiken SC, 2010

01/2010 America's Top Doctors: America's Top Doctors, Castle Connolly Medical LTD., New York NY, 2010

01/2010 The Best Doctors in San Antonio: The Best Doctors in San Antonio by Scene in SA Magazine

01/2009 University of Texas Health Science Center San Antonio, Presidential Award: University of Texas Health Science Center San Antonio, Presidential Award for Excellence in Clinical Service, San Antonio, TX, 2009

01/2009 The Best Doctors in America: The Best Doctors in America, Best Doctors, Inc., Aiken SC, 2009

01/2009 America's Top Surgeon: America's Top Surgeon, SLD Industries, Woodland Hills, CA, 2009

01/2009 San Antonio Business Journal Health Care Hero: San Antonio Business Journal Health Care Hero, Brain and Stroke Network, San Antonio, TX, 2009

01/2009 Hispanic Business Magazine's 100 Most Influential: Hispanic Business Magazine's 100 Most Influential, Santa Barbara, CA 2009

01/2009 Innovator of the Year Award: Innovator of the Year Award, Vangaurd Health System, Nashville, TN 2009

01/2008 The Best Doctors in America: The Best Doctors in America, Best Doctors, Inc., Aiken, SC, 2008

01/2008 America's Top Surgeon: America's Top Surgeon, SLD Industries, Woodland Hills, CA 2008

01/2007 Marquis Who's Who: New Providence, NJ

01/2007 Cambridge Who's Who Among Executive & Professional Physicians: Honor's Edition Uniondale NY

01/2007 The Best Doctors in America: The Best Doctors in America, Best Doctors, Inc., Aiken, SC, 2007

01/2007 America's Top Surgeon: America's Top Surgeon, SLD Industries, Woodland Hills, CA, 2007

01/2006 America's Top Physicians: SLD Industries, Inc; Woodland Hills, CA

01/2006 America's Top Surgeons: SLD Industries, Inc; Woodland Hills CA

01/2006 Marquis Who's Who: New Providence NJ

01/2005 America's Top Physicians

01/2005 Top Doctor 2005: Castle Connolly Medical Ltd, New York NY, 2004-2007

05/2004 First Place Award, poster section. "History Nasofrontal Encephaloceles.": American Association of Neurological Sugeons, Annual Meeting, Orlando, FL

01/2004 The Best Doctors in America: Best Doctors, Inc., Aiken, SC

01/2004 America's Top Physicians: "American's Top Physicians"- Guide to America's Top Physicians 2004-2005; Consumer's Research Council of America; SLD Industries, INC. (2005

01/2003 The Best Doctors in America: Best Doctors, Inc., Aiken, SC

02/2002 Staff Member of the Month: University of Missouri Health Care, Columbia, MO

01/2002 Service Quality Award: Iniversity of Missouri Health Care, Columbia, MO

01/2002 The Best Doctors in America: Dest Doctors, Inc. Aiken, SC

01/2001 Honored Member: Strathmore's Who's Who

01/1999 Continuing Education Award in Neurosurgery: American Association of Neurological Surgeons

01/1998 The Best Doctors in America: Woodward/White, Inc.; Aiken, SC

06/1997 First Place Scientific Exhibit: Missouri School of Medicine, Columbia, MO

01/1997 Alpha Omega Alpha: University of Missouri School of Medicine, Columbia, MO

11/1996 Excellence in Patient Education Award: First Physician Recipient, University of Missouri Hospital and Clinics

01/1996 Best Doctors in America: Central Region-Pediatric Neurosurgery

01/1996 Second Place Residents Competition: Missouri Chapter American College of Surgeons

06/1995 "Community Service Award" American Medical Association, Young Physicians Se: Annual Meeting, Chicago, IL

01/1994 Award of Appreciation from the San Juan Medical Society: Manila, Philippines

01/1994 Award of Appreciation from the St. Martin de Porres Charity Hospital: Manila, Philippines

12/1993 Hydrocephalus Foundation Award, Best Resident Presentation: CP Bondurant, DF Jimenez, "The Epidemiology of Cerebrospinal Fluid Shunting." Annual Meeting, Section on Pediatric Neurological Surgery of AANS.

04/1991 Third Place Award in the Cerebrovascular Section for "Cerebral Microcircula: American Association of Neurological Surgeons Annual Meeting

11/1989 Third Place Award for "The Value of Transcranial Doppler in the Management: American College of Surgeons Resident's Trauma Paper Competition, The Milton Hershey School of Medicine, Hershey, PA

05/1985 The Curtis T. Sherman Humanist Award: Temple University School of Medicine, Philadelphia, PA

05/1978 Award for Accomplishment and Leadership in Student Governance: Representative of the Student Senate, Temple University, Philadelphia, PA

TEACHING

COURSE BASED TEACHING:

<u>Date</u>	<u>Course Name</u>	<u>Level</u>	<u>Role</u>
10/2004 - 10/2004	Practical Course on Cranial Endoscopic Procedures	Other	Not Specified
<i>Practical Course on Cranial Endoscopic Procedures; CNS Annual Meeting; San Fransisco, CA; October 17, 2004</i>			
05/2004 - 05/2004	Plenary Session IV	Other	Co-Teacher
<i>Moderator: Plenary Session IV; American Association of Neurological Surgeons Annual Meeting; Orlando, FL; May 6, 2004</i>			
04/2003 - 04/2003	Scientific Session V	Other	Co-Teacher
<i>Moderator: Scientific Session V; American Association of Neurological Surgeons Annual Meeting; San Diego, CA; April 28, 2003</i>			
04/2003 - 04/2003	The 2003 Malpractice Crisis: Current Perspectives	Other	Co-Teacher
<i>Moderator: "Special Course 1- The 2003 Malpractice Crisis: Current Prespectives"; American Association Neurological Suegeons Annual Meeting; San Diego, CA; April 20, 2003</i>			
11/2002 - 11/2002	Update on Socioeconomic Issues affecting the Practice of Neurosurgery in 2002	Other	Guest Lecturer

Guest Speaker: "update on socioeconomic issues affecting the practice of Neurosurgery in

2002"; Indiana State Neurosurgical Society Annual Meeting; Indianapolis, IN; November 16, 2002

04/2002 - 04/2002 Scientific Session VI Other Co-Teacher

Moderator: Scientific Session VI; AANS Annual Meeting; Chicago; IL; April 10, 2002

10/2001 - 10/2004 ACE Preceptor Graduate Preceptor

ACE Preceptor: University of Missouri School of Medicine; Columbia, MO (October 2001-2004)

09/2000 - 09/2000 Neurological Anatomy & Operative Approaches to the Brain, Spine and Peripheral Nerves :Practical Ana Other Clinical Faculty

Faculty: Neurological Anatomy & Operative Approaches to the Brain, Spine and Peripheral Nerves: Practical Anatomy Workshop; St. Louis University; September 12, 2000

11/1999 - 11/1999 Endoscopic Surgical Approaches to the Carpal Tunnel Post Graduate Course Director

Course Director: Endoscopic Surgical Approaches to the Carpal Tunnel; St. Louis University School of Medicine, Practical Anatomy Workshop (November 14, 1999)

10/1999 - 10/1999 Anatomy of the Ventricular System and CSF Pathway (3D) Post Graduate Clinical Faculty

Faculty: Neuroanatomy, Neurology, Hands On Course; "Anatomy of the Ventricular System and CSF Pathway (3-D); Practical Anatomy & Surgical Technique Workshop of St. Louis; October 2, 1999

10/1999 - 10/1999 Practical Courses 37 & 40 Intracranial Endoscopy Other Course Director

Director: Practical Courses 37 & 40, Intracranial Endoscopy; CNS Annual Meeting; Boston,

MA; October 31, 1999

06/1999 - 06/1999	"Approaches to the Ventricular System"	Post Graduate	Clinical Faculty
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Faculty: Basic & Advanced Applications Neurosurgical Endoscopy "Approaches to the Ventricular System"; Practical Anatomy & Surgical Technique Workshop of St. Louis; June 4, 1999

06/1999 - 06/1999	Advanced Application in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique (June 4-5, 1999)

06/1999 - 06/1999	Endoscopic Surgical Approaches to the Carpal Tunnel	Post Graduate	Course Director
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Course Director: Endoscopic Surgical Approaches to the Carpal Tunnel; St. Louis University School of Medicine, Practical Anatomy Workshop (June 4-5, 1999)

06/1999 - 06/1999	Ventricular Endoscopic Anatomy	Post Graduate	Clinical Faculty
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Faculty: Basic & Advanced Applications Neurosurgical Endoscopy; "Ventricular Endoscopic Anatomy"; Practical Anatomy & Surgical Technique Workshop of St. Louis; June 4, 1999

09/1998 - 09/1998	Neuroanatomy, Neurology & Neurosurgery, Hands on Course	Post Graduate	Clinical Faculty
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Faculty: Neuroanatomy, Neurology & Neurosurgery, Hands on Course; "Cerebral Ventricular Anatomy: Cadaveric and Endoscopic Surgical Correlation," Practical Anatomy & Surgical Technique Workshop of St. Louis; September 13, 1998

05/1998 - 05/1998	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (May 15-16, 1998)

05/1998 - 05/1998	Endoscopic Surgical Approaches to the Carpal Tunnel	Post Graduate	Course Director
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Course Director: Endoscopic Surgical Approaches to the Carpal Tunnel; St. Louis University School of Medicine, Practical Anatomy Workshop (May 15-16, 1998)

04/1998 - 04/1998	Indications, Techniques, and Instrumentation	Post Graduate	Lecturer
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Faculty Speaker: Practical Clinic 010 Neuroendoscopy: Indications, Techniques and Instrumentation; AANS Annual Meeting; Philadelphia, PA; April 26, 1998

04/1998 - 04/1998	Neuroendoscopy: Indications, Techniques and Instrumentation	Post Graduate	Lecturer
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Faculty Speaker: Practical Clinic 026; Neuroendoscopy: Indications, Techniques and Instrumentation; AANS Annual Meeting; Philadelphia, PA; April 26, 1998

12/1997 - 12/1997	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (December 5-6, 1997)

11/1997 - 11/1997	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine; Practical Anatomy and Surgical Technique Workshop (November 14-15, 1997)

11/1997 - 11/1997	Endoscopic Surgical	Post Graduate	Course Director
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Approaches to the Carpal
Tunnel

Course Director: Endoscopic Surgical Approaches to the Carpal Tunnel; St. Louis University School of Medicine, practical Anatomy Workshop (November 21, 1997)

09/1997 - 09/1997 Advanced Applications in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (September 19, 1997)

09/1997 - 09/1997 Current Topics in Post Graduate Coordinator
Socioeconomic Neurosurgery
Special Course I

Moderator: Current Topics in Socioeconomic Neurosurgery Special Course I; Council of State Neurosurgical Societies; CNS Annual Meeting; new Orleans, LA; September 29, 1997

09/1997 - 09/1997 Endoscopic Surgical Post Graduate Course Director
Approaches to the Carpal
Tunnel

Course Director: Endoscopic Surgical Approaches to the Carpal Tunnel; St. Louis University School of Medicine, Practical Anatomy Workshop (September 20, 1997)

09/1997 - 09/1997 Intracranial Endoscopy Post Graduate Course Director

Director: Practical Course 032; Intracranial Endoscopy; CNS Annual Meeting; New Orleans, LA; September 28, 1997

09/1997 - 09/1997 Intracranial Endoscopy Post Graduate Course Director

Director: Practical Course 028: Intracranial Endoscopy; CNS Annual Meeting; New Orleans, LA; September 28, 1997

04/1997 - 04/1997 Controversies in Pediatric Post Graduate Coordinator
Craniofacial Surgery

Moderator: Breakfast Seminar 205; "Controversies in Pediatric Craniofacial Surgery,"; AANS Annual Meeting; Philadelphia, PA; Denver, CO; April 15, 1997

04/1997 - 04/1997 Controversies in Pediatric Post Graduate Guest Lecturer
Craniofacial Surgery

Panelist: Breakfast Seminar 105; "Controversies in Pediatric Craniofacial Surgery; AANS Annual Meeting; Philadelphia, PA (April 27, 1997)

04/1997 - 04/1997 Neuroendoscopy: Indications, Post Graduate Clinical Faculty
Techniques & Instrumentation

Faculty: Practical Clinic 008; "Neuroendoscopy: Indications, Techniques & Instrumentation; AANS Annual Meeting; Denver, CO (April 13, 1997)

04/1997 - 04/1997 Neuroendoscopy: Indications, Post Graduate Clinical Faculty
Techniques, & Instrumentation

Faculty: Practical Clinic 025; "Neuroendoscopy: Indication, Techniques, & Instrumentation"; AANS Annual Meeting; Dnever, CO (April 13, 1997)

11/1996 - 11/1996 Advanced Applications in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (November 15-16, 1996)

06/1996 - 06/1996 Advanced Applications in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique (June 14-15, 1996)

04/1996 - 04/1996 Neuroendoscopy Course Post Graduate Clinical Faculty

Faculty: Practical Clinics, Neuroendoscopy Course; AANS Annual Meeting; Minneapolis, Minnesota (April 1996)

10/1995 - 10/1995 Advanced Applications in Post Graduate Course Director
Endoscopy Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (October 27-28, 1995)

08/1995 - 05/1997 Problem Base Learning Graduate Lecturer
Neurosurgical Sciences

Lecture: Problem Base Learning (Neurosurgical Science Topics) 2nd year class; University of Missouri, Columbia; Columbia, MO (1995-1997)

06/1995 - 06/1995 Advanced Applications in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy & Surgical Technique Workshop (June 23-24, 1995)

04/1995 - 04/1995 Advanced Application in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy & Surgical Technique Workshop (April 7-8, 1995)

04/1995 - 04/1995 Advanced Applications in Post Graduate Course Director
Endoscopic Neurosurgery

Course Director: Endoscopic Surgical Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy & Surgical Technique Wrokshop (April 7-8, 1995)

02/1995 - 02/1995 Advanced Applications in Post Graduate Course Director

Endoscopic Neurosurgery

Advanced Applications in Endoscopic Neurosurgery; St. Louis University, School of Medicine, Practical Anatomy & Surgical Technique Workshop (Feb. 10-11, 1995)

12/1994 - 12/1994	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endos. Neurosurg.; ST. Louis Univ. School of Med., Pract. Anatomu & Surg. Tech. Wrkshp (Dec. 2-3, 1994)

10/1994 - 10/1994	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop (October 21-22, 1994)

10/1994 - 10/1994	Neuroendoscopy Course	Post Graduate	Clinical Faculty
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Faculty: Practical Clinics; Neuroendoscopy Course; Congress of Neurological Surgeons ASnnual Meeting; Chicago, IL (October 1-6, 1994)

06/1994 - 06/1994	Advanced Applications in Endoscopic Neurosurgery	Post Graduate	Course Director
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Course Director: Advanced Applications in Endoscopic Neurosurgery; St. Louis University School Medicine, Practical Anatomy and Surgical Technique Workshop (June 3-4, 1994)

05/1994 - 08/1994	Premedical Sciences Enrichment Program	Undergraduate	Preceptor
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Preceptor: Premedical Sciences Enrichment Program; University of Missouri School of Medicine; Columbia, MO (summer 1994)

05/1994 - 05/1994	Craniofacial Surgery and Midas Rex Certification	Post Graduate	Clinical Faculty
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Faculty: Craniofacial Surgery and Midas Rex certification; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop of St. Louis Midas Rex Institute; (May 19-21, 1994)

04/1994 - 04/1994 Neuroendoscopy Course Post Graduate Clinical Faculty

Faculty: Neuroendoscopy Course; American Association of Neurological Surgeons; San Diego, CA (April 9-14, 1994)

11/1993 - 11/1993 Advanced Applications in Endoscopic Neurosurgery Post Graduate Clinical Faculty

Faculty: Advanced Applications in Endoscopic Neurosurgery, St. Louis University School of Medicine, Practical Anatomy Surgical Technique Workshop (November 11-12, 1993)

10/1993 - 10/1993 Advanced Neurosurgery Workshop for Operating Room Personnel Post Graduate Co-Course Director

Co-Course Director: Faculty; Advanced Neurosurgery Workshop for Operating Room Personnel; St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop of St. Louis, Midas Rex Institute (October 21-24, 1993)

08/1993 - 05/2004 Neuroscience Course Resident

Neuroscience course; Division of Neurosurgery; University of Missouri, Columbia; Columbia, MO (1993-2004)

08/1993 - 05/1995 Overview of Pediatric Neurology Graduate Lecturer

Lecturer: Overview of Pediatric Neurology (2nd year class); University of Missouri School of Medicine; Columbia, MO (1993-1995)

05/1993 - 08/1993 Premedical Sciences Enrichment Program Undergraduate Preceptor

Preceptor: Premedical Sciences Enrichment Program; University of Missouri; School of Medicine; Columbia, MO (summer 1993)

12/1992 - 12/1992 Craniofacial Surgery and Midas Rex Certification Post Graduate Clinical Faculty

Faculty: Craniofacial Surgery and Midas Rex Certification. St. Louis University School of Medicine, Practical Anatomy and Surgical Technique Workshop of St. Louis, Midas Rex Institute (December 10-14, 1992)

11/1992 - 11/1992 Advanced Neurosurgery Workshop for Operating Room Personnel Post Graduate Clinical Faculty

Faculty: Advanced Neurosurgery Workshop for Operating Room Personnel; St. Louis University School of Medicine; Practical Anatomy and Surgical Technique Workshop of St. Louis, Midas Rex Institute (November 21-24, 1992)

08/1992 - 08/2002 Neurosurgery Topics (3rd year) Graduate Lecturer

Lecturer: Neurosurgery topic (3rd year); University of Missouri School of Medicine; Columbia, MO (1992-2002)

08/1992 - 05/1992 Neuroscience II Graduate Lecturer

Lecture: Neuroscience II (2nd year class); University of Missouri School Medicine; Columbia, MO (1992)

08/1988 - 05/1989 Neuroscience Course Graduate Lecturer

Instructor: Neuroscience Course (2nd year class); Temple University School of Medicine; Philadelphia, PA (1988-1989)

OTHER TEACHING:

- 11/2012 - 11/2012 Workshop on Endoscopic Treatment of UT Health Science Center, 20
Craniosynostosis Dept of Neurosurgery
*Course Director, Workshop on Endoscopic Treatment of Craniosynostosis, November 15-16, 2012
San Antonio, TX*
- 03/2011 - 03/2011 Workshop on Endoscopic Treatment of Department of Neurosurgery,
Craniosynostosis UTHSCSA
*Course Director, Workshop on Endoscopic Treatment of Craniosynostosis, San Antonio TX, March
10-11, 2011*
- 10/2010 - 10/2010 Luncheon Seminar MO2, "Management of Craniosynostosis-Pro-Endoscopic Congress of Neurological
Approach" Surgeons' Annual Meeting
*Faculty Speaker, Luncheon Seminar MO2, "Management of Craniosynostosis-Pro-Endoscopic
Approach," Robert F. Keating, MD, Moderator. Congress of Neurological Surgeons' Annual
Meeting, San Francisco, CA, October 18, 2010.*
- 10/2010 - 10/2010 Practical Course 12, "Endoscopic Management of Craniosynostosis: A 14
Year Experience"
*Director, Practical Course 12, "Endoscopic Management of Craniosynostosis: A 14 Year
Experience", Congress of Neurological Surgeons' Annual Meeting, San Francisco, CA, October 17,
2010.*
- 10/2010 - 10/2010 Practical Course 12, "Endoscopic Management of Craniosynostosis: A 14 Congress of Neurological
Year Experience Surgeons' Annual Meeting
*Director, Practical Course 12, "Endoscopic Management of Craniosynostosis: A 14 Year
Experience", Congress of Neurological Surgeons' Annual Meeting, San Francisco, CA, October 17,
2010*
- 10/2010 - 10/2010 Management of Craniosynostosis-Pro-Endoscopic Approach Congress of Neurological
Surgeons' Annual Meeting
*Faculty Speaker, Luncheon Seminar MO2, "Management of Craniosynostosis-Pro-Endoscopic
Approach," Robert F. Keating, MD, Moderator. Congress of Neurological Surgeons' Annual
Meeting, San Francisco, CA, October 18, 2010*
- 10/2009 - 10/2009 Seminar on Craniosynostosis: Open vs.

Endoscopic Management

Faculty, Seminar on Craniosynostosis: Open vs. Endoscopic Management, Congress of Neurological Surgeons, Annual Meeting, New Orleans LA, October 26, 2009.

- 10/2009 - 10/2009 Chairperson, Practical Course on
Cranial Endoscopic Procedures
Chairperson, Practical Course on Cranial Endoscopic Procedures, Congress of Neurological Surgeons, Annual Meeting, New Orleans LA, October 25, 2009.
- 10/2009 - 10/2009 Practical Course on Cranial Endoscopic Congress of Neurological
Procedures Surgeons, Annual Meeting
Chairperson, Practical Course on Cranial Endoscopic Procedures, Congress of Neurological Surgeons, Annual Meeting, New Orleans LA, October 25, 2009
- 10/2009 - 10/2009 Seminar on Craniosynostosis: Open vs. Congress of Neurological
Endoscopic Management Surgeons, Annual Meeting
Faculty, Seminar on Craniosynostosis: Open vs. Endoscopic Management, Congress of Neurological Surgeons, Annual Meeting, New Orleans LA, October 26, 2009
- 09/2008 - 09/2008 Practical Course on Cranial Endoscopic Congress of Neurological
Procedures Surgeons, Annual Meeting
Course Director, Practical Course on Cranial Endoscopic Procedures, Congress of Neurological Surgeons, Annual Meeting, Orlando FL, September 21, 2008
- 09/2007 - 09/2007 Practical Course on Cranial Endoscopic Congress of Neurological
Procedures Surgeons, Annual Meeting
Chairperson, Practical Course on Cranial Endoscopic Procedures, Congress of Neurological Surgeons, Annual Meeting, San Diego, CA, September 16, 2007
- 05/2007 - 05/2007 Workshop on Endoscopic Treatment of Department of Neurosurgery,
Craniosynostosis UTHSCSA
Course Director, Workshop on Endoscopic Treatment of Craniosynostosis, San Antonio TX, May 3-4, 2007
- 03/2007 - 03/2007 Pediatric Neurosurgery Update 2007 Southern Neurosurgical
Society, Annual Meeting

Presenter, Pediatric Neurosurgery Update, 2007 Southern Neurosurgical Society, Annual Meeting, Sea Island, GA, March 16, 2007.

02/2007 - 02/2007 Pediatric Neurosurgery Review Course American Association of Neurological Surgeons
Moderator, Pediatric Neurosurgery Review Course, American Association of Neurological Surgeons, Memphis TN, February 9-11, 2007

10/2006 - 10/2006 Practical Course on Cranial Endoscopic Congress of Neurological Surgeons, Annual Meeting
 Procedures
Course Director, Practical Course on Cranial Endoscopic Procedures, Congress of Neurological Surgeons, Annual Meeting, Chicago IL, October 7, 2006

10/2006 - 10/2006 Endoscopic Treatment of Congress of Latin American Neurosurgeons Annual Meeting
 Craniosynostosis
Moderator, Endoscopic Treatment of Craniosynostosis, Congress of Latin American Neurosurgeons Annual Meeting, Buenos Aires, October 22, 2006.

10/2006 - 10/2006 Non-Syndromic Multiple Suture Congress of Latin American Neurosurgeons, Annual Meeting
 Craniosynostosis: Surgical Treatment Using Endoscopic Techniques
Non-Syndromic Multiple Suture Craniosynostosis: Surgical Treatment Using Endoscopic Techniques; Congress of Latin American Neurosurgeons, Annual Meeting, Buenos Aires, October 23, 2006

09/2006 - 09/2006 Workshop on Endoscopic Treatment of Department of Neurosurgery, UTHSCSA
 Craniosynostosis
Course Director, Workshop on Endoscopic Treatment of Craniosynostosis, San Antonio TX, September 14-15, 2006.

Group Instruction

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
01/2014 - 01/2014	Neuroanatomy - Anatomy Lab "Bicoronal Craniotomy"	UT Health Science Center	20

10/2013 - 10/2013	Neuroanatomy Lecture <i>Human Cerebroventricular System</i>	UT Health Science Center	30
09/2013 - 09/2013	Neuroanatomy "The Diencephalon"	UT Health Science Center	30
08/2013 - 08/2013	Neuroanatomy Lecture <i>Development of the Brain</i>	UT Health Science Center	30
08/2013 - 08/2013	Neuroanatomy "The Medulla"	UT Health Science Center	30
08/2013 - 08/2013	Neuroanatomy "The Mesencephalon"	UT Health Science Center	30
03/2011 - 03/2011	Endoscopic Treatment of Craniosynostosis <i>Course Director; Workshop on Endoscopic Treatment of Craniosynostosis, San Antonio, TX, March 10-11, 2011</i>	UT Health Science Center San Antonio Department of Neurosurgery	20
11/2010 - 11/2010	Neuroanatomy <i>Human Cerebroventricular System</i>	UT Health Science Center San Antonio	20
09/2010 - 09/2010	Quality Assurance	The University of Texas Health Science Center at San Antonio	20
06/2010 - 06/2010	"Peripheral Nerve: Radial & Ulnar Nerve"	The University of Texas Health Science Center at San Antonio	20
06/2010 - 06/2010	Endoscopic Ventricular Anatomy	The University of Texas Health Science Center at San Antonio	20

05/2010 - 05/2010	Cadaver Lab	The University of Texas Health Science Center at San Antonio	20
05/2010 - 05/2010	Brachial Plexus Cadaver Dissection	The University of Texas Health Science Center at San Antonio	20
04/2010 - 04/2010	"Peripheral Nerve: Brachial Plexus Surgery"	The University of Texas Health Science Center at San Antonio	20
03/2010 - 03/2010	Neuroanatomy: "Olfactory Pathways, Hippocampal Formation & The Amygdala"	The University of Texas Health Science Center at San Antonio	20
	<i>Neuroanatomy: Chapter 12, Olfactory Pathways, Hippocampal Formation & The Amygdala, Carpenter, 4th Ed.</i>		
02/2010 - 02/2010	Neuroanatomy: "The Diencephalon"	The University of Texas Health Science Center at San Antonio	20
	<i>Neuroanatomy: Chapter 9, The Diencephalon, Carpenter, 4th Ed.</i>		
01/2010 - 01/2010	Neuroanatomy: "The Mesencephalon"	The University of Texas Health Science Center at San Antonio	20
	<i>Neuroanatomy: Chapter 7: The Mesencephalon, Carpenter, 4th Ed.</i>		
05/2009 - 05/2009	Neuroanatomy: "Olfactory Pathways, Hippocampal Formation & the Amygdala"	The University of Texas Health Science Center at San Antonio	20
	<i>Neuroanatomy: Chapter 12, Olfactory Pathways, Hippocampal Formation & the Amygdala, Carpenter, 4th Ed.</i>		
03/2009 - 03/2009	Neuroanatomy: "The Mesencephalon"	The University of Texas Health Science Center at San	20

Antonio

Neuroanatomy: Chapter 7, The Mesencephalon, Carpenter, 4th Ed.

02/2009 - 02/2009 Neuroanatomy: "The Medulla" The University of Texas Health Science Center at San Antonio 20

Neuroanatomy: Chapter 10, The Medulla, Carpenter, 4th Ed.

09/2008 - 09/2008 Digital Masters Video Symposium, Endoscopic Management of Craniosynostosis Congress of Neurological Surgeons

09/2008 - 09/2008 Cases and Coffee with the Masters Congress of Neurological Surgeons

01/2008 - Present Neuroanatomy The University of Texas Health Science Center at San Antonio

Lecturer, Neuroanatomy, Pharmacology Track Graduate Program; 2008-present

09/2007 - 10/2007 Endoscopy in the Management of Craniosynostosis II Congress of Latin American Pediatric Neurosurgery

Acapulco Mexico

09/2007 - 10/2007 Complex Synostosis and their Management with Endoscopy II Congress of Latin American Pediatric Neurosurgery

Acapulco Mexico

05/2007 - 05/2007 Endoscopic Treatment of Craniosynostosis

Course director; workshop on Endoscopic Treatment of craniosynostosis, San Antonio, TX, May 3-4, 2007

02/2007 - 02/2007 Pediatric Neurosurgery Review Course

Moderator, Pediatric Neurosurgery Review Course, American Association of Neurological

Surgeons, Memphis TN, February 9-11, 2007

- 09/2006 - 09/2006 Workshop on Endoscopic Treatment of
Craniosynostosis
*Course Director, Workshop on Endoscopic Treatment of Craniosynostosis, San Antonio TX,
September 14-15, 2006*
- 05/2006 - 05/2006 4th Annual Center for Biomedical Center for Biomedical
Neuroscience Retreat Neuroscience
*Platform Speaker, 4th Annual Center for Biomedical Neuroscience retreat, San Antonio, TX, May
10, 2006*
- 01/2006 - Present Medical Neurosciences Course The University of Texas
Health Science Center at San
Antonio
Lecturer, Medical Neuroscience Course (1st year class); 2006-present
- 10/2005 - 10/2005 Endoscopic Craniosynostosis World Congress of
Endoscopic Surgery of the
Brain, Skull Base and Spine
*Panelist, "Endoscopic Craniosynostosis." World Congress of Endoscopic Surgery of the Brain,
Skull Base and Spine, Pittsburgh, PA, October 2, 2005.*
- 10/2005 - 10/2005 Intracranial Endoscopy Congress of Neurological
Surgeons Annual Meeting
*Director, Practical Course, Intracranial Endoscopy, Congress of Neurological Surgeons, Annual
Meeting, Boston MA, October 8-9, 2005*
- 06/2005 - 06/2005 Neuroendoscopy and Cystic Lesions: 3rd World Conference of the
Part II International Study Group on
Neuroendoscopy
*Moderator, Session V, "Neuroendoscopy and Cystic Lesions: Part II." 3rd World Conference of the
International Study Group on Neuroendoscopy, Marburg, Germany, June 16, 2005*
- 04/2005 - 04/2005 Congenital Craniofacial Deformities AANS Annual Meeting
Panelist, "Congenital Craniofacial Deformities." American Association of Neurological Surgeons,

Annual Meeting, New Orleans, LA, April 18, 2005

- 04/2005 - 04/2005 Complications of Pediatric Craniofacial Surgery AANS Annual Meeting
Discussant, "Complications of Pediatric Craniofacial Surgery." American Association of Neurological Surgeons, New Orleans, LA, April 18, 2005
- 04/2005 - 04/2005 Complex Cranio Orbital Tumor Lesions AANS Annual Meeting
Panelist, "Complex Cranio Orbital Tumor Lesions." American Association of Neurological Surgeons, New Orleans, LA, April 19, 2005
- 05/2004 - 05/2004 Endoscopic Management of Intraventricular Lesions AANS Annual Meeting
Moderator, Breakfast Seminar. Endoscopic Management of Intraventricular Lesions. American Association of Neurological Surgeons, Annual Meeting, Orlando, FL, May 3, 2004.

Individual Instruction

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
08/2013 - 05/2014	Longitudinal Preceptorship <i>Student Preceptor: Elissa Prado ID 0524667</i>	UT Health Science Center	1
08/2013 - 05/2014	Longitudinal Preceptorship <i>Student Preceptor: Tiffany Brown</i>	UT Health Science Center	1
08/2012 - 05/2013	Longitudinal Preceptorship <i>Student Preceptor: Elissa Prado ID 0524667</i>	UT Health Science Center	1

Undergraduate Student Supervision

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
08/2013 - 05/2014	Trinity College Students	UT Health Science Center	6

Kelsey Kirkman Philip Lavere Thomas Tyler Patterson Emily Nelson Kelly Hewes Cody Wolfe

01/2013 - 05/2013	Trinity College Students <i>Kelsey Kirkman Philip Lavere</i>	UT Health Science Center	2
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Visiting Graduate Students

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
09/2013 - 09/2013	Visiting Graduate Student <i>Student - Charles Miller</i>	UT Health Science Center	1
08/2013 - 09/2013	Visiting Graduate Student <i>Student - Vikram Chauravarthy</i>	UT Health Science Center	1
03/2009 - 03/2009	Visiting Clinical Professor <i>March 26-27, 2009</i>	New York University, New York, NY	
03/2007 - 03/2007	Visiting Clinical Professor <i>March 29-30, 2007</i>	University of Toronto, Toronto, CA	
12/2006 - 12/2006	Visiting Clinical Professor <i>December 19-20, 2006</i>	University of Pittsburgh, Pittsburgh, PA	
02/2006 - 02/2006	Visiting Clinical Professor <i>February 16-17, 2006</i>	Universtiy of Mississippi, Jackson, MS	
04/2004 - 04/2004	Visiting Clinical Professor <i>Visiting Clinical Professor; Louisiana State University; Shreveport, LA; April 21, 2004</i>	Louisiana State University	

11/2002 - 11/2002 Visiting Clinical Professor Indiana University
Visiting Clinical Professor; Indiana University; Indianapolis, Indiana; November 15, 2002

10/2000 - 10/2000 Visiting Clinical Professor University of Nebraska
Visiting Clinical Professor; University of Nebraska; Omaha, Nebraska; October 27, 2000

01/2000 - 01/2000 Visiting Clinical Professor Loyola University
Visiting Clinical Professor; Loyola University, Chicago; January 18, 2000

03/1999 - 04/1999 Visiting Clinical Professor Javeriana University School
of Medicine
*Visiting Clinical Professor; Javeriana University School of Medicine; Bogota, Columbia; March 29-
April 2, 1999*

11/1998 - 11/1998 Visiting Clinical Professor Neurological Institute: Kitano
Hospital; Osaka, Japan
*Visiting Clinical Professor; Neurological Institute: Kitano Hospital; Osaka, Japan; November 16-17,
1998*

08/1998 - 08/1998 Visiting Clinical Professor Children's Hospital-Little
Rock, AR
Visiting Clinical Professor; Children's Hospital; Little Rock, AR; 0817-18, 1998

03/1998 - 03/1998 Visiting Clinical Professor Temple University
Visiting Clinical Professor; Temple University; Philadelphia, PA; March 12-13, 1998

05/1997 - 05/1997 Visiting Clinical Professor University of Costa Rica,
Children's Hospital
Visiting Clinical Professor; University of Costa Rica; Children's Hospital; May 12-15, 1997

03/1995 - 03/1995 Visiting Clinical Professor University of Virginia ,

Charlottesville

Visiting Clinical Professor; University of Virginia-Charlottesville; March 2-3, 1995

RESEARCH

EXPERTISE:

General Neurosurgery - Complex and minimally invasive adult spine, brain tumors, epilepsy, peripheral nerve surgery.

Pediatric Neurosurgery - Craniofacial surgery, brain tumors, epilepsy, congenital cranial deformities.

PROJECTS:

Clinical Research

01/2008- Present Chiari Malformation, Chiari Malformation, 2008-present

01/2005- Present Intra-arterial Flushing Procedure, Developed an intra-arterial "flushing" procedure to locally infuse ischemic territory prior to reperfusion, leading to a significant reduction in brain injury in experimental stroke, 2005-present

Clinical Trials

08/1999- 05/2001 Strata valve for treatment of hydrocephalus multicenter clinical study, Strata valve for treatment of hydrocephalus multicenter clinical study (1999-2001)

Collaborative Research

01/2005- 01/2008 Combined Therapeutic Role of the TNF-HSP (heat shock protein)-ERK, Combined therapeutic role of the TNF-HSP(heat shock protein)-ERK cascade elicited during exercise in regulating the apoptotic and inflammatory pathways, 2005-2008

01/2005- Present Cerebral Integrity in Peripheral Thermal Injury, Cerebral integrity in peripheral thermal injury by evaluating injurious effect of peripheral thermal injury on blood-brain barrier (BBB) integrity and the role of inflammatory process in neurovascular unit dysfunction, 2005- present

01/2005- Present Effect of Physical Exercise and Mental Stress on Outcome of Brain Damage, Study the effect of physical exercise and mental stress on outcome of brain damage after stroke, 2005-present

- 01/2005- Present Tumor Necrosis Factor-alpha (TNF-a), Tumor necrosis factor-alpha (TNF-a) on breakdown of cerebrovascular integrity by up-regulating matrix metalloproteinases (MMPs) through the activation of extracellular signal-regulated kinase 1 and 2 (ERK1/2), 2005-present
- 08/1999-05/2002 Relationship between breast and bottle feeding on posterior plagiocephaly, Relationship between breast and bottle feeding on posterior plagiocephaly (1999-2002)
- 08/1999-05/2001 Comparison of infant behavior and irritability pre and post endoscopic stri, Comparison of infant behavior and irritability pre and post endoscopic strip craniectomies (1999-2001)
- 01/1999-12/1999 Effect of implantation length and frequency of system change on ventriculos, Effect of implantation length and frequency of system change on ventriculostomy infection rate (1999)
- 01/1999-12/1999 Outcomes on cranial morphology after endoscopic release of stenosed sagitta, Outcomes on cranial morphology after endoscopic release of stenosed sagittal, metopic, coronal and lamboid sutures (1999)
- 01/1997-12/1997 Co-investigator: Efficacy and Safety of CERESTAT, Co-Investigator: Efficacy and Safety of CERESTAT (aptiganel HCL) as a Neuroprotective following Severe Traumatic Brain Injury (1997)
- 08/1978-05/1979 Research Laboratory Assistant, Research laboratory assitant; Department of Psychobiology; Temple University (1978-1979)
- 08/1976-05/1977 Neuroanatomical and Neuroendocrinologic Studies, Neuroandatomical and Neuroendocrinologic Studies with Correlation to Maternal Behavior and Sexual Behavior of Prenatally Stressed Offspring in Rats; Department of Biology; Psychobiology Section; Temple University; under the direction of Lorraine Herrenkohl, Ph.D., (1976-1977)

Departmental Projects

- 08/1990-05/1991 In Vivo Study of the Cerebral Pial Microcirculation Using Fluorescein Label, In Vivo Study of the Cerebral Pial Microcirculation Using Fluorscein Labeled Albumin, Somatosensory Evoked Potentials and Cerebral Blook Glow in the Analysis of Ionic and Non-Ionic Compounds on Vascular Diameter , Permeability, Platelet Aggregation; Departments of Neurosurgery and Physiology; Temple University School of Medicine; under the direction of Robert Rosenwasser, M.D. and Ronald Tuma, Ph.D., (1991-1992)

Other

- 08/1991-05/1992 Brain Tumor Cell Library, Brain Tumor Cell Library; Immunohistochemical Characterization of CNS Neoplasms; Brain Tumor Research Laboratory; Department of Neurosurgery; Montefiore Medical Center; under the direction of Paul Kornblith, M.D. and margaret Bradley, Ph.D. (1991-1992)

Posters

04/2014-04/2014 Research Poster, A Departmental Policy for Appropriate Use of Intraoperative Neuromonitoring for Spinal Surgery

Hawksworth SA, Andrade NS, Son CT, Bartanusz V, Jimenez DF,

04/2014-04/2014 Research Poster, Potential Micro-RNA Regulation of Water Homeostasis in Traumatic Spinal Cord Injury

Karl Janick, Viktor Bartanusz, MD, PhD, David Jimenez, MD, FACS, Murat Digicaylioglu, MD, PhD

04/2014-04/2014 Research Poster, Decompressive Footplate Cervical Laminectomy: Technique and Outcomes

Byron C. Branch, MD, David Jimenez, MD

PUBLICATIONS: (indicates Peer Reviewed)**

Abstract

1. Talley Watts L, Sprague S, Zheng W, Garling RJ, Jimenez D, Digicaylioglu M, Lechleiter J.. Purinergic 2Y1 receptor stimulation decreases cerebral edema and reactive gliosis in a traumatic brain injury model. PubMed; 2013 Jan. p. 55-66. (Neurotrauma; vol. 30, no. 1).

* 2. M. Guo, Caron MD FRCSC FACS J, Jimenez DF, Ding Y. Increased Cerebral Metabolism in Exercise-Induced Neuroprotection After Stroke 2008. p. 86-86. (Cerebrovascular Diseases; vol. 25, no. S2).

3. Barone CM, Jimenez DF, Helling, Eric. What is the Incidence of Hypertelorism In Filipino Frontonasal Encephalocele Patients? (Oasis Abstract).

Book Chapter

1. Jimenez DF, Barone CM. Encephaloceles, Meningoceles, and Dermal Sinuses In: A. Leland Albright, Ian F. Pollack, P. David Adelson. Principles and Practice of Pediatric Neurosurgery 3rd Edition. New York, NY: Thieme; 2015. p. 205 - 229.

2. Jimenez DF, Savage, JG, Samuelson, M. Chapter 7: Developmental Anomalies: Arachnoid Cysts, Dermoids, and Epidermoids In: Principles of Neurological Surgery 3rd ed.. Philadelphia PA: Elsevier Saunders; 2012. p. 127 - 135.

* 3. Rogers JN, Barone CM, Jimenez DF. Scaphocephaly/Sagittal Synostosis: Endoscopic Wide Vertex Craniectomy In: Chapter 9: Scaphocephaly / Sagittal Synostosis, In: Controversies in Pediatric Neurosurgery, GI Jallo, KF Kothbauer, and G Pradilla, Eds.

New York, New York: Thieme; 2010.

- * 4. Jimenez DF, Barone CM. Endoscopic Techniques for Craniosynostosis In: Atlas of the Oral and Maxillofacial Surgery Clinics. New York: Elsevier Inc.; 2010.
- 5. Jimenez DF, Barone CM. Endoscopic Treatment of Craniosynostosis In: Jimenez DF, Barone CM. In Youmans: Youmans Neurological Surgery. In Press: 2009.
- 6. Jimenez DF, Barone CM, Goodrich JT. Treatment of Lamboid Synostosis with Calvarial Reconstructive Techniques In: Jimenez DF, Barone CM, Goodrich JT. Neurosurgical Operative Atlas: Pediatric Neurosurgery. New York: Thieme; 2008. p. 190 - 193.
- 7. Jimenez DF. Endoscopic approaches to the ventricular system In: Jimenez DF. Neurosurgical Operative Atlas: Pediatric Neurosurgery. New York: Thieme; 2008. p. 215 - 226.
- 8. Jimenez DF, Barone CM, Goodrich JT. Exorbitism In: Jimenez DF, Barone CM, Goodrich JT. Neurosurgical Operative Atlas: Pediatric Neurosurgery. New York: Thieme; 2008. p. 76 - 82.
- 9. Jimenez DF, Barone CM, Goodrich JT. Orbital Hypertelorism and Orbital Dystopia In: Jimenez DF, Barone CM, Goodrich JT. Neurosurgical Operative Atlas: Pediatric Neurosurgery. New York: Thieme; 2008. p. 88 - 95.
- 10. Jimenez DF, Loftus T. Endoscopic carpal tunnel release In: Jimenez DF, Loftus T. In: Midha R, Zager E: Surgery of Peripheral Nerve: A Case Based Approach. New York: Thieme; 2008.
- 11. Jimenez DF, Barone CM. Treatment of Lamboidal Synostosis with Calvarial Reconstructive Techniques In: Neurosurgical Operative Atlas: Pediatric Neurosurgery. New York: Thieme; 2008.
- 12. Barone CM, Jimenez DF. Encephaloceles, meningoceles and dermal sinuses. In: Albright: Principles and Practice of Pediatric Neurosurgery, 2nd edition.. New York: Thieme; 2007. p. 233 - 253.
- 13. Jimenez DF. Endoscopic Carpal Tunnel Release via A Biportal Approach In: Jimenez DF. Neurosurgical Operative Atlas. New York: Thieme; 2007. p. 323 - 330.
- 14. Jimenez DF, Nottmeier E. Repair of Diastematomyelia In: Fessler RG (ed). Atlas of Neurosurgical Techniques: Spine and Peripheral Nerves. New York: Thieme Medical Publishers; 2006. p. 759 - 764.
- 15. Jimenez DF, Bernard C. Posttraumatic Carotid Cavernous Sinus Fistulas In: Holck DE (ed). Evaluation and Treatment of Orbital Fractures: A Multidisciplinary Approach. W.B. Saunders Company; 2006.
- 16. Jimenez DF. Endoscopic Techniques in the Management of Carpal Tunnel Syndrome

In: P Black, M Proctor (eds). Minimally Invasive Neurosurgery. Humana Press; 2005. p. 385 - 400.

- * 17. Jimenez DF, Barone CM, McGee ME. Design and Care of Helmets in Postoperative Craniosynostosis Patients: Our Personal Approach In: Clinics in Plastic Surgery. New York: Elsevier; 2004. p. 481 - 487.
- 18. Jimenez DF, Barone CM. The Role of Endoscopy in Craniofacial Surgery In: Lin K (ed). Craniofacial Surgery: Science and Surgical Technique. Philadelphia: W.B. Saunders Company; 2002. p. 173 - 187.
- 19. Jimenez DF, Barone CM.. Encephaloceles, Meningocele and Dermal Sinuses In: Operative Techniques in Pediatric Neurosurgery. New York: Thieme Medical Publishers; 2001. p. 37 - 50.
- 20. Jimenez DF, Teff R.. Extranural Metastasis In: Keating RF, Goodrich JT, Packer R (eds). Tumors of the Pediatric Central Nervous System. New York: Thieme Medical Publishers; 2001. p. 367 - 375.
- 21. Jimenez DF, Barone CM.. Encaphaloceles, Meningocele and Dermal Sinuses In: Albright AL, Pollack EF, Adelson PD. Principles and Practice of Pediatric Neurosurgery. New York: Thiem Medical Publishers; 1999. p. 189 - 208.
- 22. Jimenez DF. Endoscopy for carpal tunnel decompression In: Jimenez DF. Endoscopy of the Peripheral Nervous System. New York: Thieme Medical Publishers; 1998. p. 215 - 231.
- 23. Jimenez DF. Endoscopic carpal tunnel release through a biportal approach In: Jimenez DF. Neurosurgical Operative Atlas. American Association of Neurological Surgeons; 1998. p. 149 - 156.
- 24. Jimenez DF. Endoscopic approaches to the ventricular system In: Jimenez DF. Neurosurgical Operative Atlas. American Association of Neurological Surgeons; 1997. p. 65 - 74.
- 25. Jimenez DF, Barone CM, Argamaso RV, Goodrich JT. Surgical treatment of lambdoid synostosis In: Jimenez DF, Barone CM, Argamaso RV, Goodrich JT. Neurosurgical Operative Atlas. American Association of Neurological Surgeons; 1995. p. 209 - 214.
- 26. Jimenez DF, Goodrich JT. Neurosurgery concepts In: Jimenez DF, Goodrich JT. General Surgery Board Review 2nd Edition. New York: Raven Press; 1993. p. 377 - 391.
- 27. Barone CM, Aragamaso RV, Jimenez DF, Goodrich JT. Correction of exorbitism In: Barone CM, Aragamaso RV, Jimenez DF, Goodrich JT. Neurosurgical Operative Atlas. 1992. p. 391 - 396.
- 28. Barone CM, Argamaso RV, Jimenez DF, Goodrich JT. Correction of orbital hypertelorism and orbital dystopia In: Barone, CM, Aragamaso RV, Jimenez DF,

Goodrich JT. Neurosurgical Operative Atlas. 1992. p. 435 - 442.

29. Jimenez DF. Evaluation of the patient undergoing neurosurgery In: Rosenwasser RH, Jimenez DF, Getch CD, Brown FH. Evaluation of the patient undergoing neurosurgery. New York: McGraw Hill; 1989. p. 125 - 137.

Book/Monograph

1. Jimenez DF, Barone CM. Endoscopic Approach to Coronal Craniosynostosis Elsevier; 2004.
2. Jimenez DF. Intracranial Endoscopic Neurosurgery Park Ridge, IL: American Association of Neurological Surgeons Publications; 1998.

Journal Article

1. Hawksworth S, Andrade N, Son C, Bartanusz V, Jimenez DF. Julius goodman resident award 135 a conservative policy of intraoperative neuromonitoring for spinal surgery: costs and outcomes. Neurosurgery 2014 Aug;61 Su:203-204.
2. Dengler BA, Jimenez DF, Bartanusz V. Reabsorption of a Calcified Herniated Nucleus Pulposus in a 14-Year-Old Boy. J Pediatr 2013 Oct
3. Jimenez DF. Early treatment of coronal synostosis with endoscopy-assisted craniectomy and postoperative cranial orthosis therapy: 16-year experience. J Neurosurg Pediatr 2013 Sep;13(3)
4. Jimenez DF, Barone CM. Endoscopic technique for sagittal synostosis Childs Nerv Sys 2013 Sep;28(9):1333-1339.
- * 5. Fletcher L, Evans TM, Watts LT, Jimenez DF, Digicaylioglu M. Rapamycin treatment improves neuron viability in an in vitro model of stroke. PLoS One 2013 Jul;8(7):68281-68281.
6. Jimenez DF, Barone CM. Bilateral endoscopic craniectomies in the treatment of an infant with Apert syndrome. J Neurosurg Pediatr 2012 Oct;10(4):310-314.
7. Jimenez DF, Barone CM. Endoscopic technique for coronal synostosis. Childs Nerv Syst 2012 Sep;28(9):1429-1432.
8. Ziu M, Savage JG, Jimenez DF. Diagnosis and treatment of cerebrospinal fluid rhinorrhea following accidental traumatic anterior skull base fractures. Neurosurg Focus 2012 Jun;32(6):3-3.
9. Jimenez DF, Barone CM. Letter to the Editor: Helmets and synostosis. J Neurosurg Pediatr 2012 Apr;9(4):458-459.
10. Jimenez DF. Editorial: Endoscopes and helmets: yes or no? J Neurosurg Pediatr 2012 Mar;9(3):219-220.

11. Scranton RA, Fletcher L, Sprague S, Jimenez DF, Digicaylioglu M. The rostral migratory stream plays a key role in intranasal delivery of drugs into the CNS. PLoS One 2011 Apr;6(4):18711-18711.
- * 12. Scranton, R.A., Fletcher, L., Sprague, S., Jimenez DF, Digicaylioglu MH. The Rostral Migratory Stream Plays a Key Role in Intranasal Delivery of Drugs into the CNS PLoS ONE 2011 Apr
13. Ziu M, Fletcher L, Rana S, Jimenez DF, Digicaylioglu M. Temporal differences in microRNA expression patterns in astrocytes and neurons after ischemic injury. PLoS One 2011 Feb;6(2):14724-14724.
14. Liebelt B, Papapetrou P, Ali A, Guo M, Ji X, Peng C, Rogers R, Curry A, Sprague S, Jimenez DF, Ding Y.. Exercise Preconditioning Reduces Neuronal Apoptosis in Stroke by Up-regulating HSP-70 (HSP-72) and ERK 1/2 Neuroscience 2010 Apr;166(4):1091-100.
15. Jimenez DF, Barone CM. Multiple-suture nonsyndromic craniosynostosis: early and effective management using endoscopic techniques. Journal of Neurosurgery. Pediatrics. 2010 Mar;5(3):223-231.
- * 16. Lauren Fletcher, M.S., Sanjivan Kohli, M.D., Augusto Parra, M.D., David Jimenez, M.D., Murat Digicaylioglu, M.D., Ph.D.1. Intranasal Delivery of Erythropoietin plus Insulin-Like Growth Factor-I for Acute Neuroprotection in Stroke Journal of Neurosurgery 2009 Jul;111(1):164-70.
17. Reyes R, Guo M, Swann K, Shetgeri SU, Sprague SM, Jimenez DF, Barone CM, Ding Y. Role of tumor necrosis factor-alpha and matrix metalloproteinase-9 in blood-brain barrier disruption after peripheral thermal injury in rats. Journal of Neurosurgery 2009 Jun;110(6):1218-26.
18. Patel TH, Sprague S, Lai Q, Jimenez DF, Barone CM, Ding Y. 2008 j44 Neurosci Lett 2008 Oct;444(3):222-226.
19. Hayes K, Sprague S, Guo M, Davis W, Friedman A, Kumar A, Jimenez DF, Ding Y. Forced, not voluntary, exercise effectively induces neuroprotection in stroke. Acta Neuropathol 2008 Mar;115(3):289-296.
- * 20. Jimenez DF, Barone CM, Cartwright CC, Rogers J. Midline Management in Craniosynostosis Using Endoscopic Techniques Pan-Arab J of Neurosurgery 2008:65-81.
- * 21. Guo M, Cox B, Mahale S, Davis W, Carranza A, Hayes K, Sprague S, Jimenez DF, Ding Y-C. Pre-ischemic Exercise Reduces Matrix Metalloproteinase (MMP)-9 Expression and Ameliorates Blood Brain Barrier Dysfunction in Stroke Neuroscience 2008 Jan;151(2):340-351.
- * 22. Guo M, Lin V, Davis W, Huang T, Carranza A, Sprague S, Reyes R, Jimenez DF, Ding

Y.. Pre-ischemic Induction of TNF-a by Physical Exercise Reduces Blood Brain Barrier (BBB) Dysfunction in Stroke Journal of Cerebral Blood Flow and Metabolism 2008;28:1422-1430.

23. Jimenez DF, Barone CM. Early treatment of anterior calvarial craniosynostosis using endoscopic-assisted minimally invasive techniques. Childs Nerv Syst 2007 Dec;23(12):1411-1419.
24. Berger J, Sprague SM, Wu Y, Davis WW, Jimenez DF, Barone CM, Ding Y. Peripheral thermal injury causes early blood-brain barrier dysfunction and matrix metalloproteinase expression in rat. Neurol Res 2007 Sep;29(6):610-614.
25. Barone CM, Jimenez DF, Helling ER, Laskey AL. What is the incidence of hypertelorism in Filipino frontonasal encephalocele patients? J Craniofac Surg 2007 Mar;18(2):268-273.
26. Swann K, Berger J, Sprague SM, Wu Y, Lai Q, Jimenez DF, Barone CM, Ding Y. Peripheral thermal injury causes blood-brain barrier dysfunction and matrix metalloproteinase (MMP) expression in rat. Brain Res 2007 Jan;1129(1):26-33.
- * 27. Davis W, MahaleS, Carranza A, Cox B, Hayes K, Jimenez DF, Ding Y-C.. Exercise Ameliorates BBB Dysfunction in Stroke by Enhancing Basal Lamina Neurological Res. 2007;29(4):382-387.
28. Reyes R, Wu Y, Lai Q, Mrizek M, Berger J, Jimenez DF, Barone CM, Ding Y. Early inflammatory response in rat brain after peripheral thermal injury. Neurosci Lett 2006 Oct;407(1):11-15.
- * 29. Reyes Jr. R, Wu YM, Lai Q, Mrizek M, Berger J, Jimenez DF, Barone CM, Ding Y. Early Inflammatory Response in Rat Brain after Peripheral Thermal Injury Neuroscience Letters 2006;407(1):11-15.
30. Jimenez DF, Barone CM, McGee ME. Design and care of helmets in postoperative craniosynostosis patients: our personal approach. Clinics in Plastic Surgery 2004 Jul;31(3):481-487.
31. Barone CM, Jimenez DF. Endoscopic approach to coronal craniosynostosis. Clin Plast Surg 2004 Jul;31(3):415-422.
- * 32. Jimenez DF, Barone CM, McGee ME. Endoscopy-assisted wide-vertex craniectomy , barrel stave osteotomies, and postoperative helmet molding therapy in the management of sagittal suture craniosynostosis. Journal of Neurosurgery (5 Suppl Pediatrics) 2004 May;100:407-17.
- * 33. Cartwright CC, Jimenez DF, Barone CM, Baker L. Endoscopic stip craniectomy: A minimally invasive treatment for early correction of craniosynostosis. Journal of Neuroscience Nursing 2003 Jun;V. 35(N3):130-138.
34. Morenski JD, Tobias JD, Jimenez DF. Recombinant activated factor VII for cerebral

injury-induced coagulopathy in pediatric patients. Report of three cases and review of the literature. J Neurosurg 2003 Mar;98(3):611-616.

35. Jimenez DF. Report from the Immediate Past Chairman. Neurosurgery 2003;4(4)
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46. Barone CM, Jimenez DF, Huxley VH, Yang XF. In vivo visualization of cerebral microcirculation in systemic thermal injury. J Burn Care Rehabil 2000;21(1 Pt):20-25.
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Not Specified

1. Gloor, Nancy King, Fletcher, Lauren M., Sprague, Shane, Sayre, Naomi L., Jimenez DF, Digicaylioglu MH. Aquaporin 4 in Edema After Traumatic Brain Injury: Expression, Regulation, and Treatment Nature Neuroscience 2014 Mar
2. Dengler BA, Jimenez DF, Bartanusz V. Reabsorption of a calcified herniated nucleus pulposus in a 14-year-old boy. J Pediatr 2014 Feb;164(2):424-424.
3. Jimenez DF, Barone CM. Cranial orthosis therapy. Response. J Neurosurg Pediatr 2013 Sep;12(3):205-206.
4. Bartanusz V, Ziu M, Jimenez DF, Henry JM. Calcifying pseudoneoplasm of the atlantoaxial joint in a child. J Neurosurg Spine 2013 Apr;18(4):367-371.
5. Ziu, M, Jimenez DF. The history of autologous fat graft use for prevention of cerebrospinal fluid rhinorrhea after transsphenoidal approaches World Neurosurgery 2012 Aug
6. Goodwin I., Sivakumar W., Blagg R., Riva-Cambrin J., Siddiqi F., Gociman B. . Pancraniosynostosis following endoscopic-assisted strip craniectomy for sagittal suture craniosynostosis in the setting of poor compliance with follow-up Pediatric Neurosurgery

Other

1. Jimenez DF, Savage JG, Barone CM. Surgical Management of Craniosynostosis: Sagittal Suture Part 1 Contemporary Neurosurgery 2008 Nov;30(23)
2. Jimenez DF. Neurosurgical Workforce AANS Neurosurgery 2008 May;17(1):41-43.
3. Jimenez DF. Texas Neurosurgical Workforce Survey Results Texas Association of Neurological Surgeons News 2008 Feb
4. Jimenez DF. Texas Teaches That Tort Reform Works AANS Bulletin 2006 Jul
5. Barone CM, Jimenez DF. Were featured in "One Day Six Health Institutions: Unlimited Possibilities." Around the clock, The University of Texas System's six health campuses train students, treat patients, and search for new answers to age-old diseases. Texas Monthly 2005 Nov:97-104.
6. Jimenez DF. Chairman's Corner American Association Neurological Surgeons Neurosurgery News 2003;4(2)
7. Jimenez DF. A State in Crisis: Learning the Scope of the Problem American Association of Neurological Surgeons Bulletin 2003
8. Jimenez DF. Letter to Editor, Liability Monster, Inc. Disappears Surgeons The Wall Street Journal 2002 Oct

9. Jimenez DF. CSNS Report, The PLI Problem: Current Data American Association of Neurological Surgeons Bulletin 2002
10. Jimenez DF. Chairman's Corner Neurosurgery News 2002;3(2)
11. Jimenez DF. Be it Resolved -Neurosurgeons Unite, Tackling Challenges to Their Livelihood American Association of Neurological Surgeons Bulletin 2002
12. Jimenez DF. Learning about leverage. American Association of Neurological Surgeons Bulletin 2001;10(3)
13. Jimenez DF, Ries JM. New educational products. American Association of Neurological Surgeons 2001;10(3)
14. Jimenez DF. Chairman's Corner: The Resolution Neurosurgery News 2001;2(6)
15. Jimenez DF. CSNS Highlights American Association of Neurological Surgeons 2001;10(4)
16. Jimenez DF. Neurosurgical Fellowships American Association of Neurological Surgeons Bulletin 1999 May;Spr.
17. Jimenez DF. Sectional anatomy of the head and neck with correlative diagnostic imaging Neurosurgery 1995;37(6):1229-1229.
18. Jimenez DF. Chairman's Corner Neurosurgery News

PRESENTATIONS:

- 05/2014 Traumatic Brain Injury: Pathophysiology Following Event and Current Treatment Protocols, Traffic Safety Conference, Texas A&M Transportation Institute, San Antonio, TX (Keynote Speaker)
- 04/2014 Entrapment Neuropathies, 82nd AANS - Expanding Neurosurgery, San Francisco, CA (Sole Presenter)
- 11/2013 Contract Negotiation with Hospitals and Insurers, 41st Annual Meeting of the American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Pediatric Neurological Program, AANS/CNS, St. Louis, MO (Panel)
- 11/2013 Keynote Presentation, 4th Annual CORE4 STEM Expo, Latino Day, San Antonio Hispanic Chamber of Commerce, San Antonio, TX (Keynote Speaker)
- Details: Inspiring young, at-risk San Antonio students to explore future careers in Science, Technology, Engineering and Mathematics.***

- 11/2013 , Cartagena Colombia, Cartagena, Colombia (Sole Presenter)
- 10/2013 Masters of Cranial Neuroendoscopy, CSNS Fall Meeting, San Francisco, CA (Sole Presenter)
- 09/2013 , 15th World Federation of Neurosurgical Societies, WFNS, Seoul, Korea, Democratic Peoples Republic Of (Sole Presenter)
- 07/2013 Tratamiento Endoscopico Del Sindrome Del Tunel Del Carpo, XXII Congreso Mexicano de Cirugia Neurologica, Neuroendocoy, Soledad Mexicana De Cirugia Nerologica A.C., Ixtapa Zihuatanejo, Mexico (Sole Presenter)
- 05/2013 Craniosynostosis, Hospitals in Kyrgyzstan, Kyrgyzstan (Invited Speaker)
- 04/2013 Intracranial Endoscopy, 2013 AANS Annual Scientific Meeting, American Association of Neurological Surgeons, AANS, New Orleans, LA (Panel)
- 03/2013 , 2013 Texas Association of Neurological Surgeons Annual Meeting, TANS, Horseshoe Bay, TX (Sole Presenter)
- 11/2012 Contract Negotiation with Hospitals and Insurers, AANS/CNS Pediatric Neurosurgery Conference, Pediatric Neurosurgery, AANS/CNS, St. Louis, MO (Panel)
- 08/2012 Surgical Management of Entrapped Median Nerve: Endoscopic Approaches, VI International Congress of Neuroendoscopy, Oaxaca, Mexico (Sole Presenter)
- 08/2012 Comprehensive Video Presentation: Endoscopic Management of Craniosynostosis, VI International Congress of Neuroendoscopy, Oaxaca, Mexico (Sole Presenter)
- 08/2012 Sixteen Year Experience: Results and Outcomes in the Management of Craniosynostosis, VI International Congress of Neuroendoscopy, Oaxaca, Mexico (Sole Presenter)
- 03/2012 Colloid Cysts, Annual Meeting Texas Association of Neurological Surgeons, Texas Association of Neurological Surgeons (TANS), Houston, TX (Sole Presenter)
- 03/2012 CSNS Update, Annual Meeting Texas Association of Neurological Surgeons, Texas Association of Neurological Surgeons (TANS), Houston, TX (Sole Presenter)
- 02/2012 NERVES: Practice Plan Database, 35th Annual Meeting of the American Society of Pediatric Neurosurgeons, American Society of Pediatric Neurosurgeons, Rio Grande, PR , Puerto Rico (Invited Speaker)
- 02/2012 Intracranial Pressure in Symptomatic Chiari I Patients, 35th Annual Meeting of the American

Society of Pediatric Neurosurgeons, American Society of Pediatric Neurosurgeons, Rio Grande, PR , Puerto Rico (Invited Speaker)

- 01/2012 Clinical Excellence - Neurosciences, Vanguard Health Systems Combined National Physician Leadership Council & Medical Staff Leadership Conference, Care Reliability: The Next Step in the Quality Journey, Vanguard Health Systems, Scottsdale, AZ (Invited Speaker)
- 09/2011 Craniosynostosis, Oral and Maxillofacial Surgery Residents, University of Texas Health Science Center San Antonio, San Antonio, TX (Invited Speaker)
- 09/2011 Early Treatment of Coronal Synostosis with Endoscopic-Assisted Craniectomies and Postoperative Orthotic Helmet Therapy: 15 Year Experience, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Video Session with the Master 4, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Management of Metopic Craniosynostosis and Trigenocephaly Using Endoscopic Assisted Techniques in Young Infants, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Management of Non-Traumatic Intracerebral Hematomas: Present Statu, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Video Session with the Master 7, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Endoscopic Treatment of Craniosynostosis, 14th Interim Meeting of the World Federation of Neurosurgical Societies, World Federation of Neurosurgical Societies, Recife, Brazil (Sole Presenter)
- 09/2011 Management of Metopic Craniosynostosis and Trigenocephaly Using Endoscopic Assisted Techniques in Young Infants, 14th World Federation of Neurosurgical Societies and the 15th Congress of Continuous Education of the Brazilian Society of Neurosurgery, Word Federation of Neurosurgical Societies, Brazil (Co-Author)

Details: *Author*

- 04/2011 Congenital Hydrocephalus with Massive Macrocephaly in a Ten-Month-Old: A Case Report on Airway Management, SPA/AAP Pediatric Anesthesiology 2011, Society for Pediatric Anesthesiology, San Diego, CA (Co-Author)

Details: *Poster presented at The Society for Pediatric Anesthesiology.*

01/2011 What is Carpal Tunnel Syndrome?, San Antonio OASIS, San Antonio OASIS, San Antonio OASIS, San Antonio, TX (Invited Speaker)

Details: *OASIS is a national education organization dedicated to enriching the lives of adults age 50 and older through lifelong learning and service. Offering stimulating programs in the arts, humanities, health, technology and volunteer service, OASIS brings people together to learn, lead and contribute in their communities.*

12/2010 State of the Art III: Craniofacial Surgery, 39th Annual Meeting of the AANS/CNS, Section on Pediatric Neurological Surgery, American Association of Neurological Surgeons / Congress of Neurological Surgeons, Cleveland, OH (Sole Presenter)

10/2010 Intracranial Endoscopy, Congress of Neurological Surgeons Annual Meeting, CA (Co-Presenter)

Details: *Course Director; Practical Course on Intracranial Endoscopy, October 17, 2010*

10/2010 Craniosynostosis (Open versus Endoscopic Management), Congress of Neurological Surgeons Annual Meeting, San Francisco, CA

Details: *Faculty, Seminar on Craniosynostosis: Open vs. Endoscopic Management, October 18, 2010*

10/2010 , 34 Congreso Latinoamericano de Neurocirujia, San Salvador, El Salvador (Invited Speaker)

10/2010 Abordaje Minimamente Invasivo en la Craneosinostosis, 34 Congreso Latinoamericano de Neurocirujia, San Salvador, El Salvador (Invited Speaker)

10/2010 Management of Craniosynostosis-Pro-Endoscopic Approach, Congress of Neurological Surgeons' Annual Meeting, Congress of Neurological Surgeons, San Francisco, CA (Invited Speaker)

Details: *Faculty Speaker, Luncheon Seminar MO2, "Management of Craniosynostosis-Pro-Endoscopic Approach," Robert F. Keating, MD, Moderator. Congress Neurological Surgeon's Annual Meeting, San Francisco, CA, October 18, 2010.*

08/2010 "Neuroendoscopy", Neurosciences Grand Rounds Conference, Department of Neurosurgery, The University of Texas Health Science Center, San Antonio, TX (Sole Presenter)

05/2010 "Chiari I Malformation", Neurosciences Grand Rounds Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)

10/2009 Craniosynostosis: Open vs. Endoscopic Management, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA

Details: *Faculty, Seminar on Craniosynostosis: Open vs. Endoscopic Management, October 26, 2009*

- 10/2009 Cranial Endoscopic Procedures, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)
Details: *Chairperson; Practical Course on Cranial Endoscopic Procedures, October 25, 2009*
- 08/2009 Video Symposium: Masters of Neurosurgery, World Federation of Neurosurgical Societies, Boston, MA (Invited Speaker)
Details: *August 30, 2009*
- 08/2009 Endoscopic Craniofacial Surgery, World Federation of Neurosurgical Societies, Boston, MA (Invited Speaker)
Details: *Guest speaker; Pediatric Neurosurgery Review, August 30, 2009*
- 08/2009 Advances in Pediatric Craniosynostosis Surgery, World Federation of Neurosurgical Societies, Boston, MA (Invited Speaker)
Details: *August 30, 2009*
- 02/2009 Medical Malpractice Law Suits: "Defensive Documentation", Neurosciences Grand Rounds Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 02/2009 "Anatomy and Effectiveness of the 'Resolution' ", Texas Association of Neurological Surgeons Annual Meeting, Austin, TX (Invited Speaker)
Details: *February 27, 2009*
- 11/2008 The Successful Synergy of Endoscopic Surgery and Post-Operative Cranial Remolding Orthoses for Infants with Craniosynostosis, STARscanner Summit Meeting, Orlando, FL (Keynote Speaker)
Details: *November 06, 2008*
- 11/2008 Insulin-like Growth Factor-I Mediated Translocation and Regulation of PDK-1 in Neurons, Society for Neuroscience 2008 38th Annual Meeting, Department of Neurosurgery Research Laboratory, UT Health Science Center San Antonio, Washington, DC (Co-Author)
- 11/2008 Intranasal Delivery of Erythropoietin plus Insulin-Like Growth Factor I for Acute Neuroprotection in Stroke, Society for Neuroscience 2008 38th Annual Meeting, Department of Neurosurgery Research Laboratory, UT Health Science Center San Antonio, Washington, DC (Co-Author)
- 11/2008 IGFBP-2 Protein Expression in Post-Stroke Adult Mouse Brain, Society for Neuroscience 2008 38th Annual Meeting, Department of Neurosurgery Research Laboratory, UT Health Science Center San Antonio, Washington, DC (Co-Author)

- 09/2008 Sinostosis Complejas Y Su Manejo Temprano Con Endoscopia, II Congreso Latinoamericano de Neurocirugia Pediatrica, Acapulco, Mexico (Sole Presenter)
Details: *Guest Speaker; September 29, 2008*
- 09/2008 Cranial Endoscopic Procedures, Congress of Neurological Surgeons Annual Meeting, Orlando, FL (Sole Presenter)
Details: *Course director; Practical course on Cranial Endoscopic Procedures, September 21, 2008*
- 09/2008 "La Endoscopia En El Manejo De La Sinostosis", II Congreso Latinoamericano de Neurocirugia Pediatrica, Acapulco, Mexico (Sole Presenter)
Details: *Guest Speaker; September 29, 2008*
- 05/2008 "Iwo Jima: Portrait of a Battle", Texas Association of Neurological Surgeons Annual Meeting, Texas Association of Neurological Surgeons, San Antonio, TX (Invited Speaker)
- 04/2008 Texas Neurosurgeon's Workforce Status in 2007, Council of State Neurosurgical Societies Meeting, Council of State Neurosurgical Societies, Chicago, IL (Panel)
- 12/2007 Basic Science: "The Medulla", Neurosciences Grand Rounds Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 12/2007 Basic Science: "The Pons", Neurosciences Grand Rounds Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 10/2007 Basic Science: Neuroanatomy ch. 4, "Tracts of The Spinal Cord cont' " Core Text of Neuroanatomy, 4th ed., Carpenter, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 10/2007 Physical Exercise and Ischemic Tolerance in Stoke, American Academy of Neurological Surgeons Annual Meeting, American Academy of Neurological Surgeons, Las Vegas, NV (Co-Presenter)
- 10/2007 CSNS Resident Delegate Survey 2008 Results, Council of State Neurosurgical Societies Meeting, CSNS, Chicago, IL (Invited Speaker)
- 10/2007 Endoscopic assisted wide vertex craniectomies in the treatment of sagittal minimally invasive strip craniectomies, International Workshop on Neurosurgical Endoscopy, Istanbul, Turkey (Invited Speaker)
- 10/2007 Clinical Case Review, International Workshop on Neurosurgical Endoscopy, Istanbul, Turkey (Invited Speaker)

- 09/2007 Basic Science: Neuroanatomy ch.3, "Spinal Cord: Gross Anatomy and Internal Structure" Core Text of Neuroanatomy, 4th ed., Carpenter, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 09/2007 Basic Science: Neuroanatomy ch. 4, "Tracts of The Spinal Cord" Core Text of Neuroanatomy, 4th ed., Carpenter, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 09/2007 La Endoscopia de la Sinostosis Lamboidea, II Congreso Latinamericano de Neurocirugia Pediatrica, Acapulco, Mexico (Invited Speaker)
- 09/2007 Pre-ischemic Upregulation of TNF- α induced by Physical Exercise Reduces Brain Inflammation via ERK1/2 Signaling in Stroke, 2007 Medical Student Research Day, UTHSCSA, San Antonio, TX
- 09/2007 Interplay of TNF- α , HSP-70 and ERK 1/2 provides neuroprotection from stroke following physical exercise, 2007 Medical Student Research Day, UTHSCSA, UTHSCSA School of Medicine, San Antonio, TX (Co-Presenter)
- 09/2007 Expression of MMP-9 in the Rat Brain Following Peripheral Thermal Injury, 2007 Medical Student Research Day, UTHSCSA, UTHSCSA School of Medicine, San Antonio, TX (Co-Presenter)
- 09/2007 PCR Array Analysis of Gene Expression after Stroke In Exercised vs. Non-Exercised Rats, 2007 Medical Student Research Day, UTHSCSA, UTHSCSA School of Medicine, San Antonio, TX (Co-Presenter)
- 09/2007 Physical Exercise Reduces Matrix Metalloproteinase-9 (MMP-9) Activity and Neuronal Apoptosis via Extracellular Signal Regulated Kinase 1 and 2 (ERK1/2) Activation in Stroke, 2007 Medical Student Research Day, UTHSCSA School of Medicine, San Antonio, TX (Co-Presenter)
- 09/2007 Toll-Like Receptor 4 Expression during Exercise Preconditioning and its Neuroprotective Effect in Stroke, 2007 Medical Student Research Day, San Antonio, TX (Co-Presenter)
- 09/2007 Cranial Endoscopic Procedures, Congress of Neurological Surgeons Annual Meeting, San Diego, CA (Sole Presenter)
Details: Chairperson; September 16, 2007
- 08/2007 Basic Science: Neuroanatomy ch.1, "Meninges and Cerebrospinal Fluid" Core Text of Neuroanatomy, 4th ed., Carpenter, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)

- 08/2007 Basic Science: Neuroanatomy ch. 2, "Gross Anatomy of The Brain" Core Text of Neuroanatomy, 4th ed., Carpenter, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 08/2007 Socioeconomic Conference, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 06/2007 Basic Science: "The Pons", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 06/2007 Neurosurgical Grand Rounds: "Neuroembryology", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 05/2007 Pediatric Neurosurgery: Meet the Experts – Update on Management of Craniosynostosis, 2008, American Association of Neurological Surgeons Annual Meeting, American Association of Neurological Surgeons, Chicago, IL (Invited Speaker)
- 04/2007 "State of the Neurosurgery Workforce", Texas Association of Neurological Surgeons Annual Meeting, Texas Association of Neurological Surgeons, Dallas, TX (Invited Speaker)
- 04/2007 Role of Tumor Necrosis Factor (TNF) – α in brain damage caused by peripheral thermal injury in rats, American Association of Neurological Surgery Annual Meeting, American Association of Neurological Surgery, Washington, DC (Co-Presenter)
- 04/2007 Peripheral Thermal Injury Causes Blood Brain Barrier Dysfunction Associated with Expression of Matrix Metalloproteinase (MMP) in Rat, American Association of Neurological Surgery Annual Meeting, American Association of Neurological Surgery, Washington, DC (Co-Presenter)
- 04/2007 Role of Matrix Metalloproteinase-9 (MMP-9) in Blood Brain Barrier (BBB) Dysfunction and Extracellular Matrix (ECM) Degradation in Thermally Injured Rats, American Association of Neurological Surgery Annual Meeting, American Association of Neurological Surgery, Washington, DC (Co-Presenter)
- 04/2007 Anti-Tumor Necrosis Factor-alpha inhibits Blood Brain Barrier Dysfunction Resulting from Expression of Tissue Plasminogen Activator Following Peripheral Thermal Injury, American Association of Neurological Surgery Annual Meeting, American Association of Neurological Surgery, Washington, DC (Co-Presenter)
- 03/2007 "The Medulla", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)

- 03/2007 Pediatric Neurosurgery Update, 2007 Southern Neurosurgical Society Annual Meeting, Southern Neurosurgical Society, Sea Island, GA (Sole Presenter)
- 02/2007 Single Suture Synostosis, Diagnosis and Treatment, AANS Pediatric Neurosurgery Review Course for Residents, American Association of Neurological Surgeons, Memphis, TN (Invited Speaker)
- 02/2007 Distraction Technology/Cranial Fixation, AANS Pediatric Neurosurgery Review Course for Residents, American Association of Neurological Surgeons, Memphis, TN (Invited Speaker)
- 02/2007 Introduction to Hydrocephalus Syndromes, AANS Pediatric Neurosurgery Review Course for Residents, American Association of Neurological Surgeons, Memphis, TN (Invited Speaker)
- 02/2007 Endoscopic Craniosynostosis Techniques, AANS Pediatric Neurosurgery Review Course for Residents, American Association of Neurological Surgeons, Memphis, TN (Invited Speaker)
- 01/2007 Ten Year Experience Treating Craniosynostosis Using Minimally Invasive Endoscopic Assisted Techniques, American Society of Pediatric Neurosurgeons Annual Meeting, American Society of Pediatric Neurosurgeons, Lanai Clty, HI (Co-Presenter)
- 12/2006 Plenary Session, Consensus on Pediatric Neurosurgery and Craniofacial Surgery, Rome, Italy (Panel)
- 12/2006 "Medical Board Disciplinary Actions", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 12/2006 Ten Year Experience Treating Craniosynostosis Using Minimally Invasive Endoscopic Assisted Techniques, Consensus Conference on Pediatric Neurosurgery, Rome, Italy (Co-Presenter)
- 10/2006 Reduced brain edema and matrix metalloproteinase (MMP) expression by pre-reperfusion infusion into ischemic territory in r, Congress of Neurological Surgeons Annual Meeting, Congress of Neurological Surgeons, Chicago, IL (Co-Presenter)
- 10/2006 Disruption of basal lamina in blood brain after peripheral thermal injury is associated with expression of matrix metalloproteinase (MMP) in rat, Congress of Neurological Surgeons Annual Meeting, Congress of Neurological Surgeons Annual Meeting, Chicago, IL (Co-Presenter)
- 10/2006 Non-Syndromic Multiple Suture Craniosynostosis: Surgical Treatment Using Endoscopic Techniques, Congress of Latin American Neurosurgeons Annual Meeting, Bueno Aires, Argentina (Sole Presenter)

Details: October 23, 2006

- 10/2006 Cranial Endoscopic Procedures, Congress of Neurological Surgeons Annual Meeting, Chicago, IL (Sole Presenter)
Details: *Course director; October 07, 2006*
- 10/2006 Endoscopic Treatment of Craniosynostosis, Congress of Latin American Neurosurgeons Annual Meeting, Buenos Aires, Argentina (Sole Presenter)
Details: *Moderator; October 22, 2006*
- 09/2006 Workshop on the Endoscopic Treatment of Craniosynostosis, University of Texas Health Science Center at San Antonio, San Antonio, TX (Co-Presenter)
- 07/2006 Spinal Cord Tracts, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 06/2006 "Prioritizing a Research Agenda for Craniosynostosis", Centers for Disease Control and Prevention, Atlanta, GA (Sole Presenter)
Details: *Participant; June 8-9, 2006*
- 06/2006 Socioeconomic Conference "Resource Based Relative Value Scale", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Invited Speaker)
- 05/2006 Hydrocephalus: Past, Present and Future, Texas Association of Neurological Surgeons Annual Meeting, Texas Association of Neurological Surgeons, Houston, TX (Invited Speaker)
- 05/2006 Reduced brain edema and matrix metalloproteinase (MMP) expression by pre-reperfusion infusion into ischemic territory in rat, 51st Annual Meeting of the Plastic Surgery Research Council, Dana Point, CA (Co-Presenter)
- 05/2006 Platform Speaker, 4th Annual Center for Biomedical Neuroscience Retreat, San Antonio, TX (Sole Presenter)
Details: *May 10, 2006*
- 04/2006 Basic Science: "Embryology of The Central Nervous System", Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 03/2006 Spinal Cord: "Gross Anatomy and Internal Structure, Ch. 3" Core Text of Neuroanatomy, 4th ed., Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 03/2006 Hydrocephalus and Shunts, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)

- 02/2006 Use of Orthotics in the Management of Craniosynostosis, 4th Annual Craniofacial Lecture, Departments of Neurosurgery and Plastic Surgery, University of Mississippi Medical Center, Jackson, MS (Keynote Speaker)
- 02/2006 Treatment of Frontal Encephaloceles Using a Nasional Craniotomy, 4th Annual Craniofacial Lecture, Departments of Neurosurgery and Plastic Surgery, University of Mississippi Medical Center, Jackson, MS (Invited Speaker)
- 02/2006 "Nasofrontal Encephaloceles", Educational Neuroscience Grand Rounds, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 01/2006 Physical Examination I: Peripheral Nervous System, Educational Neuroscience Conference, Department of Neurosurgery, UTHSCSA, San Antonio, TX (Sole Presenter)
- 12/2005 "Hydrocephalus", Southwest Research Institute Seminar, Southwest Research Institute, San Antonio, TX (Invited Speaker)
- 12/2005 "Craniosynostosis", Grand Rounds, Department of Neurosurgery, University of Pittsburgh Medical Center, Pittsburgh, PA (Invited Speaker)
- 10/2005 "Endoscopic Craniosynostosis", World Congress of Endoscopic Surgery of the Brain, Skull Base and Spine, Pittsburgh, PA (Sole Presenter)
Details: *Panelist; October 02, 2005*
- 10/2005 Intracranial Endoscopy, Congress of Neurological Surgeons Annual Meeting, Boston, MA (Sole Presenter)
Details: *Director; practical course. October 8-9, 2005*
- 06/2005 Neuroendoscopy and Cystic Lesions: Part II, 3rd World Conference of the International Study Group on Neuroendoscopy, Germany
Details: *Moderator, Session V, Neuroendoscopy and Cystic Lesions: Part II. Marburg, Germany, June 16, 2005*
- 04/2005 Congenital Craniofacial Deformities, American Association of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)
Details: *Panelist; April 18, 2005*
- 04/2005 Complications of Pediatric Craniofacial Surgery, American Association of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)
Details: *Discussant; April 18, 2005*
- 04/2005 Complex Cranio Orbital Tumor Lesions, American Association of Neurological Surgeons Annual

Meeting, New Orleans, LA (Sole Presenter)

Details: *Panelist; April 19, 2005*

05/2004 Endoscopic Management of Intraventricular Lesions, American Association of Neurological Surgeons Annual Meeting, Orlando, FL (Sole Presenter)

Details: *Moderator; breakfast seminar. May 03, 2004*

10/2003 Craniosynostosis, Congress of Neurological Surgeons Annual Meeting, Denver, CO (Sole Presenter)

Details: *Moderator; luncheon seminar. October 21, 2003*

04/2003 New and Controversial Techniques in the Management of Cranial Synostosis. "Endoscopic Management of Complex Craniosynostosis", American Association of Neurological Surgeons Annual Meeting, San Diego, CA (Sole Presenter)

Details: *Moderator; breakfast seminar, April 29, 2003*

11/2002 Update on socioeconomic issues affecting the practice of Neurosurgery in 2002, Indiana State Neurosurgical Society Annual Meeting, Indiana State Neurosurgical Society, Indianapolis, IN (Invited Speaker)

04/2002 EMTALA Regulations: Clarification and Discussion of How They Affect Your Neurosurgical Practice and Your Life, American Association of Neurological Surgeons Annual Meeting, Chicago, IL (Sole Presenter)

Details: *Moderator; Frank Z. Bagan Special Symposium*

02/2002 Controversies in Peripheral Nerve Disorders: Surgery for Carpal Tunnel Syndrome, AANS/CNS Annual Meeting, Miami, FL (Sole Presenter)

Details: *Panelist; American Association of Neurological Surgeons and Congress of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, February 28, 2002*

10/2001 Craniosynostosis: Controversies in Treatment, Congress of Neurological Surgeons Annual Meeting, San Diego, CA (Sole Presenter)

Details: *Faculty, October 01, 2001*

09/2001 Endoscopic Carpal Tunnel Techniques, Congress of Neurological Surgeons Annual Meeting, San Diego, CA (Sole Presenter)

Details: *Course director, September 30, 2001*

09/2001 Intracranial Endoscopy, Congress of Neurological Surgeons Annual Meeting, San Diego, CA (Sole Presenter)

Details: Course director, September 30, 2001

09/2000 Intracranial Neuroendoscopy, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX (Sole Presenter)

Details: Course director, September 24, 2000

04/2000 Controversies in the Management of Craniosynostosis, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA (Sole Presenter)

Details: Panelist, breakfast seminar. April 7-14, 2000

04/2000 Basic Craniofacial Techniques, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA (Sole Presenter)

Details: Course director, April 09, 2000

04/2000 Advanced Craniofacial Techniques, American Association of Neurological Surgeons, San Francisco, CA (Sole Presenter)

Details: Course director, April 09, 2000

04/2000 Intracranial Endoscopy Practical Clinic, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA (Sole Presenter)

Details: Faculty, April 10, 2000

04/2000 Principles and Techniques of Examination and Evaluation of the Peripheral Nerve, American Association of Neurological Surgeons Annual Meeting, San Francisco, CA (Sole Presenter)

Details: Course director, April 08, 2000

11/1999 Craniosynostosis: Controversies in Treatment, Congress of Neurological Surgeons Annual Meeting (Sole Presenter)

Details: Faculty. Luncheon seminar, November 01, 1999

04/1999 Endoscopy for the "Adult" Neurosurgeon, American Association of Neurological Surgeon's Annual Meeting, New Orleans, LA (Sole Presenter)

Details: Faculty. Panelist, Breakfast Seminar. April 25, 1999.

04/1999 Contemporary Surgical Technique for Carpal Tunnel Syndrome, American Association of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)

Details: April 24-29, 1999

04/1999 Treatment Options for Primary and Recurrent Arachnoid Cysts, American Association of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)

Details: Panelist, breakfast seminar. April 24-29, 1999

06/1998 Peripheral Nerve-Endoscopic Carpal Tunnel, Spinal Research & Education Foundation 10th Annual Workshop (Sole Presenter)

Details: Faculty, Spinal Research & Education Foundation 10th Annual International Spine Workshop, June 07, 1998

09/1997 Craniosynostosis, Controversies in Treatment, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA (Sole Presenter)

Details: Faculty Speaker, Luncheon Seminar 123/124, John Jane, MD, Moderator. September 29, 1997

RESEARCH GRANTS:

Private

Project #:

Funding Agency: Medtronic PS Medical

Title: Strata Valve Clinical Study

Status: Complete

Period: 10/1999 - 06/2000

Role: Co-Investigator

% Effort:

Total Costs: \$50,000.00

Grant Detail:

Project #:

Funding Agency: SmithKline Beecham Pharmaceuticals

Title: A Multicenter, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of SB-2385-DB (Bradycor) in Patients with Severe Traumatic Brain Injury

Status: Complete

Period: 01/1996 - 12/1997

Role: Co-Investigator

% Effort:

Total Costs: \$128,456.00

Grant Detail:

Project #:

Funding Agency: Children's Medical Network Telethon, University of Missouri-Columbia

Title: The Effect of Thermal Injury on Cerebral Permeability and Vascular Reactivity

Status: Complete

Period: 04/1993 - 04/1994

Role:

% Effort:

Total Costs: \$10,600.00

Grant Detail:

Project #:

Funding Agency: Children's Miracle Network
Title: Pediatric Neurological Injury Program
Status: Complete
Period: 02/1993 - 03/1993
Role: Principal Investigator **% Effort:**
Total Costs: \$10,000.00
Grant Detail:

Project #:
Funding Agency: Children's Miracle Network
Title: Cerebral response to remote thermal injury
Status: Complete
Period: / - 05/1998
Role: Co-Investigator **% Effort:**
Total Costs: \$8,840.00
Grant Detail:

Project #:
Funding Agency: Children's Miracle Network
Title: In-hospital Dental Program
Status: Complete
Period: / - 02/1998
Role: Co-Investigator **% Effort:**
Total Costs: \$12,000.00
Grant Detail:

Project #:
Funding Agency: Children's Miracle Network
Title: Effects of Methylmethacrylate on Cerebral Microcirculation
Status: Active
Period: / - 02/1997
Role: Co-Investigator **% Effort:**
Total Costs: \$2,200.00
Grant Detail:

Project #:
Funding Agency: Howmedica Leibinger
Title: Analysis of the Effects of BoneSource on Cerebral Permeability, Intravascular Leukocyte Adhesion, and Pial Vessel Size
Status: Complete
Period: / - 02/1997
Role: Co-Investigator **% Effort:**
Total Costs: \$8,000.00
Grant Detail:

Project #:

Funding Agency: Children's Miracle Network

Title: Support group for children and their families in the Craniofacial Program

Status: Complete

Period: / - 02/1997

Role: Co-Investigator

% Effort:

Total Costs: \$20,000.00

Grant Detail:

Project #:

Funding Agency: Children's Hospital Research Board

Title: Enhanced Health of Large Cranial Defects Using Distraction Osteosynthesis

Status: Complete

Period: / - 04/1995

Role: Principal Investigator

% Effort:

Total Costs: \$12,000.00

Grant Detail:

Project #:

Funding Agency:

Title: An Evaluation of Dural Adhesions after the Use of Interceed (TC7) Absorbable Adhesion Barrier and Modified Interceed Barrier (mITC7) in Rabbit Craniotomies

Status: Complete

Period: / - 06/1993

Role: Co-Investigator

% Effort:

Total Costs: \$5,000.00

Grant Detail:

State

Project #:

Funding Agency: University of Missouri-Columbia

Title: Faculty International Travel Fund

Status: Complete

Period: 10/1994 - 10/1994

Role: Co-Investigator

% Effort:

Total Costs: \$1,000.00

Grant Detail:

Project #:

Funding Agency: Research Council, University of Missouri - Columbia

Title: Pial Window in Thermally Injured Rats

Status: Complete

Period: 05/1993 - 06/1993

Role: Co-Investigator

% Effort:

Total Costs: \$3,000.00

Grant Detail:

Project #:
Funding Agency: University of Missouri-Columbia
Title: Alumni Faculty Development Incentive Award
Status: Complete
Period: 02/1993 - 02/1993
Role: % **Effort:**
Total Costs: \$1,000.00
Grant Detail:

Project #:
Funding Agency: University of Missouri Research Board
Title: Cerebral Vascular Response to Intermittent Ischemia
Status: Complete
Period: / - 12/1998
Role: Co-Investigator % **Effort:**
Total Costs: \$26,000.00
Grant Detail:

Project #:
Funding Agency: Research Board University of Missouri
Title: Thermal Injury on Cerebral Permeability and Vasculature
Status: Complete
Period: / - 02/1995
Role: Principal Investigator % **Effort:**
Total Costs: \$23,581.00
Grant Detail:

Project #:
Funding Agency: Children's Hospital Research Board
Title: Nasendoscopic Evaluation of the Airway in Children with Cleft Lip and Palate and Neurological Impairment
Status: Complete
Period: / - 04/1994
Role: Co-Investigator % **Effort:**
Total Costs: \$10,240.00
Grant Detail:

SERVICE

ADMINISTRATIVE RESPONSIBILITIES:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
11/2012-11/2012		Guest Examiner, Fall Oral Examinations	Examiner
		<i>Guest Examiner for Fall Oral Examinations</i>	

SERVICE TO THE INSTITUTION:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
11/2013-11/2016	University	GMEC Milestones Subcommittee	Committee Member

Subcommittee focuses on practical solutions to the implementation of the Milestones. Meets every 3rd Wednesday of each month.

04/2013-04/2013	University	Guest Speaker for Neruoscience/Neurosurgery Grand Rounds - Stanford University	Guest Speaker
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05/2009-09/2009	School	Advisor to Medical Student <i>Lindsey Williams; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2009-09/2009	School	Advisor to Medical Student <i>Matthew Swan; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2009-09/2009	School	Advisor to Medical Student <i>Samuel Overely; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2009-09/2009	School	Advisor to Medical Student <i>Jillian Heisler; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2008-09/2008	School	Advisor to Medical Student <i>Robert Hang; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2008-09/2008	School	Advisor to Medical Student <i>Robert Scranton; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2008-09/2008	School	Advisor to Medical Student <i>Mi Mickey Yang; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2008-09/2008	School	Advisor to Medical Student <i>Kyle Kalkwarf; University of Texas Health Science Center at San Antonio</i>	Advisor
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05/2008-09/2008	School	Advisor to Medical Student	Advisor
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Russell Hill; University of Texas Health Science Center at San Antonio

05/2007-09/2007 School Advisor to Medical Student Advisor

Kathryn Swann; University of Texas Health Science Center at San Antonio

05/2007-09/2007 School Advisor to Medical Student Advisor

Brian Cox; University of Texas Health Science Center at San Antonio

05/2007-09/2007 School Advisor to Medical Student Advisor

Seema Mahle; University of Texas Health Science Center at San Antonio

05/2007-09/2007 School Advisor to Medical Student Advisor

Tarak Patel; University of Texas Health Science Center at San Antonio

05/2007-09/2007 School Advisor to Medical Student Advisor

Alecia Curry; University of Texas Health Science Center at San Antonio

05/2007-05/2007 School Advisor to Medical Student Advisor

Siddharth Shetgeri; University of Texas Health Science Center at San Antonio

07/2006-09/2006 School Advisor to Medical Student Advisor

Raul Reyes; University of Texas Health Science Center at San Antonio

04/2005-09/2005 School Advisor to Medical Student Advisor

Scott Bell; University of Texas Health Science Center at San Antonio

01/2005-Present Mentor; Medical Hispanic Center of Excellence Mentor

Medical Student Mentorship Program, University of Texas Health Science Center at San Antonio, 2005-present

01/2005-Present School Faculty Advisor; School of Medicine Neurosciences Society Advisor

Universtiy of Texas Health Science Center, 2005-present

06/2004-06/2006 Advisor to Medical Student Advisor

Jennifer Gentry Savage; University of Texas Health Science Center at San Antonio

11/2003-11/2003 University Guest Examiner; Oral Boards Examiner

Guest Examiner: Oral Boards; American Board of Neurological Surgeons; Houston, TX; November 2003

09/2003-06/2004	School	Advisor to PhD Candidates	Advisor
<i>Advisor to Maria McGee, M.D.: Co-Director, Research and Thesis Committee (2003-2004)</i>			
01/2003-01/2004	University	Advisor to M-3 Class of 2004	Advisor
<i>Advisor to M-3 Class 2004, January 2003</i>			
01/2002-01/2003	University	Advisor to M-3 Class of 2003	Advisor
<i>Advisor to M-3 Class of 2003; January 2002</i>			
01/2001-01/2002	University	Advisor to M-3 Class of 2002	Advisor
<i>Advisor to M-3 Class of 2002; January 2001</i>			
01/2001-01/2002	Hospital	Advisor to Research Fellow and Graduate Students	Advisor
<i>Advisor to Mark Tiller, B.A.: Clinical Research Fellow (January 2001-January 2002)</i>			
01/2000-12/2001		Advisor to M-3 Class of 2001	Advisor
<i>Advisor to M-3 Class of 2001; University of Missouri-School of Medicine (January 2000-2001)</i>			
01/1999-12/2000		Advisor to M-3 Class of 2000	Advisor
<i>Advisor to M-3 Class of 2000; University of Missouri-School of Medicine (January 1999-2000)</i>			
01/1998-12/1999		Advisor to M-3 Class of 1999	Advisor
<i>Advisor to M-3 Class of 1999; University of Missouri-School of Medicine (January 1998-1999)</i>			
12/1995-12/1996	School	Advisor to Research Fellows and Graduate Students	Advisor
<i>Advisor to Adam Clapper, B.S.: Research Fellow (December 1995-1996)</i>			
06/1994-08/1996	Hospital	Advisor to Research Fellows and Graduate Students	Advisor
<i>Advisor to Smita Manusmare, B.A.: Research Fellow (June-August 1994, 1995, 1996)</i>			
09/1993-06/1994	School	Advisor to Research Fellows and Graduate Students	Advisor
<i>Advisor to Jason Jobe, B.S.: Research Fellow (September 1993-June 1994)</i>			
01/1993-12/1993	University	Advisor Senior Medical Student	Advisor
<i>Advisor Senior Medical Student, University Missouri School of Medicine (1993)</i>			
01/1981-12/1981	University	Medical School Freshman Class President	President
<i>Medical School Freshman Class President, Temple University School of Medicine; Philadelphia, PA</i>			

(1981)

01/1979-12/1979	University	President of Student Government	President
<i>President, Student Government, Temple University; Philadelphia, PA (1979)</i>			
01/1978-12/1978	University	Vice-President, Student Government	Vice-President
<i>Vice-President, Student Government, Temple University (1978)</i>			
08/1977-08/1978	University	Senator, Undergraduate Council of Liberal Arts	Representative
<i>Senator, Undergraduate Council of Liberal Arts, Temple University (1977-1978)</i>			
/ -Present	School	Advisor to Medical Student at University of Missouri Columbia	Advisor
<i>Tim Isaakson</i>			
/ -Present	School	Advisor to Medical Student at University of Missouri Columbia	Advisor
<i>Chris Neal</i>			
/ -Present	School	Advisor to Medical Student at University of Missouri Columbia	Advisor
<i>Mark Tiller</i>			
/ -Present	School	Advisor to Medical Student at University of Missouri Columbia	Advisor
<i>Tanya Jones</i>			

SERVICE TO THE PROFESSION:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
01/2012-Present	State	Immediate Past President Texas Association of Neurological Surgeons (TANS)	Immediate Past President
01/2011-Present	National	Council of State Neurosurgical Societies Chairman Finance Committee	Chair
12/2010-12/2011	National	Council of State Neurosurgical Societies Resident Fellow Mentor	Mentor
01/2010-12/2011	State	President of Texas Association of Neurological Surgeons (TANS)	President

Served as President to the Texas Association of Neurological Surgeons (TANS)

01/2009-12/2009	State	President-elect Texas Association of Neurological Surgeons (TANS)	President-Elect
01/2009-Present		Manuscript Reviewer	Reviewer
		<i>Neurosurgery, 2009-present</i>	
01/2006-Present		Reviewer	Reviewer
		<i>Journal of Physiology: Heart and Circulatory Physiology, 2006</i>	
01/2006-Present		Editorial Review Board	Editor
		<i>International Journal of Craniofacial Surgery, 2006</i>	
01/2005-Present		Reviewer	Reviewer
		<i>Bulletin Socioeconocmic Section, 2005-present</i>	
01/2005-Present		Manuscript Reviewer	Reviewer
		<i>Cleft Palate Craniofacial Journal, 2005-present</i>	
01/2000-Present		American Neurological Surgery Political Action Committee	Board Member
		<i>American Neurological Surgery Political Action Committte; Member of the Board of Directors, (2000-present)</i>	
05/1999-05/1999		Guest Examiner	Examiner
		<i>Guest Examiner: Oral Boards' American Board of Neurological Surgery; Baltimore, MD; May 1999</i>	
01/1999-Present		Editorial Advisory Board, Bulletin	Reviewer
		<i>American Association of Neurological Surgeons, 1999-present</i>	
03/1998-05/1998	International	International Preceptorship	Mentor
		<i>Isagani L. Cirilo, MD. Active consultant, Perpetual Help Medical Center, Medical Center Muntinlupa, St. Dominic Medical Center, Quezon City Medical Center, Manila, Philippines. Pediatric neurosurgery and craniofacial surgery, visiting assistant professor. University of Missouri hospitals and clinics. March-May, 1998</i>	
01/1998-01/1999		Acting Editor-in Chief	Editor-in-Chief
		<i>The Journal of Cranio-Maxiofacial Trauma, 1998-1999</i>	
01/1997-01/1999		Reviewer	Reviewer
		<i>American Association of Neurological Surgeons' on-line web site, 1997-1999</i>	
01/1997-Present		Manuscript Reviewer	Reviewer

Pediatric Neurosurgery, 1997-present

01/1997-Present Manuscript Reviewer Reviewer

Neurosurgical Focus, 1997-present

01/1997-Present Reviewer Reviewer

Surgical Neurology, 1997

01/1996-Present Associate Editor Editor

Yearbook of Neurology and Neurosurgery, 1996-present

01/1995-Present Book Reviewer Reviewer

Neurosurgery, 1995-present

10/1994-12/1994 International International Preceptorship Mentor

Teodoro Tigno, MD. Attending neurosurgeon Military Hospital, Manila Philippines. Pediatric Neurosurgery and Craniofacial Surgery, visiting assistant professor. University of Missouri Hospitals and Clinics. October-December 1994.

01/1994-01/2000 Editorial Board Editor

The Journal of Cranio-Maxillofacial Trauma-Neurosurgery Section, Senior editor, 1994-2000

/ -10/2014 Pediatric Neurosurgery Reviewer

*Manuscript type: Novel Insights from Clinical
>Practice entitled "Pancraniosynostosis following endoscopic-assisted
>strip craniectomy for sagittal suture craniosynostosis in the setting
>of poor compliance with follow-up" by Goodwin I., Sivakumar W., Blagg R., Riva-Cambrin J.,
Siddiqi F.,
>Gociman B.*

Paper could not be accepted for publication 10/1/14

/ -Present Editorial Board Editor

NEUROSURGERY://ON CALL, Joint Section on Pediatric Neurosurgery

SERVICE TO THE PUBLIC:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
08/2013-08/2013	Health Education	Career Exploration Workshop	Guest Speaker

Collaboration between UTHSC and St. Mary's University to present to high school students from Fox Tech High School and the Young Women's Leadership Academy.

10/2010-10/2010		Hydrocephalus Support for Hydro Angels Over Texas	Guest Speaker
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Invited Guest: Friday, October 1, 2010, 6:30 pm to 8:30 pm

01/1993-12/1998	Patient Care Community	Establishment of Craniofacial Program	Other
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Establishment of Craniofacial Program at St. Martid De Porres Charity Hospiral, Manila Philippines. Creating of multidisciplinary team and craniofacial program to surgical treat disadvantaged children with major nasofrintal encephaloceles; 15-20cases performed on a yearly basis during a 2-3 week period (1993-1998)

PROFESSIONAL AFFILIATIONS:

Dates

Organization

01/2006-Present

Society of University Neurological Surgeons

01/2006-Present

Society of Neurological Surgeons

01/2005-Present

Texas Association of Neurological Surgeons

/ -Present

American Association of Neurological Surgeons

/ -Present

American Cleft Palate-Craniofacial Association

/ -Present

American College of Surgeons

/ -Present

American Medical Association

/ -Present	American Society of Pediatric Neurosurgeons
/ -Present	Congress of Neurological Surgeons
/ -Present	International Society for Brain Edema Research
/ -Present	Council of State Neurosurgical Societies
/ -Present	Section on Neurotrauma and Critical Care (AANS & CNS)
/ -Present	Section on Pediatric Neurosurgery (AANS & CNS)
/ -Present	Missouri State Medical Association
/ -Present	Missouri State Neurosurgical Society
/ -Present	Central Missouri Regional Alliance
/ -Present	Southern Neurosurgical Society
/ -Present	American Association for the Advancement of Science

/ -Present

South Texas Chapter of the American College of Surgeons

COMMITTEES (OTHER):

DEPARTMENT

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2010-01/2011	Department of Surgery Chairman Search Committee, University of Texas Health Science Center San Antonio, School of Medicine, Surgery <i>Member, Department of Surgery Chairman Search Committee, University of Texas School of Medicine, 2010-2011</i>	Member
01/2010-Present	MSRDP Finance Committee, UT Medicine <i>MSRDP Finance Committee, San Antonio, TX, 2010 - present</i>	Member
01/2008-Present	Department of Neurology Chairman Search Committee, University of Texas Health Science Center, School of Medicine, UT Health Science Center San Antonio, School of Medicine, Department of Neurology	Member
01/2007-Present	Department of Medicine Chairman Search Committee, University of Texas Health Science Center, School of Medicine, 2007	Member
01/2006-01/2008	Medical Faculty Assembly Executive Committee, University of Texas Health Science Center at San Antonio, School of Medicine	Member
01/2006-Present	Department of Ophthalmology Chairman Search Committee; University of Texas Health Science Center at San Antonio, School of Medicine, 2006	Member

01/2005-Present	Medical School Research and Development Committee, The University of Texas Health Science Center at San Antonio, School of Medicine	Member
06/2004-06/2006	Graduate Medical Education Committee, University of Texas Health Science Center at San Antonio, 2004-2006	Member
06/2004-Present	Center for Biomedical Neurosciences Steering Committee, University of Texas Health Science Center at San Antonio, 2004-present	Member
01/2002-12/2002	Subcommittee on Electronic Medical Records, University of Missouri, Division of Neurological Surgery	Member
01/1999-12/1999	Department of Surgery Development, University of Missouri-Columbia, School of Medicine, Department of Surgery	Member
01/1997-12/1997	Chairman; Task Force of Progress Notes, Division of Neurological Surgery, University of Missouri Hospital and Clinics; Columbia, MO	Chair
08/1995-09/2003	Core Curriculum Committee on Surgical Education, University of Missouri, School of Medicine, Department of Surgery	Member
08/1995-08/1996	Chairman, Quality Management Committee, Children's Hospital, Columbia, MO; (1995-1996), University of Missouri	Chair
01/1995-01/1999	Secretary/Treasurer: Missouri State Neurosurgical Society	Officer
08/1994-08/1995	Search Committee for Pediatric Critical Care Intensivist, Department of Pediatrics-Child Health; University of Missouri; Columbia, MO, Department of Pediatrics-Child Health	Member
01/1993-01/1994	Pediatric Quality Improvement Committee Children's Hospital; University of Missouri; Columbia, MO (1993-1994)	Member

HOSPITAL

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2009-Present	Physician's Stakeholders Team; Universtiy Hospital, San Antonio, TX	Member
01/2009-Present	Leadership Academy for Physicians, Universtiy Health System, San Antonio, TX	Member
01/2008-Present	Consultation Process Improvement Committee; University Hospital, San Antonio, TX	Member
01/2007-Present	Trauma Services Multi-Disciplinary Peer Review Committee; University Hospital, San Antonio, TX	Member
01/2006-Present	Operating Room Executive Committee; University Hospital, San Antonio, TX	Member
01/2005-Present	Picture Archiving & Communications System (PACS) Committee, University Hospital; San Antonio, TX	Member
01/2005-Present	Operating Room Committee; Universtiy Hospital, San Antonio, TX	Member
01/2005-Present	Medical Staff Executive Committee; University Hospital, San Antonio, TX	Member
01/1996-12/1996	Children's Hospital Business Plan, Children's Hospital; Columbia, MO	Member
01/1996-12/1996	Children's Hospital Strategic Planning Committee; Children's Hospital; Columbia, MO	Member

08/1993-09/1995	Quality Management Committee, Children's Hospital; University of Missouri, Columbia, MO(1995), University of Missouri	Member
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OTHER

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
06/2013-Present	American Association of Neurological Surgeons Coding and Reimbursement Committee, American Association of Neurological Surgeons	Member
04/2012-Present	American Association Neurological Surgeons Emerging Technology Committee, American Association Neurological Surgeons	Member
04/2012-Present	American Association Neurological Surgeons Coding and Reimbursement Committee, American Association Neurological Surgeons	Member
04/2012-Present	American Association Neurological Surgeons Spine Section Rapid Response Committee, American Association Neurological Surgeons	Member
01/2011-Present	BioMed SA Neuroscience Subcommittee <i>BioMed SA Neuroscience Subcommittee</i>	Member
01/2011-Present	BioMed SA Healthcare Delivery Subcommittee <i>BioMed SA Healthcare Delivery Subcommittee</i>	Chair
01/2011-Present	Council of State Neurosurgical Societies Finance Committee <i>Council of State Neurosurgical Societies, Finance Committee</i>	Chair
01/2010-Present	Revenue Cycle Advisory Subommittee, UT Medicine <i>Revenue Cycle Advisory Subommittee</i>	Member

01/2010-Present	Texas Association of Neurological Surgeons <i>Texas Association of Neurological Surgeons</i>	President
01/2009-Present	Extra-Mural Committee, American Board of Neurological Surgeons	Member
01/2009-Present	World Congress of Neurologic Surgery; Alternate Delegate, American Association of Neurological Surgeons	Alternate
01/2009-Present	Professional Liability Subcommittee, University of Texas Health Science Center at San Antonio, School of Medicine, 2009	Member
01/2009-Present	Texas Association of Neurological Surgeons: President Elect, 2009-present	President
01/2009-Present	Class of XXVIII of the Governor's Executive Leadership Development Program; Selected by Governor Rick Perry, 2009	Member
01/2008-01/2011	International Outreach Committee, American Association of Neurological Surgeons	Member
01/2008-Present	Neurosurgery PAC Board, American Association of Neurological Surgeons	Member
01/2007-Present	Branding Subcommittee, University of Texas Health Science Center at San Antonio, School of Medicine, 2007	Member
05/2006-05/2006	Texas Association of Neurological Surgeons: Program Chair, Annual Meeting, May 4-6, 2006	Program Chair
01/2006-01/2009	Texas Association of Neurological Surgeons: Secretary, 2006-2009	Secretary

01/2006-Present	Council of State Neurosurgical Societies, American Association of Neurological Surgeons	Advisor
01/2005-01/2006	Department of Anesthesia Chairman Search Committee; University of Texas Health Science Center at San Antonio, School of Medicine, 2005-2006	Member
01/2005-01/2006	Texas Association of Neurological Surgeons: Vice-President, 2005-2006	Vice President
06/2004-06/2006	Ad Hoc Subcommittee, UPG Payer Mix, University of the Texas Science Center at San Antonio	Member
06/2004-06/2006	University Physician's Group (UPG) Board of Manager; San Antonio, TX	Member
06/2004-Present	Board of Directors, UT Medicine	Board Member
06/2004-Present	American Association of Neurological Surgeons Presidential Appointee, Council of State Neurosurgical Societies	Member
01/2004-12/2007	Education and Maintenance of Certification Committee, American Association of Neurological Surgeon	Member
01/2004-Present	Texas Association of Neurological Surgeons: Member	Member
01/2003-01/2004	Council of State Neurosurgical Societies; Immediate Past Chair	Chair
01/2001-12/2003	Executive, Ex-officio, Congress of Neurological Surgeons	Member
01/2001-12/2003	Humanitarian Award Committee, American Association of Neurological Surgeons	Member

01/2001-12/2003	Board of Directors, Ex Officio, American Association of Neurological Surgeons	Member
01/2001-12/2003	Chairman, Council of State Neurosurgical Societies	Chair
01/2001-12/2003	Ex-officio, Washington Committee of the American Association of Neurological Surgeons and Congress of Neurological Surgeons	Member
01/2001-12/2001	Liaison, 2001 Annual meeting Scientific Program Committee, Congress of Neurological Surgeons	Member
01/2000-01/2006	Annual Meeting Committee, American Association of Neurological Surgeons	Member
01/2000-01/2006	Scientific Program Subcommittee, American Association for Neurological Surgeons	Member
01/2000-01/2005	Joint Section, Abstract Review, Congress of Neurological Surgeons	Member
01/2000-05/2004	President: Missouri State Neurosurgical Society, Missouri State Neurosurgical Society	Chair
01/1999-01/2007	American Association of Neurological Surgeons Bulletin, Advisory Board	Advisor
01/1999-01/2006	Chairman, Education and Practice management Committee, American Association of Neurological Surgeons	Chair
01/1999-01/2006	Coordinating Committee of Continuing Education, American Association Neurological Surgeons	Member
01/1999-12/2001	Chairman, Reference Committee, Council of State Neurosurgical Societies	Chair

01/1999-12/2001	Vice Chairman, Council of Neurlogical Societies	Co-Chair
01/1999-12/2001	Electronic CME Subcommittee, American Association of Neurological Surgeons	Member
01/1999-12/2001	Education Committee Liaison, Publications Committee, American Association Neurological Surgeons	Representative
01/1999-12/2000	Executive Committee, Ex-officio, Congress of Neurological Surgeons	Member
01/1998-12/1999	Liaison to AANS Board of Directors, Young Neurosurgeons Committee, American Association Neurological Surgeons	Representative
01/1997-12/1999	Recording Secretary, Council of State Neurosurgical Societies	Officer
01/1997-12/1999	Chairman, Young Neurosurgeons Committee, American Association of Neurological Surgeons	Chair
01/1997-12/1998	Commission of Interspeciality Medicine, Missouri State Medical Association	Member
01/1997-12/1998	Continuing Education Committe, American Cleft Palate and Craniofacial Association	Member
01/1997-12/1997	Chairman, Subcommittee on Neurosurgical Fellowship (YNC): American Association for Neurological Surgeons (AANS)	Chair
01/1997-12/1997	AANS/CNS Task Force on Postgraduate Neurosurgical Training: American Association of Neurological Surgeons	Member
01/1997-Present	Communications and Education Committee, Council of State Neurosurgical Societies	Member

01/1996-01/1997	Secretary, Young Neurosurgeons Committee (1996-1997), American Association Neurological Surgeons	Officer
01/1996-12/1996	Registration Committee (AANS Annual Meeting): American Association Neurological Surgeons	Member
01/1995-01/2005	Executive Committee: Council of State Neurosurgical Societies	Member
01/1995-12/1999	Young Neurosurgeons Committee (YNC): American Association Neurological Surgeons	Member
01/1995-12/1997	Chairman, Committee on Neurosurgical Residency Education, Council of State Neurosurgical Societies	Chair
01/1995-12/1997	YNC Liaison, Coordinating Committee for Continuing Education: American Association Neurological Surgeons	Liaison
01/1995-12/1997	Chairman: Workforce Committee; Council of State Neurosurgical Societies	Chair
01/1995-12/1996	Subcommittee on Practice Guideline: Council of State Neurosurgical Societies	Member
01/1995-12/1995	Registration Committee, CNS Annual Meeting, Congress of Neurological Surgeons	Member
01/1995-12/1995	Registration Committee (AANS Annual Meeting): American Association Neurological Surgeons	Member
01/1994-12/2004	Southeast Quadrant Delegate: Council of State Neurosurgical Societies	Member
01/1994-05/2004	Missouri State Neurosurgical Society	Member

01/1994-05/2004	Delegate to Council of State Neurosurgical Societies: Missouri State Neurosurgical Society	Representative
01/1994-05/2004	Missouri State Delegate: Council of State Neurological Societies	Member
01/1994-12/1999	Young Physicians Committee: Council of State Neurosurgical Societies	Member
01/1994-12/1997	Young Physicians Section - Delegate from Congress of Neurological Surgeons: American medical Association	Member
01/1994-12/1994	Sergeant at Arms Committee (AANS Annual Meeting), American Association Neurological Surgeons	Member
01/1994-12/1994	Marshall's Committee, CNS Annual Meeting: Congress of Neurological Surgeons	Member
01/1994-Present	Workforce Committee: Council of State Neurosurgical Societies	Member
01/1993-05/2004	Missouri State Medical Association	Member

SCHOOL

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2011-Present	Search Committee for Chairman of Emergency Medicine, University of Texas Health Science Center at San Antonio, School of Medicine, Emergency Medicine <i>Search Committee for Chairman of Emergency Medicine</i>	Member
01/2007-Present	Research Advisory Committee-MD with Distinction, University of Texas Health Science Center, School of Medicine, 2007-present	Advisor

01/2007-Present	Internal Communications Subcommittee, University of Texas Health Science Center at San Antonio, School of Medicine, 2007	Member
01/2006-Present	Medical Faculty Assembly; University of Texas Health Science Center at San Antonio, School of Medicine, 2006-2008	Secretary
10/2004-Present	Clinical Chair's Committee, University of Texas School of Medicine, Medical	Member
06/2004-Present	Clinical Chair's Committee, University of Texas Health Science Center Medical School; San Antonio, TX	Member
08/1992-08/1993	Ad Hoc Subcommittee of Students Promotions Committee, University of Missouri School of Medicine; Columbia, MO (1992-1993)	Member

UNIVERSITY

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
08/2014-Present	Neurology Endowment Committee, University of Texas Health Science Center, Medicine, Neurology <i>Evaluation of candidates for the John H. Doran, MD, FACP Endowed Chair in Peripheral Neuropathy</i>	Member
04/2012-Present	Neurology Endowment Committee, UT Health Science Center San Antonio, Medicine, Neurology <i>Evaluation of candidates for the Ross J. Sibert Research Fund Distinguished Chair</i>	Member
01/2011-Present	Department of Emergency Medicine Chairman Search Committee, University of Texas Health Science Center San Antonio, School of Medicine, Emergency Medicine <i>Member, Department of Emergency Medicine Chairman Search Committee, University of Texas School of Medicine, 2011</i>	Member

01/2010-Present	Philanthropy Subcommittee, Center for Biomedical Neurosciences, University of Texas Health Science Center San Antonio, TX, 2010-present	Co-Chair
01/2009-Present	UT Medicine Nominating Committee, University of Texas Health Science Center at San Antonio	Member
01/2009-Present	Task Force, South Texas Research Foundation, University of Texas Health Science Center, San Antonio, TX, 2009-present	Member
01/2005-Present	MSRDP Board of Directors, UT Medicine-UTHSCSA	Board Member
06/2004-06/2005	Faculty Council, University of Texas Health Science Center Medical School, San Antonio, TX	Member
06/2004-Present	Faculty Senate, University of Texas Medical School; San Antonio, TX	Member
12/2002-01/2003	Medical Staff Bylaws Committee, University of Missouri	Member
01/2002-12/2002	Grievance Hearing Committee, University of Missouri-Columbia, Columbia, MO	Member
01/1998-12/1998	Academic Grievance Hearing Panel, University of Missouri-Columbia, School of Medicine; Columbia, MO	Member
01/1997-12/1997	Utilization Review Committee, University of Missouri Hospital and Clinics-Columbia, School of Medicine; Columbia, MO	Member
08/1995-08/1997	Research Council Committee, University of Missouri-School of Medicine; Columbia, MO (1995-1997)	Member
01/1994-12/1994	Utilization Review Committee, University of Missouri Hospitals and Clinics; Columbia, MO	Member

