

# CURRICULUM VITAE

## John Robert Floyd II

### GENERAL INFORMATION

#### PERSONAL DATA:

Date of Preparation: 09/27/2016

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San Antonio, TX 78229

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#### SELF DESCRIPTION:

My surgical training began at Vanderbilt University Medical Center in Nashville, Tennessee where I completed an internship in General Surgery. Subsequently, I finished my neurosurgical training from the Department of Neurological Surgery, Vanderbilt University Medical Center. I completed a fellowship in Neurosurgical Oncology and Skull Base Surgery at the University of Texas, MD Anderson Cancer Center. I have obtained an expertise in the surgical management of complex cases including skull base tumors such as clival chordomas, chondrosarcomas, osteosarcomas, meningiomas, schwannomas, pituitary tumors, orbital tumors, sinonasal carcinomas as well as intrinsic brain tumors such as insular gliomas. My surgical experience includes complex spine and peripheral nerve tumors. My training includes a multi-disciplinary approach using micro-neurosurgical techniques, neuroendoscopy and minimally invasive techniques. My research interests began when I was awarded the NIH Ruth L. Kirschstein National Research Service Award for studying protein expression in intrinsic brain tumors. This research has led to the discovery of possible new biomarkers for diagnosis and treatment, and has been presented at a number of national and international meetings. I am also a Diplomate of the American Board of Neurological Surgery.

#### EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
2000	MD	Medicine <i>(Early Medical School Acceptance program, Magna Cum Laude, Alpha Omega Alpha Honor Medical Society, Alabama Merit Scholar, Madison County Merit Scholar )</i>	University of Alabama School of Medicine, Birmingham, AL
1996	GDPH	Graduate Diploma of Public Health <i>(Graduated with Distinction; Rotary International Ambassadorial Scholarship )</i>	University of Adelaide, Adelaide, South Australia
1995	BS	Biology <i>(Summa Cum Laude, Outstanding Undergraduate Student in Biology, ODK National Leadership Honour Society, Golden Key International Honour Society )</i>	University of Alabama at Birmingham, Birmingham, AL

#### TRAINING:

### ***Clinical Fellowship***

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2007-2008	Neurosurgical Oncology and Skull Base Surgery	University of Texas, MD Anderson Cancer Center, Houston, TX

### ***Internship***

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2000-2001	General Surgery	Vanderbilt University Medical Center, Nashville, TN

### ***Post Doctoral Fellowship***

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2003-2005	Research Proteomics and Intrinsic Brain Tumors	Vanderbilt Brain Institute, Center for Molecular Neuroscience, Nashville, TN

### ***Residency***

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2001-2007	Neurological Surgery	Vanderbilt University Medical Center, Nashville, TN

### **ACADEMIC APPOINTMENTS:**

05/2016 - Present	Acting Chairman	University of Texas Health Science Center at San Antonio, Department of Neurosurgery, San Antonio, TX
04/2016 - Present	Director of Residency Program	University of Texas Health Science Center at San Antonio, Department of Neurosurgery, San Antonio, TX
04/2013 - Present	Carl Raba Family Chair in Neuro-Oncology, Endowed Chair	University of Texas Health Science Center at San Antonio, Department of Neurosurgery, San Antonio, TX

*Details: The Carl Raba Family Chair Endowment is an extremely venous gift to UTHSCSA, given to advance research in the domain of neuro-oncology. Research activities include , but not limited to biomarker discovery, development of targeted therapies and delivery, and translational research in clinical trials.*

04/2012 - Present	Associate Director of Residency Program	University of Texas Health Science Center San Antonio, Department of Neurosurgery, San Antonio, TX
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*Details: In April of 2012, I took on the position of Associate Program Director. in 2008, the Department of Neurological Surgery was approved for 7 residents. We have grown and expanded services, and to date our now approved for 17 resident slots. As associate Program Directory, I am responsible for the residency programs growth, recruitment, selection, and education. I oversee other training sites , e.g. Methodist and VA, review and organize rotations blocks, and organize educational activities ( entire Friday dedicated to educational conferences). I emphasize educational experience, and life long learning. Part to he job is to also encourage and enable scholarly activity and quality improvement projects. At the same time, I provide oversight resident*

*works hours, case logs and overall surgical experience. I personally meet with each resident twice a year for semi annual 360 evaluation review and feedback. I chair the Clinical Competency Committee as well. We have weekly meeting on Tuesdays, 7am-8:30 am, and Friday educational program from 7am-1:30 pm.*

08/2008 - Present      Assistant Professor                      University of Texas Health Science Center San Antonio, Department of Neurosurgery, San Antonio, TX

**CERTIFICATION AND LICENSURE:**

***Board Certification***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
ABNS Board Certification - American Board of Neurological Surgeons	Certified	11/2013	n/a	12/2023

***Certification***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Controlled Substance Registration Certificate	Certified	03/2010	FF1080718	09/2017
Texas Department of Public Safety	Certified	08/2008	W0160651	08/2016

***License to Practice***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Physician Permit - Texas Medical Board	Certified	08/2008	N0769	11/2017

**HONORS AND AWARDS:**

- 04/2013 Carl Raba Family Chair in Neuro-Oncology: in April 2013 - I was Honored by being the first and only faculty member in the Department of Neurosurgery to be awarded an Endowed Chair by an enormously generous benefactor.
- 12/2012 Neurosurgical Teaching Award 2012: Voted Best Teaching Award in 2012 by the Neurosurgical Resident House Staff
- 01/2009 40 Under 40 Award: San Antonio Business Journal
- 10/2003 Postdoctoral Ruth L. Kirschstein National Research Service Award: Research award
- 06/2000 Magna Cum Laude: Medical School Graduation Honors
- 07/1999 Alpha Omega Alpha: Medical Honor Society
- 07/1998 Madison County Merit Scholar: Medical School Scholarship
- 07/1996 University of Alabama School of Medicine Merit Scholar: Medical School Scholarship

06/1995 Summa Cum Laude: Undergraduate Honors

**PROFESSIONAL DEVELOPMENT:**

***Administrative***

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
10/22/2009 - 10/24/2009	Society for Neuro-Oncology and AANS/CNS Section on Tumors, Neurosurgical Oncological Endoscopy, current science and basic treatments for meningiomas, cancer stem cells and biology and therapy for metastatic spine tumors. Sessions from clinical trials to medical therapies, radiology, epidemiology to quality of life.	8.25 / 8.25
02/06/2009 - 02/07/2009	American Association of Neurological Surgeons, Managing Coding & Reimbursement Challenges	0.00 / 0.00

***Clinical***

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
03/25/2016	Neurological Grand Rounds, Astrocytes as The Therapeutic Targets after Brain and Spinal Cord Damage	1.50 / 1.50
03/04/2016	Neurological Grand Rounds, Alzheimer Disease and Other Dementias	1.50 / 1.50
02/26/2016	Neurological Conference, Board Preparation	0.00 / 0.00
02/12/2016	Neurological Grand Rounds, Autonomic Dysfunction in Movement Disorders	1.50 / 1.50
02/05/2016	Neurological Grand Rounds, CPC	1.50 / 1.50
02/02/2016 - 02/05/2016	TANS Meeting 2016, Texas Association of Neurological Surgeons	0.00 / 0.00
01/29/2016	Neurological Grand Rounds, Intracerebral Hemorrhage post-Reperfusion Therapies in Acute Ischemic Stroke	1.50 / 1.50
01/22/2016	Neurological Grand Rounds, Rhenium Nanoliposomal Convection Therapy for High Grade Glioma	1.50 / 1.50
01/15/2016	Neurological Grand Rounds, Moving Acute Stroke in Treatment to the Prehospital Arena	1.50 / 1.50
01/08/2016	Neurological Grand Rounds, Clinical Pathology Conference	1.50 / 1.50
12/18/2015	Neurological Grand Rounds, Functional Connectivity of the Seizure Onset Zone in Focal Epilepsy	1.50 / 1.50
12/11/2015	Neurological Grand Rounds, Clinical Pathology Conference	1.50 / 1.50
12/04/2015	Neurosurgical Grand Rounds, Flow Diversion for the Treatment of Intracranial Aneurysms: Panacea or Problem?	1.00 / 1.00
11/20/2015	Neurological Grand Rounds, Clinical Pathology Conference	1.51 / 1.50
11/06/2015	Neurological Grand Rounds, Prognostication in Severe Brain Injury	1.50 / 1.50
10/30/2015	Neurosurgical Grand Rounds, Disorders of Peripheral Nerve Hyperexcitability	1.50 / 1.50
10/23/2015	Neurological Grand Rounds, Acute Interventional Stroke Trials and Emerging Strategies for Hastening AIS Therapies	1.50 / 1.50
10/16/2015	Neurological Grand Rounds, Current Standards of Excellence In Treating Patients with ALS	1.50 / 1.50

10/09/2015	Neurological Grand Rounds, Distinguished Lecture	1.50 / 1.50
10/02/2015	Neurological Grand Rounds, Neurology Manifestation of B-12 Deficiency	1.50 / 1.50
09/25/2015	Neurological Grand Rounds, Visual Impairment and Intracranial Pressure Changes in Astronauts	1.50 / 1.50
09/18/2015	Neurological Grand Rounds, Imperturbability and Aequanimitas	1.50 / 1.50
09/18/2015 - 08/18/2015	Neurological Grand Rounds, Imperturbability and Aequanimitas	1.50 / 1.50
09/11/2015	Neurological Grand Rounds, Clinical Pathology Conference	1.50 / 1.50
09/04/2015	Neurological Grand Rounds, Management of Spasticity in Children	1.50 / 1.50
08/28/2015	Neurological Grand Rounds, Skull Base Surgery in the Age of Reason	1.50 / 1.50
08/14/2015	Neurological Grand Rounds, Advances in Minimally Invasive Spine Surgery	1.50 / 1.50
08/07/2015	Neurological Grand Rounds, Overview of Tardrive Dyskinesia	1.50 / 1.50
07/31/2015	Neurological Grand Rounds, The Spinal Arteriovenous System and the Role of the Spinal Venous System in CNS	1.50 / 1.50
07/24/2015	Neurological Grand Rounds, Multiple System Atrophy - MSA	1.50 / 1.50
07/17/2015	Neurological Grand Rounds, An Overview of Spontaneous Intracerebral Hemorrhage	1.50 / 1.50
07/10/2015	Neurological Grand Rounds, AHA/ASA Guidelines for the Prevention of Stroke in Patients with Stroke and Transient Ischemic Attack	1.50 / 1.50
06/26/2015	Neurological Grand Rounds, Understanding Hydrocephalus	1.50 / 1.50
06/19/2015	Neurological Grand Rounds, Update on Myasthenia Gravis	1.50 / 1.50
06/12/2015		1.50 / 1.50
06/05/2015	Grand Rounds, The Neurosurgical Atlas - Video Series: Managing Operating Room Team Conflict	1.50 / 1.50
05/22/2015	Neurological Sciences Grand Rounds, HCUP – A Research Tool	1.50 / 1.50
04/10/2015	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
04/03/2015	Neurological Sciences Grand Rounds, Auto Immune Encephalitis	1.50 / 1.50
02/13/2015	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
02/06/2015	Neurological Sciences Grand Rounds, Neurological Sciences Grand Rounds	1.50 / 1.50
01/30/2015	Neurosciences Grand Rounds	1.00 / 1.00
10/10/2014	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
09/26/2014	Neurological Sciences Grand Rounds, Neurological Sciences Grand Rounds	1.00 / 1.00
08/22/2014	Neurological Sciences Grand Rounds, Healing Spinal Cord Injury: Is there any hope for the future?	1.50 / 1.50
07/11/2014	Neurological Sciences Grand Rounds, Molecular Principles of Saltatory Nerve Conduction: From Motor Coordination to Neurodegeneration	1.50 / 1.50
04/25/2014	Neurological Sciences Grand Rounds, 60 Years of Carotid Surgery	1.50 / 1.50
04/25/2014	Neurological Sciences Grand Rounds, 60 Years of Carotid Surgery	1.50 / 1.50
04/18/2014	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50

04/18/2014	Neurological Sciences Grand Rounds, Concussion in America: Does Science Support the Current Standard of Care?	1.50 / 1.50
04/11/2014	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
03/07/2014	Neurological Sciences Grand Rounds, How Do I Reverse That? Anticoagulants in the Patient with Neurologic Injury	1.00 / 1.00
03/07/2014	Neurological Sciences Grand Rounds, How Do I Reverse That? Anticoagulants in the Patient with Neurologic Injury	1.00 / 1.00
02/14/2014	Neurological Sciences Grand Rounds, CPC	1.00 / 1.00
09/25/2013	2013 Building the Bridge, 2013 Building the Bridge: UT System CS&E Annual Conference	0.00 / 0.00
08/16/2013	Neurological Sciences Grand Rounds, Lumbar Fusion for Lower Back Pain	1.00 / 1.00
07/28/2013	Neurological Grand Rounds, Management of Guillian-Barre Syndrome in the Neuro ICU	1.50 / 1.50
06/14/2013	Neurological Grand Rounds, Controversies in the Management of Chiari Malformation and Tethered Cord Syndrome	1.50 / 1.50
06/14/2013	Neurological Grand Rounds, Conservative vs. Surgical Management of Spine Infections	1.50 / 1.50
05/24/2013	Neurological Grand Rounds, Skull Base Surgery: Why the Owl of Minerva Flies at Dusk	1.50 / 1.50
04/26/2013	Neurological Grand Rounds, Tangled Up in Blue: Ethical Aspects of Conflict Over Code Status	1.50 / 1.50
04/05/2013	Neurological Grand Rounds, David Sherman, the Carotid Arty and Me	1.00 / 1.00
03/22/2013	Neurological Grand Rounds, The Role of bypass surgery for the brain: Have we been asking the wrong question with the wrong technology at the wrong time?	1.50 / 1.50
02/08/2013	Neurological Grand Rounds, CPC	1.50 / 1.50
04/18/2012	American Association of Neurological Surgeons, Annual Meeting: Plenary Session III	3.25 / 3.25
04/18/2012	American Association of Neurological Surgeons, Annual Meeting: AANS/CNS Section on Tumor - II	3.00 / 3.00
04/17/2012	American Association of Neurological Surgeons, Annual Meeting: AANS/CNS Section on Tumor 1	3.00 / 3.00
04/16/2012	American Association of Neurological Surgeons, Annual Meeting: Scientific Session 1 - Tumor	1.50 / 1.50
03/09/2012	Neurological Sciences Grand Rounds, Resident Case Presentation CPC James Henry, M.D.	1.50 / 1.50
02/10/2012	Neurological Sciences Grand Rounds, Resident Presentation CPC James Henry, MD	1.50 / 1.50
01/13/2012	Neurological Sciences Grand Rounds, Resident Presentation Meningioma	1.50 / 1.50
10/28/2011	Neurological Sciences Grand Rounds, Resident Case Presentation Cost Effective Evaluation of Back Pain	1.50 / 1.50
08/05/2011	Neurological Sciences Grand Rounds, Resident Case Presentation Extracranial Cerebrovascular Atherosclerotic Disease	1.50 / 1.50
07/08/2011	Neurological Sciences Grand Rounds, Resident Presentation - Basics of Brain Stimulation	1.50 / 1.50

05/13/2011	Neurological Sciences Grand Rounds, Resident Presentation - CPC James Henry, MD	1.50 / 1.50
04/29/2011	Neurological Sciences Grand Rounds, Resident Case Presentation Basics of Brain Stimulation	1.50 / 1.50
04/08/2011	Neurological Sciences Grand Rounds, Resident Presentation Grand Rounds "CPC" James Henry, MD	1.50 / 1.50
09/24/2010	Neurosciences Grand Rounds, Rebecca Verellen, M.D., "Overview of Posttraumatic Epilepsy" Ezgi Tiryaki, M.D., - Grand Rounds	1.50 / 1.50
09/17/2010	Neurosciences Grand Rounds, Christian Samuelson, M.D., "Arteriovenous Malformations: From nuts and bolts to cautery and clips" Leslie J. Cloud, M.D., Gastrointestinal Symptoms in Parkinson's Disease	1.50 / 1.50
09/03/2010	Neurosciences Grand Rounds, Andrey Belayev, M.D., "Posterior Fossa Tumor" Ernest E. Braxton, M.D., Major, USAF, "Current Treatment of PTSD and Future Directions"	1.50 / 1.50
08/27/2010	Neurosciences Grand Rounds, Jean-Louis Caron, M.D., "Update on Surgical Management of Cervical Carotid Atherosclerosis" John Carter, M.D., "Headache, Chiari, Papilledema, Pseudotumor Cerebri, Whatever"	1.50 / 1.50
08/20/2010	Neurosciences Grand Rounds, Sidney Atkinson, M.D., Practice Guidelines: "Pediatric Neurology Emergencies" Priyantha Herath, M.D., Ph.D., "Psychogenic Movement Disorders"	1.50 / 1.50
08/13/2010	Neurosciences Grand Rounds, Merrill Kanter Carolin, M.D.: Practice Guidelines Robin Brey, M.D., "Antiphospholipid Syndrome and the Brain in Pediatric and Adult Patients."	1.50 / 1.50
08/06/2010	Neurosciences Grand Rounds	1.50 / 1.50
07/30/2010	Neurosciences Grand Rounds, Santiago Palacio, MD- Stroke Treatment Update Donald A. Robin, PhD- Using Mechanical Perturbation to Understand the Neural Control of Movements in Young and Older Speakers: Wavelet Analysis of EMG DATA	1.50 / 1.50
07/16/2010	Neurosciences Grand Rounds, Deborah Carver, MD- AHS Position Statement on Serotonin Syndrome with Triptans Robert Hart, MD- Cardioembolic Stroke: 2010 Update and Four Randomized Trials	1.50 / 1.50
07/09/2010	Neurosciences Grand Rounds, Sidney Atkinson, MD- Pediatric Neurology Emergencies Augusto Parra, MD- Neuroprotection Modalities for Traumatic Brain Injury	1.50 / 1.50
06/30/2010	Neurosciences Grand Rounds, Santiago Palacio, MD- Stroke Treatment Update Donal A. Robin, PhD- Using Mechanical Perturbation to Understand the Neural Control of Movements in Young and Older Speakers: Wavelete Analysis of EMG DATA	1.50 / 1.50
06/18/2010	Neurosciences Grand Rounds, Julio Andino, MD- Distal Hereditary Motor Neuropathy with Upper Motor Neurons Signs Michael Odom, MD- Periventricular-Intraventricular Hemorrhage in Newborns	1.50 / 1.50
06/11/2010	Neurosciences Grand Rounds, Stephen Griffith, MD- Syringomyelia-An Interesting Case James Henry, MD- CPC	1.50 / 1.50
06/04/2010	Neurosciences Grand Rounds, Resident Presentation: A Curious Case of Quadrantanopia. Mapping of Pathological	1.50 / 1.50

	and Functional Networks in the Brain with the Aid of Cortical Stimulation and Multimodal Imaging.	
05/21/2010	Neurosciences Grand Rounds, Update on Multiple Sclerosis	1.00 / 1.00
05/14/2010	Neurosciences Grand Rounds, Resident Presentation: The Acute Management of Neurologic Complications Following Cardiothoracic Procedures Grand Rounds (CPC)-Dr. Henry	1.50 / 1.50
05/07/2010	Neurosciences Grand Rounds, Resident Presentation Predictors of Post-Surgical Seizure Outcome Following a Temporal Lobectomy	1.50 / 1.50
04/30/2010	Neurosciences Grand Rounds, Psychology of Spine Surgery New Development on Brain Stimulation for Intractable Epilepsy	1.50 / 1.50
04/16/2010	Neurosciences Grand Rounds, Metastatic Spine Disease: Diagnosis, Decisions, and Management The History and Development of Posterior Lumbar Interbody Fusion	1.50 / 1.50
04/09/2010	Neurosciences Grand Rounds, Resident Presentation Grand Rounds (CPC)-Dr. Henry	1.50 / 1.50
04/02/2010	Neurosciences Grand Rounds, Intraventricular Tumors Extending Time Windows for the Treatment of Acute Stroke Patients with Advanced Neuroimaging	1.50 / 1.50
03/12/2010	Neurosciences Grand Rounds, A Case of Vision Loss Grand Rounds CPC-Dr. James Henry	1.50 / 1.50
02/19/2010	Neurosciences Grand Rounds, Neurofibromatosis Contemporary Management of Vestibular Schwannoma	1.50 / 1.50
02/12/2010	Neurosciences Grand Rounds, Resident Presentation Grand Rounds CPC-Dr. James Henry	1.50 / 1.50
02/05/2010	Neurosciences Grand Rounds, Mateo Ziu, M.D., "Rhinoliquorrhea After Traumatic Cranio-Facial Fractures" Aparna W. Shukla, M.D., "Deep Brain Stimulation in Parkinson's Disease: Understanding the Mechanisms"	1.50 / 1.50
01/29/2010	Neurosciences Grand Rounds, Anthony Brown, M.D., "A Case of Dementia and Incoordination" Ratna K. Bhavaraju-Sanka, M.D., "Approach to Disorders of the Autonomic Nervous System"	1.50 / 1.50
01/22/2010	Neurosciences Grand Rounds, Stephen Griffith, M.D., "Giant-Cell Tumors of the Spine" Edward R. Laws, M.D., "The Diagnosis and Management of Pituitary Adenomas-State of the Art"	1.50 / 1.50
01/15/2010	Neurosciences Grand Rounds, Elena Sokolova, M.D., "Photosensitivity in Epilepsy" Kathryn Wagner, M.D., "Stimulating Muscle Regeneration"	1.50 / 1.50
12/18/2009	Neurosciences Grand Rounds, Nathan Sumner, M.D.-Resident Presentation Wendy Chao, DO	1.50 / 1.50
12/11/2009	Neurosciences Grand Rounds, Byron Branch, M.D., "Traumatic Vertebral Artery Injuries" James Henry, M.D.-CPC	1.50 / 1.50
12/04/2009	Neurosciences Grand Rounds, Scott Heller, M.D., "Retroperitoneal Hemorrhage and Lumbosacral Plexopathy" Dorothee Kastelijn-Trenite, Associate Professor; University of Rome, "Photosensitivity: Clinical Relevance and Role in Research?"	1.50 / 1.50
11/20/2009	Neurosciences Grand Rounds, Wendy Wu, M.D., "Congenital Myasthenia Gravis" John Kelly, M.D., "Neuropathies Due to Plasma Cell Dyscrasias"	1.50 / 1.50



11/13/2009	Neurosciences Grand Rounds, Nick Andrade, M.D., "Posterior Reversible Encephalopathy Syndrome" James Henry, M.D.-CPC	1.50 / 1.50
11/06/2009	Neurosciences Grand Rounds, Gina Jetter, M.D.-Resident Case Presentation Ilo Leppik, M.D., "Geriatric Epilepsy Management: Special Considerations and Comorbid Conditions"	1.50 / 1.50
10/30/2009	Neurosciences Grand Rounds, Christian Samuelson, M.D., "Traumatic Orbito-Cranial Injuries in the Civilian Population" Amyn Habib, M.D., "The Receptor Interacting Protein (RIP1) Links Inflammatory and Oncogenic Signaling Pathways in Glioblastoma"	1.50 / 1.50
10/16/2009	Neurosciences Grand Rounds, Andrey Belayev, M.D., "Tumors of the Conus and Cauda Equina" John R. Floyd, M.D.-Updates on Tumor Surgeries	1.50 / 1.50
10/09/2009	Neurosciences Grand Rounds, Karla Torres-Molina, M.D.-Resident Presentation James Henry, M.D.-CPC	1.50 / 1.50
10/02/2009	Neurosciences Grand Rounds, Jennifer Gentry Savage, M.D.-Resident Case Presentation Alex Papanastassiou, M.D., "Functional Neuroanatomy and Connectivity in Temporal Lobe Epilepsy"	1.50 / 1.50
09/25/2009	Neurosciences Grand Rounds, Mateo Ziu, M.D., "A Case of Isolated Spinal Neurenteric Cyst" Ed Jauch, M.D., "The Emergency Department in Cerebral Resuscitation: A Focus on Ischemic Stroke"	1.50 / 1.50
09/18/2009	Neurosciences Grand Rounds, Andrew Bursaw, M.D.-Resident Presentation Jeff Lewis, M.D., USAF, "Mild TBI and PTSD: A Neuroimaging Perspective"	1.50 / 1.50
09/11/2009	Neurosciences Grand Rounds, Joe Bowers, M.D.-Resident Case Presentation James Henry, M.D.-CPC	1.50 / 1.50
09/04/2009	Neurosciences Grand Rounds, Stephen Griffith, M.D., "Eosinophilic Granulomas" J.D. Day, M.D., "Neurosurgical Tics"	1.50 / 1.50
08/28/2009	Neurosciences Grand Rounds, Vikki Alvarez, M.D., "Technology Assessment: Botulinum Neurotoxin for the Treatment of Movement Disorders" Oscar Benavente, M.D., "Stroke Prevention: Everything You Need to Know"	1.50 / 1.50
08/21/2009	Neurosciences Grand Rounds, Augusto Parra, M.D., Subarachnoid Hemorrhage Management Guidelines James Dix, M.D., Pre-operative Neurosurgical Imaging	1.50 / 1.50
08/07/2009	Neurosciences Grand Rounds, Jean-Louis Caron, M.D., Hemorrhage Management Guidelines Lee Birnbaum, M.D., Endovascular Treatment of Head & Neck Vascular Malformations	1.50 / 1.50
07/31/2009	Neurosciences Grand Rounds, Jose Cavazos, M.D., "Evaluating an Apparent Unprovoked First Seizure in Adults" Anna Lindley, M.D., "Genetic Haplo-Insufficiency Syndromes in Mental Retardation: A Case Study and Treatment Strategies"	1.50 / 1.50
05/15/2009	Neurosciences Grand Rounds	1.50 / 1.50
05/11/2009 - 05/13/2009	BrainLAB Academy Chicago, Introduction to Radiosurgery- Cranial & Spine Applications	0.00 / 0.00
05/08/2009	Neurosciences Grand Rounds, UTHSCSA	1.50 / 1.50
05/01/2009	Neurosciences Grand Rounds	1.50 / 1.50

04/17/2009	Neurosciences Grand Rounds, Surgical Management of Cushing's Disease	1.50 / 1.50
03/06/2009	Neurosciences Grand Rounds	1.50 / 1.50
02/20/2009	Neurosciences Grand Rounds, James Henry, MD- CPC	1.50 / 1.50
01/16/2009	Neurosciences Grand Rounds, Cognitive and Neural Correlates of Late-Life Subthreshold Depression	1.50 / 1.50
11/21/2008	Neurosciences Grand Rounds, Deep Brain Stimulation For The Treatment of Dystonia	1.50 / 1.50
11/14/2008	Neurosciences Grand Rounds	1.50 / 1.50
10/24/2008	Neurosciences Grand Rounds, Idiopathic Inflammatory Myopathies	1.50 / 1.50
10/17/2008	Neurosciences Grand Rounds, What's New in Strokes?	1.50 / 1.50
10/10/2008	Neurosciences Grand Rounds	1.50 / 1.50
09/26/2008	Neurosciences Grand Rounds, Somatoform Disorders in Neurology Practice	1.50 / 1.50
09/19/2008	Neurosciences Grand Rounds, Proteomic Applications in Neuro-Oncology	3.00 / 3.00
09/11/2008 - 09/14/2008	2008 North American Skull Base Society Meeting, Vancouver, BC	0.00 / 0.00
09/05/2008	Neurosciences Grand Rounds, The Impact of History on Current Techniques in Craniosynostosis Repair	1.50 / 1.50

#### **Other**

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
08/21/2015	Neurological Grand Rounds, Unlocking the Mystery of Indomethacin-Responsive Headache Syndromes	1.50 / 1.50
02/27/2015 - 03/01/2015	TANS 2015 Annual Meeting, CME Credits	12.00 / 12.00
10/18/2014 - 10/22/2014	Congress of Neurological Surgeons, 2014 CNS Annual Meeting in Boston, MA. (CME)	9.25 / 0.00
03/01/2013 - 03/03/2013	TANS 2013, CME Credit TANS Annual Meeting	17.85 / 17.85
04/17/2012	American Association of Neurological Surgeons, Plenary Session II	3.25 / 3.25
04/16/2012	American Association of Neurological Surgeons, Plenary Session I	3.50 / 3.50
04/13/2011	American Association of Neurological Surgeons, Breakfast Seminar ABNS Board Preparation	2.00 / 2.00

#### **Research**

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
02/24/2009	Scientific Research Grant Writing Workshop	6.50 / 6.50

## **TEACHING**

### **COURSE BASED TEACHING:**

<u>Date</u>	<u>Course Name</u>	<u>Level</u>	<u>Role</u>
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07/2016 - 08/2016      NRSR5010 Neurosurgery      Graduate      Clinical Faculty

*Preparation Hrs: 2, Student Contact Hrs: 40 ; Katherine was a MS IV rotating on our service. I spent approximately ten hours a week with her , including clinic on Mondays, surgery on Tuesdays, and didactic conferences on Fridays. She seen one months on our service and is interested in career in neurosurgery.*

07/2016 - 08/2016      NRSR5010 Neurosurgery      Graduate      Clinical Faculty

*Preparation Hrs: 2, Student Contact Hrs: 40 ; Pegah Ghamasaei rotated on neurosurgery during her MS IV year. I spent time with her in clinic on Mondays, surgery on Tuesdays and Wednesdays, and didactic lectures on Friday. I counseled her in regards to career in neurosurgery.*

12/2015 - 12/2015      Neuro 3457      Undergraduate/Graduate      Lecturer

*Preparation Hrs: 4, Student Contact Hrs: 2 ; I was invited guest lecturer at Trinity University, to participate in their Neurobiology course. My lecture involved the vestibulo-cochlear system and acoustic schwannoma's.*

10/2015 - 12/2016      CIRC5001 MEDICINE-BEHAVIOR AND SOCIETY LONGITUDINAL MODULE      Undergraduate      Preceptor

*Preparation Hrs: 1, Student Contact Hrs: 18 ; I participated in the first year roll out of the Longitudinal Preceptorship Program and continue to be active in subsequent years given its very rewarding nature. This program has evolved over that last several years. My third student is Tim Wong . I have spent roughly 1 hour with Tim oas we have completed only 1 of 9 sessions. But, over next three semesters, I anticipate spending up to 18+ hours with Tim. . We had the opportunity for one on one instruction, counseling and career guidance. Course Description:Through this experience, you will afford students early exposure to common challenges physicians encounter, which include, but are not limited to, interacting with patients of different backgrounds and varying levels of medical knowledge, effectively managing time constraints, and coordinating patient care within a complex health care system that involves other physician specialists, nurses, and case managers.*

09/2015 - 09/2015      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Murchison James- elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each*

student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.

08/2015 - 09/2015      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Steven Riela-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2015 - 07/2015      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Szufflita Nicholas-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

11/2014 - 11/2014      Essential Cranial Based      Resident      Instructor  
Techniques in Microsurgery

*Preparation Hrs: 8, Student Contact Hrs: 20 ; This is an advanced skull base course offered nationally to senior residents. It is a two and half day course, with didactic instruction and cadaveric dissections from 7:30 am to 5:30 pm Friday, 7:30 am to 5:30 pm Saturday, and 7:30 am till noon Sunday. My role is course instructor, provide didactic lectures in skull base surgery followed by cadaveric prosecutions and instruction.*

09/2014 - 12/2015      CIRC5001 MEDICINE-      Undergraduate      Preceptor  
BEHAVIOR AND SOCIETY  
LONGITUDINAL MODULE

*Preparation Hrs: 1, Student Contact Hrs: 19 ; I participated in the first year roll out of the Longitudinal Preceptorship Program and continue to be active in subsequent years given its very rewarding nature. This program has evolved over that last several years. My second student is Jade Law . I spent roughly 19 hours with Jade over her first 3 semesters. We have completed 8 of 9 planned sessions. We had the opportunity for one on one instruction, counseling and career guidance. She was able to spend time with me and my patients in neuro-oncology clinic, general neurosurgery clinic, and during surgical procedures. I believe this early experience for Jade has been very beneficial to her during her progression through medical school. Course Description: Through this experience, you will afford students early exposure to common challenges physicians encounter, which include, but are not limited to, interacting with patients of different backgrounds and varying levels of medical knowledge, effectively managing time constraints, and coordinating patient care within a complex health care system that involves other physician specialists, nurses, and case managers.*

09/2014 - 10/2014      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Brnko Michael-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

09/2014 - 10/2014      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Hines Thomas-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

09/2014 - 10/2014      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Sabourin Victor-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

09/2014 - 09/2014      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Khan Maheen-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2014 - 08/2014      NRSR4010      Undergraduate/Graduate      Course Director

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Buster Bryan- elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2014 - 08/2014      NRSR4010      Undergraduate/Graduate      Course Director

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Gassie Kelly elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2014 - 08/2014      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Helis Corbin- elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2013 - 12/2013      INTD6045 Clinical Practicum in Neuroscience      Graduate      Lecturer

*Preparation Hrs: 6, Student Contact Hrs: 4 ; This course was the Neuroanatomy course for the pharmacology students. I gave two lecture modules during the course. The first was a lecture dedicated to the cerebellum and its connections. The second lecture was the Midbrain, Thalamus, and Telencephalon Cross Sections*

01/2013 - 01/2013      Essential Cranial Base Techniques for Microneurosurgery      Resident      Instructor

*Preparation Hrs: 8, Student Contact Hrs: 20 ; This is an advanced skull base course offered nationally to senior residents. It is a two and half day course, with didactic instruction and cadaveric dissections from 7:30 am to 5:30 pm Friday, 7:30 am to 5:30 pm Saturday, and 7:30 am till noon Sunday. My role is course instructor, provide didactic lectures in skull base surgery followed by cadaveric prosecutions and instruction.*

08/2012 - 06/2013      CIRC5001 MEDICINE-BEHAVIOR AND SOCIETY LONGITUDINAL MODULE      Undergraduate      Preceptor

*Student Contact Hrs: 17 ; I participated in the first year roll out of the Longitudinal Preceptorship Program. This program has evolved over that last several years. My first student was Trey Mouch. I spent roughly 17 hours with Trey over his first 3 semesters. We and the opportunity for one on one instruction, counseling and career guidance. He was able to spend time with me and my patients in neuro-oncology clinic, general neurosurgery clinic, and during surgical procedures. I believe this early experience for Trey was very beneficial to him during his progression through medical school. Course Description:Through this experience, you will afford students early*

*exposure to common challenges physicians encounter, which include, but are not limited to, interacting with patients of different backgrounds and varying levels of medical knowledge, effectively managing time constraints, and coordinating patient care within a complex health care system that involves other physician specialists, nurses, and case managers.*

08/2012 - 12/2012      INTD6045 Clinical Practicum in      Graduate      Lecturer  
Neuroscience

*Preparation Hrs: 8, Student Contact Hrs: 4 ; This course was the Neuroanatomy course for the pharmacology students. I gave two lecture modules during the course. The first was a lecture dedicated to the cerebellum and its connections. The second lecture was the Midbrain, Thalamus, and Telencephalon Cross Sections*

10/2011 - 10/2011      NRSR4010      Undergraduate/Graduate      Clinical  
Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Ian McDougall-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

09/2011 - 10/2011      NRSR4010      Undergraduate/Graduate      Clinical  
Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Grant Booher-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2011 - 12/2011      INTD6045 Clinical Practicum in      Graduate      Lecturer  
Neuroscience

*Preparation Hrs: 8, Student Contact Hrs: 4 ; This course was the Neuroanatomy course for the pharmacology students. I gave two lecture modules during the course. The first was a lecture dedicated to the cerebellum and its connections. The second lecture was the Midbrain, Thalamus, and Telencephalon Cross Sections*

08/2011 - 08/2011      NRSR4010      Undergraduate/Graduate      Clinical  
Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Virendra Desai-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student.*

*Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2011 - 08/2011      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Ruth Kovner-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2011 - 08/2001      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Chi Tang-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2011 - 07/2011      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Christian Camargo-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

10/2010 - 11/2010      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Wesley Jones-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

10/2010 - 11/2010      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Derrick Dupre-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*



09/2010 - 09/2010      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Charles Plumlee-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2010 - 08/2010      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Robert Scanton-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2010 - 08/2010      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Juanita Garces-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2010 - 07/2010      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Michael McGinity-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

10/2009 - 11/2009      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Bhavani Kura-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

09/2009 - 10/2009      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Zakraus Mahdavi-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2009 - 09/2009      NSRS4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Sebastian Villarreal-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

08/2009 - 08/2009      NSRS4010      Undergraduate/Graduate      Course Director

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Brandon Libelt-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

07/2009 - 07/2009      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Kevin Meier-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

03/2009 - 05/2009      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; Davin Cordell-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

02/2009 - 03/2009      NRSR4010      Undergraduate/Graduate      Clinical Faculty

*Preparation Hrs: 12, Student Contact Hrs: 12 ; David Bowman-elected medical student rotation: I spent approximately 4 hr. didactic teaching in the field of neurosurgery for each student. Additionally spent 8 hrs. of clinical instruction in surgery, OR and clinics at UTHSCSA with each student.*

02/2008 - 02/2008	Baylor College of Medicine , 2nd Annual Kepmfer Functional Brain Anatomy Seminar	Other	Instructor
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*Preparation Hrs: 10 ; This was a weekend course focused and brain function and anatomy for nurse employees of the Neuroscience program. It involved a lecture highlighting skull base techniques in neurosurgery as well as cadaveric laboratory instruction.*

01/2008 - 01/2008	2nd Annual Combined Neurosurgery/ENT Residents' Cadaveric Skull Base Dissection Course and Lab	Other	Instructor
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*Preparation Hrs: 12 ; I participated as a course instructor at the University of Colorado, Department of Neurosurgery, Cadaveric Skull Base Course. I lectured on the topic, "The Trans-sphenoidal and transfacial approaches to the sella turcica and clivus", and assisted/supervised/and instructed the surgical approaches in the dissection lab.*

**OTHER TEACHING:**

***Group Instruction***

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
02/2016 - 02/2016	Board Preparation  <i>Residency Board Preparation</i>	University of Texas Health Science Center at San Antonio	16
03/2014 - 03/2014	Cranial Approach Retrosigmoid  <i>Help and develop the advance cadaver skull base lab for residents education.</i>	University of Texas Health Science Center at San Antonio	25
03/2014 - 03/2014	Board Review  <i>Lecture for Faculty and Residents</i>	University of Texas Health Science Center at San Antonio	30

10/2013 - 10/2013	Neuroanatomy-Lecture	University of Texas Health Science Center at San Antonio	20
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*Brainstem and Spinal Cord Cross Sections*

09/2013 - 09/2013	Cerebellum	University of Texas Health Science Center at San Antonio	20
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06/2011 - Present	Surgical Anatomy and Approaches, Cadaveric Lab	University of Texas Health Science Center at San Antonio	9
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*The mastery of surgical skills is a stepwise process of seven years of training. Incorporated into the educational process is cadaveric dissections which enhance the learners knowledge of complex brain and skull base anatomy. This course is an 18 month course, which repeats upon completion. It includes module of 6 cranial anatomy and surgical approaches, module of 4 spinal anatomy and approaches, and 2 peripheral nerve anatomy and approaches. I conduct the 6 cranial courses: sub frontal anatomy and approach; orbit-zygomatic approaches, middle fossa approaches, far lateral approaches, sub occipital approaches, and approaches to pineal region and third ventricle. Each module includes 1 hour of didactic lecture followed by 2 hours of laboratory dissection. Modules are on second Friday of the month. Preparation time for each module including dissections is about 6 hours.*

07/2010 - 07/2010	Anterior Cranial Base: Extracranial & Intracranial Approaches	UTHSCSA-Department of Neurosurgery	20
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08/2009 - Present	Endocrine Pituitary Conference	University of Texas Health Science Center at San Antonio	8
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*This conference is led by myself, Br. Bazan, and Dr. Bruder. This is an educational conference for neurosurgical residents as well and endocrine fellows. Up to ten cases are selected 1-3 weeks in advance. Attendees are expected to have greater knowledge of the imaging characteristics of pituitary pathologies, and well as the complex medical and surgical management options. This teaching conference occurs first Thursday of the months from 4:30 until 5:30 pm.*

08/2008 - Present	Multidisciplinary Neuro Tumor Board Conference	The University of Texas Health Science Center at San Antonio	30
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*I lead the discussion of complicated neuro-oncology cases/patients to include diagnosis, procedures and plan to follow each patient. Cases are selected a week ahead of time, history, pathology and radiology reviewed. Neurosurgical residents, radiation oncology residents, and medical oncology fellows attend this conference. Critical decision making is expected of each learner, with assembly of clinical and pathological information with resultant plans for either : observation, radiation, chemotherapy, surgery, combination therapy, clinical trial or additional diagnostic investigation. At the end of conference, learners are expected to have better understanding of the management of patients with complex brain tumors. This is a specialized conference that takes place from 9:30 until 10:45 every other Friday of the month.*

08/2008 - Present	Pre-Operative Neurosurgical Conference	University of Texas Health Science Center at San Antonio	20
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*This educational conference is attended by neurosurgical residents, medical students, and rotating students. The design of this conference is to critically review upcoming neurosurgical cases for the*



tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 1 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 25 hours of instruction and training over last year with Dr. Sy. He is anticipated to graduate June 2022.

07/2014 - 06/2021      Dr. Derek Samples, Residency      UTHSCSA-Department of      1  
Training      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Samples when he is on rotation at UHS or St Lukes Baptist. . As a junior resident, I am training and instructing him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAasic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 2 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 50 hours of instruction and training over last two years with Dr. Samples He is anticipated to graduate June 2021.*

07/2014 - 06/2021      Dr. Dewey Thoms      UTHSCSA-Department of      1  
Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Thoms when he is on rotation at UHS or St Lukes Baptist. . As a junior resident, I am training and instructing him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAasic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 2 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 50 hours of instruction and training over last two years with Dr. Thoms . He is anticipated to graduate June 2021.*

07/2013 - 06/2020      Dr. Kevin Carr, Residnecy      UTHSCSA-Department of      1  
Training      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Carr when he is on rotation at UHS or St Lukes Baptist. . As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAasic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 3 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 100 hours*

of instruction and training over last three years with Dr. Carr. He is anticipated to graduate June 2020.

07/2012 - 06/2019      Dr. Grant Booher, Residency      UTHSCSA-Department of      1  
Training      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Booher when he is on rotation at UHS or St Lukes Baptist. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 4 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 200 hours of instruction and training over last four years with Dr. Booher. He is anticipated to graduate June 2019 .*

07/2012 - 06/2019      Dr. Ian McDougall, Residency      UTHSCSA-Department of      1  
Training      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. McDougall when he is on rotation at UHS or St Lukes Baptist. He is active military. We are one of three sites nationally who have the honor of training our nations military neurosurgeons. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 4 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 200 hours of instruction and training over last four years with Dr. McDougall. He is anticipated to graduate June 2019 .*

07/2012 - 06/2019      Dr. Vaibhav Patel , Residency      UTHSCSA-Department of      1  
TRaining      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Patel when he is on rotation at UHS or St Lukes Baptist. . As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 4 More advanced senior level concepts to be learned later in residency are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 200 hours of instruction and training over last four years with Dr. PATEL He is anticipated to graduate June 2019 .*

07/2011 - 06/2018	Dr. Hawksworth, Residency Training	UTHSCSA-Department of Neurosurgery	1
<p><i>I spend approximately 4- 8 hrs /week with Dr. Hawksworth when he is on rotation at UHS or St Lukes Baptist. Dr. Hawksworth is active military. We are one of three sites nationally who have the honor of training our nations military neurosurgeons. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAsic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 5. More advanced senior level concepts to be learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. Hawksworth is currently a PGY 5 resident. I estimate over 300 hours of instruction and training over five years . He is anticipated to graduate June 2018 and expects a career in the military.</i></p>			
07/2011 - 06/2018	Dr. Asif Maknoja, Residency Training	UTHSCSA-Department of Neurosurgery	1
<p><i>I spend approximately 4- 8 hrs /week with Dr. Maknoja when he is on rotation at UHS or St Lukes Baptist. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAsic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 5 in his research year. I am mentoring him on a basic science project investigating the affect of novel therapies for malignant meningiomas. This research has been accepted for presentation at two national meeting. More advanced senior level concepts to be learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. Maknoja is currently a PGY 5 resident. I estimate over 300 hours of instruction and training over five years . He is anticipated to graduate June 2018 .</i></p>			
07/2011 - 06/2018	Dr. McGinnity, Residency Training	UTHSCSA-Department of Neurosurgery	1
<p><i>I spend approximately 4- 8 hrs /week with Dr. McGinnity when he is on rotation at UHS or St Lukes Baptist. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. BAsic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. He is currently a PGY 5 in his research year. I am mentoring him on a basic science project investigating novel delivery systems for chemotherapy to malignant gliomas. This research has been accepted for presentation at one national meeting so far. It has also led to provisional patent. More advanced senior level concepts to be learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. McGinnity is currently a PGY 5 resident. I estimate over 300 hours of instruction and training over five years . He is anticipated to graduate June 2018 .</i></p>			
07/2010 - 06/2017	Dr. Kura Residency training	UTHSCA	1



*I spend approximately 4- 8 hrs /week with Dr. Kura when she is on rotation at UHS or St Lukes Baptist. As a junior resident, I trained and instructed her in basic skills in neurosurgery, advancing as expected over the years. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. More advanced senior level concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. Kura is currently a PGY 6 resident. I estimate over 400 hours of instruction and training over six years . She is anticipated to graduate June 2017.*

06/2010 - 06/2017      Dr. Colion Son, Residency      UTHSCA      1  
    Training

*I spend approximately 4- 8 hrs /week with Dr. Son when he is on rotation at UHS or St Lukes Baptist. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. More advanced senior level concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. Son is currently a PGY 6 resident. I estimate over 400 hours of instruction and training over six years . He is anticipated to graduate June 2017.*

06/2010 - 06/2017      Dr. Brad Dengler, Residency      UTHSCSA-Department of      1  
    Training      Neurosurgery

*I spend approximately 4- 8 hrs /week with Dr. Dengler when he is on rotation at UHS or St Lukes Baptist. Dr. Dengler is active military. We are one of three sites nationally who have the honor of training our nations military neurosurgeons. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. Education, instruction and training occur in a variety of settings including the operating room, clinic, bed side rounds, and conferences. Basic skill sets include craniotomy for tumor excision, craniotomy for trauma, spinal decompression and fusion techniques, treatment of hydrocephalus and other skill sets documented in the milestones. More advanced senior level concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. Dr. Dengler is currently a PGY 6 resident. I estimate over 400 hours of instruction and training over six years . He is anticipated to graduate June 2017 and expects a career in the military.*

07/2009 - 06/2016      Dr. Byron Branch, resident      UTHSCSA      1  
    training/teaching

*I spent approximately 4- 8 hrs /week on with him with both clinical and surgical instruction over nearly 7 years. .I trained Dr. Branch from when he was a PGY 1 in 2009 all the way through his chief year in 2015 -2016. As a junior resident, I trained and instructed him in basic skills in neurosurgery, advancing as expected over the years. More advanced senior level concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 700 hours of instruction and training over seven years . He is anticipated to graduate June 2016 and has secured employment in Charlotte , NC.*

08/2008 - 06/2015 Dr. Nicholas Andrade, residency UTHSCSA 1  
training/teaching

*I spent approximately 4- 8 hrs /week on with him with both clinical and surgical instruction over nearly 6 years. . Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 600 hours of instruction and training over six years. Dr. Andrade is now successfully employed in a thriving practice in Tyler, Texas.*

08/2008 - 06/2014 Dr. Andre Belayev, resident UTHSCSA 1  
training/teaching

*I spent approximately 4- 8 hrs /week on with him with both clinical and surgical instruction over nearly six years. . Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate I spent greater than 600 hours of instruction/training over 6 years. Dr. Belayev is completing a 2 year fellowship in endovascular neurosurgery in Memphis, TN.*

08/2008 - 06/2013 Dr. Jennifer Savage, Resident UTHSCSA 1  
training/teaching

*I spent approximately 4- 8 hrs /week on with her with both clinical and surgical instruction over nearly five years. . Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 600 hours of instruction over 5 years. She completed pediatric neurosurgery fellowship in Indianapolis and now had successful practice in Knoxville, TN.*

08/2008 - 06/2012 Dr. Mateo Ziu, Residency UTHSCCA 1  
training/teaching

*I spent approximately 4- 8 hrs /week on with him with both clinical and surgical instruction over nearly four years. . Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, advanced techniques in neurosurgery, and multi-specialty management of complex brain tumors. I estimate over 500 hours of instruction over this time. I mentored him in regards to a career in neuro-oncology, and he completed fellowship at MD Anderson. He is now developing neurosurgical oncology program in Austin, Texas.*

08/2008 - 06/2011 Dr. Steven Griffith, residency UTHSCSA 1  
training

*I trained Dr. Griffith in neurosurgery for three years from 2008 to 2011. During his chief year, I spent approximately 4-8 hrs /week on with him with both clinical and surgical instruction depending on his rotations. Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy for spine tumors with reconstruction, and multi-specialty management of complex brain tumors. Over three years I estimate approximately 400 hours of instruction. He is now employed in a successful practice in Kansas City.*

08/2008 - 06/2009

Dr. George Galvan, Resident  
training/teaching

UTHSCA

1

*Dr. Galvan was the first chief resident I taught in neurosurgery. During his chief year, I spent approximately 8 hrs /week on with him with both clinical and surgical instruction. Over the year it approached 350 hours of instruction. Key concepts learned are advanced surgical techniques such as awake craniotomy for tumor excision, endoscopic techniques for tumor excision, en bloc vertebrectomy with spinal reconstruction, multi-specialty management of complex brain tumors as examples. Dr. Galvan successfully graduated to join private practice in San Antonio.*

## **RESEARCH**

### **EXPERTISE:**

**Neuro-Oncology** - Analysis of protein expression in brain tumors.

**Neurosurgical Oncology** - Interest include the surgical treatment of benign and malignant tumors affecting the brain, spine and peripheral nerves.

**Skull Base Surgery** - Interests in the surgical management of complex skull base tumors.

### **PUBLICATIONS:** (\*<sup>\*\*</sup> indicates Peer Reviewed)

#### ***Abstract***

1. Floyd JR, Keeler ER, Euscher ED, McCutcheon IE. Catamenial Sciatica: Mechanism and Proposed Management Algorithm 2010 Feb. (AANS/CNS Section on Disorders of the Spine and Peripheral Nerves).

#### ***Journal Article***

- \* 1. Brown AF, Fan H, Floyd JR, Henry JM, Higgins RA. Primary Central Nervous System Histiocytic Sarcoma Arising After Precursor B-Cell Acute Lymphoblastic Leukemia. J Neuropathol Exp Neurol 2015 Dec;74(12):1120-1126.
- \* 2. Gruslova A, Miller JR, Cavazos DA, Breirbart E, Bangio L, Yakov N, Soundararajan, Floyd JR, Brenner AJ. VB-111 : a novel anti-vascular therapeutic for glioblastoma multiforme Journal of Neuro-Oncology 2015 Sep;124(3):365-372.
- \* 3. Son C, Samples D, Brenner AJ, Floyd JR. Osteolytic calvarial lesions as initial presentation of latent neurosyphilis J Clin Neurosci 2015 May;22(5):909-910.
- 4. Floyd JR, Keeler ER, Euscher ED, McCutcheon IE. Cyclic sciatica from extrapelvic endometriosis affecting the sciatic nerve. J Neurosurg Spine 2011 Feb;14(2):281-289.
- 5. Floyd JR, A. Cmelak, P. Russell, K.D. Weaver. Endoscopic, Image-Guided, Transnasal Instillation of 32p for Recurrent Infrachiasmatic Cystic Craniopharyngioma Minimal Invasive Neurosurgery 2009;52:137-140.

6. Johnson MD, Floyd J, Caprioli RM. Proteomics in Diagnostic Neuropathology. J Neuropathol Exp Neurol 2006 Sep;65(9):837-845.

**Not Specified**

1. Floyd JR, Cmelak A, Russell P, Weaver KD. Endoscopic, image-guided, transnasal instillation of (32)P for recurrent infrachiasmatic cystic craniopharyngioma. Minim Invasive Neurosurg 2009 Jun;52(3):137-140.

**PRESENTATIONS:**

- 03/2016 Implant Compositions for the Unidirectional Delivery of Anticancer Compounds to the Brain, 67th Southern Neurosurgical Society Annual Meeting, Abstract Session1, Southern Neurosurgical Society, San Antonio, TX (Co-Presenter)

*Details: Selected by the Scientific committee for oral presentation at annual meeting; Talk focused on the development of new wafers designed to deliver chemotherapy surgical cavity margins for malignant glioma.*

- 03/2016 Combined Modality Treatment with Hypoxia-activated Prodrug TH-302 and XRT Results in Enhanced Antitumor Efficacy in Preclinical Malignant Meningioma Mouse Model, 67th Southern Neurosurgical Society Annual Meeting, Abstract Session 1, Southern Neurosurgical Society, San Antonio, TX (Co-Presenter)

*Details: Selected by the scientific committee for oral presentation; Presentation focused on novel combination of radiation and hypoxic activated DNA cross linking agent for the treatment of malignant meningioma.*

- 02/2016 Application of Two Novel Techniques of Minimally Invasive Image Guided Inter-Fascicular Evacuation (MIS) of Spontaneous Basal Ganglia Hemorrhages (SC-ICH), AANS/CNS Cerebrovascular Annual Meeting 2016, Cerebrovascular Section Annual Meeting, University of Texas Health Science Center at San Antonio, Los Angeles, CA (Co-Author)

- 02/2016 Creating the Evidence:Development of New Targeted Therapy for Malignant Gliomas:Rhenium Nanoliposomes, Texas Association of Neurological Surgeons, Neurosurgery, TANS, Fort Worth, TX (Sole Presenter)

*Details: Chosen by scientific committee to present at annual state meeting in Fort Worth, Texas*

- 11/2015 Intracranial Convection Enhanced Delivery (CED) of Rhenium Nanoliposomes and Imaging by SPECT/CT, Society for CNS Interstitial Delivery of Therapeutics, Session 6 : Delivery Agents, Society for Neuro-Oncology, San Antonio, TX (Co-Author)

*Details: Combined Conference with the SNO; Selected talk focused on SPECT/CT imaging for novel therapy*

- 11/2015 First in human study of rhenium nanoliposomes for intratumoral therapy of glioma, Society for Neuro-Oncology Annual Conference, New Therapeutics, Society for Neuro-Oncology (SNO), San Antonio, TX (Co-Presenter)

*Details: Selected by scientific committee for poster presentation, voted top 10 poster*

- 08/2014 A Dual Phase 1/2, Investigator Initiated Study to Determine the Maximum Tolerated Dose, Safety, and Efficacy of Rhenium Nanoliposomes (186RNL) in Recurrent Glioblastoma., World Automation Congress, Technobiology, WAC, Kona, HI (Sole Presenter)  
**Details:** *Internation Meeting invited special guest presento, specialty topic interface between medicine and technology. Served on the medical panel for the meeting. At the University of Texas Health Science Center San Antonio (UTHCSA) and Cancer Treatment and Research Center (CTRC), The Department of Neurological Surgery, Radiology and Oncology teamed together to develop a de novo therapy for patients with malignant brain tumors utilizing engineered nanoparticles, a novel radio-nucleotide, and state of the art convection flow catheters implanted into the tumor using the latest neurosurgical techniques.*
- 07/2014 From Bench to Brain (2003-2014): A Dual Phase 1/2, Investigator Initiated Study to Determine the Maximum Tolerated Dose, Safety, and Efficacy of Rhenium Nanoliposomes in Recurrent Glioblastoma, Society of University Neurological Surgeons, Neurosurgery, SUNS, Settleal, WA (Sole Presenter)  
**Details:** *Annual Meeting,accepted oral presentation*
- 06/2014 Phase 1/2 Study of Investigational Hypoxia-Targeted Drug, TH-302, and Bevacizumab in Recurrent Glioblastoma, American Society of Clinical Oncology, Neuro-Oncology, ASCO Meeting, Chicago, IL (Sole Presenter)  
**Details:** *National Presenation Meeting on Physican initiated drug trial for Malignant Brain tumors*
- 01/2012 Glioblastoma after Avastin: Hospice or Hope, Fifth Annual Texas Residency Training Conference, Galveston, TX (Invited Speaker)
- 10/2011 Receptor mediated drug delivery in high grade glioma, results of first human trial, 14th European Congress of Neurosurgery, European Congress of Neurosurgery, Rome, Italy (Invited Speaker)
- 02/2011 Show and Tell: Neurosurgical Pearls - Third Ventriculostomy Utilizing the YAG Laser, 2011 Annual Meeting Texas Association of Neurological Surgeons, Texas Association of Neurological Surgeons, Irving, TX (Sole Presenter)
- 06/2010 Laser Capture Microdissection and Mass Spectrometry: Examining the Proteomic Signature the Invasive Edge in Gliomas, First Annual World Congress of Neuro Talk- Singapore Exposition-2010, World Congress of Neuro Talk, BIT Life Sciences, Singapore, Malaysia (Invited Speaker)
- 02/2010 Catamenial Sciatica: Mechanism and Proposed Management Algorithm, Disorders of the Spine and Peripheral Nerve Annual Meeting AANS/CNS Section Meeting, American Assciationf of Neurological Surgeons, Orlando, FL (Co-Presenter)  
**Details:** *This was a presentation of an uncommon disorder involving endometriosis of the sciatic nerve. In this presentation, I delivered a systematic methodology for evaluation and subsequent surgical, and nonsurgical management of this rare condition.*
- 01/2010 A Proposed Preoperative Grading Criteria for the Surgical Management of Hyperostosing Spheno-Orbital Meningiomas, 3rd Annual Texas Neurosurgery Residency Training Programs All

State Conference, Department of Neurosurgery, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Speaker)

**Details:** *This is a presentation to a neurosurgical meeting to review a novel approach to classifying, and predicting patient outcomes in the preoperative period for the clinical diagnosis. This is a novel approach for this kind of skull base tumor.*

10/2009 Updates on Brain Tumor Surgeries, Neurosurgical Grand Rounds, Department of Neurology, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)

**Details:** *This is a presentation to our neurology and neurosurgery faculty and residents. This presentation discussed the latest in surgical strategies for complex brain and skull base tumors. Multiple techniques were discussed including the incorporation of functional neuroimaging with intraoperative neuronavigation, awake craniotomies, and minimally invasive neuro-endoscopic procedures.*

09/2009 Brain Tumor Surgery, Rehabilitation Medicine Didactic Module New Innovations Residency Program, Rehabilitation Medicine, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)

**Details:** *This lecture was given to help prepare Rehab Medicine residents to understand brain tumors, brain tumor surgery, and the affects on neurological function and subsequent rehabilitation needs.*

09/2008 "Proteomic Applications in Neuro-Oncology", Neurosurgical Science Grand Rounds, Department of Neurosurgery, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)

**Details:** *Oral Presentation*

09/2008 A Proposed Preoperative Grading Criteria for the Surgical Management of Hyperostosing Spheno-Orbital Meningiomas, Congress of Neurological Surgery 2008 Annual Meeting, Skull Base, CNS, Orlando, FL (Co-Presenter)

**Details:** *Poster Presentation on Novel Classification Scheme*

09/2008 Hemangiopericytoma of the Cavernous Sinus: Case Report and Surgical Strategy Reviewed, 5th International Congress of the World Federation of Skull Base Societies and 19th Annual Meeting of the North American Skull Base Society, Skull Base, NASS, Vancouver, Canada (Co-Presenter)

05/2008 Surgical Approaches to the Clivus with case discussion, Grand Rounds, Department of Neurological Surgery, Vanderbilt Medical Center, Nashville, TN (Invited Speaker)

**Details:** *Oral Presentation*

04/2008 Differential Proteomic Signatures Detected by MALDI Mass Spectrometry in Glioblastoma Multiforme, American Association of Neurological Surgery 2008 Annual Meeting, Tumor Section, AANS, Chicago, IL (Co-Presenter)

**Details:** *Oral Presentation*

03/2008 Surgical Approaches to the Clivus with case discussion, Grand Rounds, Department of Neurosurgery, Emory University, Atlanta, GA (Invited Speaker)

**Details:** Oral Presentation

05/2005 The Invasive Proteome: Analysis of Proteins in the Invasive Margin and Infiltrating Tumor Cells in Malignant Gliomas Using Laser Capture Microdissection and MALDI TOF MS, American Brain Tumor Association Annual Research Association, Tumors, ABTA, Chicago, IL (Sole Presenter)

**Details:** Oral and Poster Presentation as well as panelist

04/2005 Proteomic Applications in Neuro-Oncology, Tennessee Neurological Society Annual Meeting, Tumors, TNS, NAshville, TN (Sole Presenter)

**Details:** Oral Presentation

10/2004 The Invasive Proteome: Analyzing differentially expressed proteins from infiltrating tumor cells in glioblastoma multiforme using laser capture microdissection and mass spectrometry, Society for Neuroscience Annual Meeting, Tumors, SFN, San Diego, CA (Co-Presenter)

10/2004 The Invasive Proteome: Analyzing differentially expressed proteins from infiltrating tumor cells in glioblastoma multiforme using laser capture microdissection and mass spectrometry, AANS/CNS Section on Tumors 20th Anniversary Meeting, AANS and CNS, Tumor Section, San Francisco, CA (Co-Presenter)

09/2004 Proteomics: New Frontiers in Molecular Fingerprinting, Vanderbilt Meachum Society Neurosurgical Conference, Department of Neurosurgery, Vanderbilt Medical Center, Nashville, TN (Sole Presenter)

**Details:** Oral Presentation

## **RESEARCH GRANTS:**

**Project #:**

**Funding Agency:** Carl Raba Family

**Title:** Carl Raba Family Chair in Neuro-Oncology

**Status:** Active

**Period:** 09/2013 - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$500,000.00

**Grant Detail:** Endowment Holder, Institution 2nd only Donor director Chair of the Department of Neurosurgery

**Project #:**

**Funding Agency:**

**Title:** Neurology-Oncology Research Trail

**Status:** Active

**Period:** 05/2013 - Present

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** DC VAX

**Project #:**

**Funding Agency:** UTHSCSA/CTRC/SLBH

**Title:** Neurology-Oncology Research Trial

**Status:**

**Period:** 01/2011 - 06/2013

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** Th302

**Project #:**

**Funding Agency:**

**Title:** Neuro-Oncology Research Trial

**Status:**

**Period:** 01/2009 - 02/2011

**Role:** Co-Principal Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** Ang1005

***Private***

**Project #:** 1111

**Funding Agency:** American Brain Tumor Association

**Title:** American Brain Tumor Association (ABTA) Translational Research Grant/Sontag Foundation

**Status:** Complete

**Period:** 07/2004 - 06/2005

**Role:** Co-Principal Investigator

**% Effort:** 100

**Total Costs:** \$50,000.00

**Grant Detail:** This research involved protein discovery in the infiltrating edge of glioblastoma multiforme. With IRB approval, specimens were collected intraoperatively from the tumor core and the invasive tumor edge. These tissues were snap frozen. Laser capture microdissection was implemented to capture pure cell populations from the core of the tumor and from the invasive edge. Matrix assisted laser desorption ionization (MALDI) mass spectrometry was used to characterize differential protein profiles from each part of the tumor. This research led to the discovery of several differentially expressed proteins.

**PATENTS:**

**Patent**    **Description**  
**Date**

07/2015    The present invention provides , in some respects, bilayered and trilayered pharmaceutical implant compositions for the unidirectional delivery of anti-cancer compounds to the brain over a period of time ( e.g. several weeks, 1,2,3,4,5,6,7 days, or 1,2,3,weeks or any range derivable therein) following the removal of glioblastoma multiform or other malignant tumors in the brain. The composition of the drug containing layer of the wafer implant may include or comprise a lipid and a hydrophilic polymer and, optionally, one or more other additives. It is applied to the inner surface of the resection cavity within the brain following surgical removal of the tumor. A second top layer comprises one or

**Patent**  
**Category**  
Biological



more hydrophobic agents, which can prevent or minimize the diffusion of drug from the implant into the cerebrospinal fluid of the resection cavity., Patent#: UTSB.P1078US.P2, Co-Inventor(s): James W. McGinity Feng Zhang John R. Floyd Michael J. McGinity

## **SERVICE**

### **SERVICE TO THE INSTITUTION:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
02/2014-Present	Department	Search Committe for Chair of Psychiatry	Member
09/2013-01/2014		Compensation Committe	Member
11/2010-Present	Department	Neurosurgical Integration Committee	Co-Leader

*The Department of Neurosurgery continues to grow and expand, providing greater breadth and depth of service to San Antonio and beyond. Our mission to develop a premiere neurosurgical department, nationally recognized. As part of this mission, we have reached out to our community neurosurgeons, who have 50 years of established practice in San Antonion. Together, our combined number of providers approaches 20 neurosurgeons. I have been appointed by my Department Chiar as being a co-leader in this effort. Currently our committee is composed of our Department Chair, Dr. Jimenez, myself, and two physican leaders from the practive group. We have had regular high level meetings on Monday evenings after regular work hours 5:30 pm until 7:30pm. . We have high level meeting with the Dean, Dr. Francisco González-Scarano, Dr. Carlos Rosende - Executive Director of UTM, and Dale Flowers - Chief Administrative Officer of UTM. Part of the work of the physician leader group is to examine anti-trust issues, to forge relationships between the partnering parties, to engage in legal/financial structures, to address revenue cycle, to address goverance and compensation. To gain experiecne and understanding, this committee has made several site visits. I personally travelled on the last site vist from Nov14th-Nov 16th, 2011. The sites visited included Indianapolis and Cleveland. This is on ongoing process and meetings continue monthly. We have sent a proposal to UT Board of Regents which was declined , after clearing the Presidents office. We are currently working with our UHS partners, Ed Banos, Ted Day, Tim Brierty and on a strategic plan to allow growth and development of the Neurosurgical Department.*

10/2010-08/2011	School	Search Committee for the Chair of Orthopedic Surgery	Member
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*I was requested to join this committee by Dr. Brey, who served as the Chair for the committee. This committee was tasked with the intial screening of applicants for the position of Chair for the Department of Orthopedic Surgery. Additionally, the committee met with the faculty of orthopedic surgery , as well as with the research staff and resident housestaff. An understanding of the departments needs were ascertained. Once the applications were evaluated and discussed by committee members, selected applicants were invited to interview. The interview process occurred over a period of about 6 months. Each interview consisted of approximately 2 hrs. At the conclusion, a select number of applicants were selected for a seond interview. Serviing on this committee was a great privilege, playing arole in selecting the next leader for the prestigious orthopedic department.*

08/2010-Present	Department	Medical Directors/Clinic Managers Committee	Faculty Representative
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*This is a monthly meeting that occurs on Monday from 5m to 6:30pm. This meeting is comprised of medical directors and clinic managers of the UT Medicine Practice Plan, led by Dr. Carlayne Jackson. Topics covered in the meetings include review of Blue Ribbon Surveys, Practice Enhancements with improving phone service, decreasing clinic wait times, reduce no show rates and continue to devise strategies to improve payor mix. In addition, I meet on a quaterly basis with Dr. Carolyne Jackson, Dr. Carlos Rosende and our clinic manager Irma Infante to review our Departmental revenue cycle, payor mix and other issues pertinent to our clinic. This meeting is approximately an 1.5 hours.*

08/2010-Present	Department	Medical Director of St . Lukes Baptist Neurosurgery Clinic	Medical Director
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*In August, I assumed the role of Medical Director of the the Neurosurgical Clinic at St. Lukes Baptist. This clinic sees approximately 500 new patient visits anually and truly represenst success in the commercial market. My responsibilities include overseeing resident rotations through the clinic and ensuring compliance with the EMR. I work with my co-physicians, PAs and nurses to maximize clinical efficiency; coordinate of medical care across adult medicine service lines to ensure alignment of resources ( pain management, imaging, physical therapy); focus on issues of throughput and best practice , and clinical improvement. I meet once a month with the clinic staff on first Monday of each month at noon. Additionally, I meet once a month with physician leadership at UTM to review revenue cycle, payor mix and other related issues.*

05/2010-Present	Hospital	UHS Drug Usage Evaluation Committee	Member
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*This is a monthly, one hour committee meeting held in the Board Room at University Hospital. This committee reviews trends of drug usage, costs, adverse reactions, and medical erros. Each month, specific medications are reviewed for cost anaylisis and methodolgy developed to reduce costs ( eg, restricting access or prescribing providers, and/or developing standard order sets with approved indications).*

04/2010-Present	School	Physicians Advisory Committee for the EPIC EMR	Advisory Council Member
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*This is be a policy advising committee composed of participating physicians int he practice plan. This committe makes decisions about Epic EMR related issues that will affect the entire UT Medicine organization and practice plan. Most policy issues are related to implementation issues specific to our organization (UTM). Examples of implementation issuess addressed are, full clinic intergration, MyChard implementation, Meaningful use and e-prescribing, obtaining results from outside labs, archiving outside medical records, retrieval of documentation and other salient issues. Committee meets once a month at 5pm at the MARC conference room. Time spent is 1.5 hrs once a month, with additional communications and review of policies via email during the week,0.5 hrs.*

11/2009-05/2010	School	LCME Self Study Teaching and Evaluation Subcommittee	Committee Member
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*The accreditation process by the Liason Committee on Medical Education (LCME) has two aims: to certify a medical institution meets standards and to promote institutional self evaluation and improvement. I serve on the LCME Teaching and Evaluation sub committee that looks into the process by which medical students in the third year clinical core rotations are supervised, evaluated, and taught. Specifically, our committee developed a questionnaire that addressed issues such as number of students per rotation, number of lecture hours or conference hours, number of new patient workups, completeness of learning objectives and how the students are evaluated. This was performed for each of the core rotations.My task was to perform the above for the surgery core clerkship. I was taksed with meeting with the student coordinators for genral surgey, aquiring their objectives, evaluations, lecture activities, and patietn interaction activities. This was a quickly*



was consistent from 2008, 2009, 2010. Now with added growth and expansion of the department, it has lessened somewhat to 50 call days annually. Without my participation, as well as the participation of my colleagues, stroke certification would not have been possible.

10/2008-10/2009	Community	San Antonio Brain and Stroke Council	Advisory Council Member
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*San Antonio is the 7th largest US city, and until May 2009, there was no Certified Stroke Center. Identifying this a major need for the 2 million community population of Bexar County, our Department of Neurosurgery partnered with Baptist Health System to create a primary stroke center. In fact, in May 2009, all five Baptist Hospitals were awarded the first Primary Stroke Certification in San Antonio. The reason for success is the partnership with our department. In addition to providing direct patient care as a provider, I served on the physicians council during it's development. The purpose of the council was to meet with emergency room physicians, neurologists and hospitalists to discuss patient flow and management and protocol development. Meetings were held on Oct 1st 4:30-7pm, Nov 7th, 11:30-1pm, Nov 21st, 2-5pm, Jan 6th, 2009 6-8pm, March 5th, 6:30-8:30pm, April 16th, 2009 4-6pm.*

**PROFESSIONAL AFFILIATIONS:**

**Dates**

**Organization**

01/2010-Present	American Psychosocial Oncology Society
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***Additional Details:*** THE ONLY MULTIDISCIPLINARY PROFESSIONAL ORGANIZATION IN THE U.S. DEDICATED TO THE PSYCHOSOCIAL ASPECTS OF CANCER TREATMENT. The mission of American Psychosocial Oncology Society is to advance the science and practice of psychosocial care for people with cancer.

01/2009-Present	Texas Medical Association
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***Additional Details:*** Texas Medical Association was organized by 35 physicians in 1853 to serve the people of Texas in matters of medical care, prevention and cure of disease, and the improvement of public health. Today, with more than 44,000 physician and medical student members, TMA's vision is still to "improve the health of all Texans." TMA supports Texas physicians by providing distinctive solutions to the challenges they encounter in the care of patients.

10/2008-Present	American College of Surgeons ( Associate Fellow)
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***Additional Details:*** The American College of Surgeons (ACS) was established in 1913, at the initiative of Franklin Martin, MD, FACS, Chicago, IL, as a surgical society dedicated to promoting the highest standards of surgical care through education of, and advocacy, for its Fellows and their patients, and to safeguarding standards of care in an optimal and ethical practice environment.

09/2008-Present	North American Skull Base Society
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***Additional Details:*** The goal of the North American Skull Base Society is to promote dissemination of information about the anatomy, physiology, pathology, and clinical management of diseases involving the skull base. We also support, coordinate and enhance efforts to generate basic scientific information useful to specialists in the care of diseases of the skull base and further distribution of this information among the various scientific disciplines caring for patients with skull base diseases. We encourage the application of these advances to stimulate further interest in skull base pathology and to re-educate our members in the most recent advances.

09/2008-Present	Bexar County Medical Association
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**Additional Details:** The Bexar County Medical Society was the first county medical society formed in the state of Texas in 1853. The Society represents 4,000+ physicians in Bexar and contiguous counties. Membership is made up of practicing physicians of all specialties, also including academic physicians, military physicians, physicians in their residency, medical students, and retired physicians. BCMS is a physicians' organization, and therefore is organized and defined by physicians' interests. The Society operates approximately twenty committees open to participation by all members, that address such issues as socioeconomic, legislative, health and rehabilitation, medical schools, legal issues, censoring, mediation, communications, membership, emergency medical services, emergency management, military, nominating, peer support, public health, and women in medicine.

08/2008-Present Texas Association of Neurological Surgeons

**Additional Details:** The Texas Association of Neurological Surgeons is a professional association for board certified neurological surgeons in Texas. Founded in 1973 and representing over 275 neurosurgeons in Texas, our purpose is to provide quality continuing education for our members, and promote understanding of neurosurgery in the medical community and public.

07/2004-07/2006 Society for Neuroscience (Member)

**Additional Details:** The Society for Neuroscience (SfN) is a nonprofit membership organization of scientists and physicians who study the brain and nervous system. Since its inception in 1969, the Society has grown from 500 members to over 40,000. Today, SfN is the world's largest organization of scientists and physicians devoted to advancing understanding of the brain and nervous system

07/2004-Present Congress of Neurological Surgeons

**Additional Details:** The Congress of Neurological Surgeons exists to enhance health and improve lives worldwide through the advancement of education and scientific exchange.

07/2004-Present AANS/CNS Section on Tumors

**Additional Details:** The purpose of the AANS/CNS Section on Tumors is to provide a forum for education and research on tumors of the nervous system and to coordinate activities and programs relating to tumors for the AANS and CNS and other societies, committees and agencies

07/2001-Present American Association of Neurological Surgeons

**Additional Details:** Founded in 1931 as the Harvey Cushing Society, the American Association of Neurological Surgeons (AANS) is a scientific and educational association with over 7,600 members worldwide. The AANS is dedicated to advancing the specialty of neurological surgery in order to provide the highest quality of neurosurgical care to the public. All Active members of the AANS are board certified by the American Board of Neurological Surgery, the Royal College of Physicians and Surgeons of Canada, or the Mexican Council of Neurological Surgery. A.C. Neurosurgery is the medical specialty concerned with the prevention, diagnosis, treatment and rehabilitation of disorders that affect the spinal column, spinal cord, brain, nervous system and peripheral nerves

**COMMITTEES (UTHSCSA Standing Committees):**

**DEPARTMENT**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
No Date Entered-Present	Alumni & Faculty Association	

**SCHOOL**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
08/2009-Present	Admissions Committee	Reviewer
<p><i>Participate in selection process for the UTHSCSA Medical School applicants through interviewing and ranking. This process begins in August of each year, and runs through December. Interviews take place on every Monday afternoon beginning at 1:30pm until 4pm. Interview narratives are then produced for each candidate, and forward to Dr. Jones. Time involved is 4 hrs each Monday afternoon.</i></p>		

**COMMITTEES (OTHER):**

**DEPARTMENT**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
06/2016-Present	Budget and Finance Committee, University of Texas Health Science Center at San Antonio, Medicine, Neurosurgery	Member
02/2014-04/2015	Psychiatry Chair Search Committee, University of Texas Health Science Center at San Antonio, Medical School	Member
<p><i>I was requested to join this committee by Dr. Otto, who served as the Chair for the committee. This committee was tasked with the initial screening of applicants for the position of Chair for the Department of Psychiatry. Additionally, the committee met with the faculty, as well as with the research staff and resident housestaff. An understanding of the departments needs were ascertained. Once the applications were evaluated and discussed by committee members, selected applicants were invited to interview. The interview process occurred over a period of about 6 months. At the conclusion, a select number of applicants were selected for a second interview. Dr. Phil Lubber was then offered and accepted position of the Chair.</i></p>		
08/2011-Present	Search Committee for Neurosurgery/Spine Faculty Position, UTHSCSA, School of Medicine, Neurosurgery	Chair
<p><i>As the Department of Neurological Surgery continues to experience growth, there is a need to expand services. Complex spine surgery is an area of identified need. As chair for this search committee, I am tasked with reviewing application with the committee, coordinating interview dates, hosting dinner, and organizing interview feedback from the individual committee members. Members submit formal evaluations for discussion, and a vote is made for request for second interview. At present, we have had several interviews, and are still recruiting. Time commitment is averaged a 1 hour per month.</i></p>		
01/2011-12/2012	Search Committee for NeuroCritical Care Position, UTHSCSA, Medicine, Neurosurgery	Member
<p><i>As the Department of Neurological Surgery continues to experience growth, there is a need to expand services. Neuro Critical Care census continues to rise as the volume of surgical cases rises. Given this, there is a tremendous need to expand neurocritical care. I serve on the committee that reviews applications, interviews and votes. Time spent in recruitment average 1 hour per month. At the conclusion of the committee, two additional Neurocritical care staff were hired, Drs. Garvin and Seife. With their addition, the ICU has grown from only 7 beds in 2009, to full staffing of 16 beds in 2015. Under their leadership we now have applied for Neuro-ICU Fellowship and assisted in UHS acquiring stroke certification.</i></p>		
11/2010-Present	Neurosurgical Integration Committee, UTHSCSA, Medicine, Neurosurgery	Co-Director
<p><i>The Department of Neurosurgery continues to grow and expand, providing greater breadth and depth of service to San Antonio and beyond. Our mission to develop a premiere neurosurgical</i></p>		

department, nationally recognized. As part of this mission, we have reached out to our community neurosurgeons, who have 50 years of established practice in San Antonio. Together, our combined number of providers approaches 20 neurosurgeons. I have been appointed by my Department Chair as being a co-leader in this effort. Currently our committee is composed of our Department Chair, Dr. Jimenez, myself, and two physician leaders from the practice group. We have had regular high level meetings on Monday evenings after regular work hours 5:30 pm until 7:30pm. . We have high level meeting with the Dean, Dr. Francisco González-Scarano, Dr. Carlos Rosende -Executive Director of UTM, and Dale Flowers - Chief Administrative Officer of UTM. Part of the work of the physician leader group is to examine anti-trust issues, to forge relationships between the partnering parties, to engage in legal/financial structures, to address revenue cycle, to address governance and compensation. To gain experiecne and understanding, this committee has made several site visits. I personally travelled on the last site vist from Nov14th-Nov 16th, 2011. The sites visited included Indianapolis and Cleveland. This is on ongoing process and meetings continue monthly. We have sent a proposal to UT Board of Regents which was declined , after clearing the Presidents office. We are currently working with our UHS partners, Ed Banos, Ted Day, Tim Brierty and on a strategic plan to allow growth and development of the Neurosurgical Department.

04/2010-04/2015            Search Committee for Endovascular Neurosurgery Position,            Chair  
    UTHSCSA, Medicine, Neurosurgery

*As the Department of Neurological Surgery continues to experience growth, there is a need to expand services. Endovascular/vascular neurosurgery is an area of identified need, especially the certification of both UHS and St Lukes Baptist as stroke centers. This is one of our greatest needs for growth as a department. As chair for this search committee, I am tasked with reviewing applications with the committee, seeking applicants at national meetings, coordinating interview dates, recruiting, hosting dinner, and organizing interview feedback from the individual committee members. Members submit formal evaluations for discussion, and a vote is made for request fro second interview. This committee started in 2010. Over the years , multiple applicants have been screened, and interviewed. Of note: it took five years of recruiting to secure this position. We have now hired Dr. Johnson and Dr. Grandi to lead the endovascular-vascular neurosurgical division. The start date from their employment was 07/2015. Time committment is averaged a 1-2 hours per month averaged.*

**HOSPITAL**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
05/2010-Present	Drug Usage Evaluation Committee: Quality/Risk Management, University Hospital	Member

*This committe meets once a month in the Board Room at University Hospital from 12:00 until 1pm. The meeting reviews drug ulization, patterns of use and cost of indiscrimate use. Methodology is devised to reduce costs including standard ordering sets with appropriate indications, ordering restrictions ( eg, faculty only) and education. Adverse event are tabulated and reviewed each month as well as medical errors.*

**SCHOOL**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
10/2013-Present	Compensation Advisory Committee, University of Texas Health Science Center at San Antonio, Medicine, Neurosurgery	Faculty Advisor

*AS a result of an internal audit direct by the UT System, there were several factors that required attention to the School of Medicine compensation plans across each Department. This committee is led by Dr. Carlos Rosende, The committee has been charged with unifying common language in the x,y, z plan. Each Department submitted their own plan, and each reviewed and approved*

*with or without revisions provided by the committee. This committee is ongoing an reviews changes made to existing Departmental plans annually.*

10/2010-08/2011 Search Committee for Chair of Orthopedic Surgery, UTHSCSA, Member  
School of Medicine, Orthopedics

*I was requested to join this committee by Dr. Brey, who served as the Chair for the committee. This committee was tasked with the intial screening of applicants for the position of Chair for the Department of Orthopedic Surgery. Addionally, the committee met with the faculty of orthopedic surgery , as well as with the research staff and resident housestaff. An understanding of the departments needs were ascertained. Once the applications were evaluated and discussed by committee members, selected applicants were invited to interview. The interview process occurred over a period of about 9months. Each interview consisted of approximately 2 hrs. At the conclusion, a select number of applicants were selected for a second interview. Dr. Robert Quinn was then offered and accepted position as the Chair.*

08/2010-Present Medical Directors/Clinic Managers Committee Meeting, UT Member  
Medicine Practice Plan, UTM, UTM- Neurosurgery

*This is a monthly meeting that occurs on Tuesday from 5m to 6:00 pm. This meeting is comprised of medical directors and clinic managers of the UT Medicine Practice Plan, led by Dr. Carlyne Jackson. Topics covered in the meetings include review of Blue Ribbon Surveys, Practice Enhancements with improving phone service, decreasing clinic wait times, reduce no show rates and continue to devise strategies to improve payor mix. Over the years, we have seen many changes in our practice plan since I first took on this position. We have embarked on adopting the EPIC EMR. As director, I meet regularly with my clinic coordinator to review benchmarks, and improve EMR utilization - specifically in obtaining benchmarks for meaningful use Stage I and II. Our department continues to lead the way in this regard. We also review patient feedback , and strive to enhance the UT patient experience. I personally meet with faculty to review patient feedback, and address any concerns regarding clinic operations. Time spent in this capacity is approximately 1-2 hour per week.*

05/2010-05/2012 EPIC EMR Physicians Advisory Committee (PAC), UT Advisor  
Medicine Practice Plan, UTM

*This is be a policy advising committee composed of participating physicians in the practice plan. This committee makes decisions about Epic EMR related issues that will affect the entire UT Medicine organization and practice plan. Most policy issues are related to implementation issues specific to our organization (UTM). Examples of implementation issuess addressed are, full clinic intergration, MyChard implementation, Meaningful use and e-prescribing, obtaining results from outside labs, archiving outside medical records, retrieval of documentation and other salient issues. Committee meets once a month at 5pm at the MARC conference room.*

11/2009-05/2010 LCME Self Study Teaching and Evaluation Subcommittee, Member  
UTHSCSA, School Of Medicine

*The accreditation process by the Liason Committee on Medical Education (LCME) has two aims: to certify a medical institution meets standards and to promote institutional self evaluation and improvement. I serve on the LCME Teaching and Evaluation sub committee that looks into the process by which medical students in the third year clinical core rotations are supervised, evaluated, and taught. Specifically, our committee developed a questionnaire that addressed issues such as number of students per rotation, number of lecture hours or conference hours, number of new patient workups, completeness of learning objectives and how the students are evaluated. This was performed for each of the core rotations. My task was to perform the above for the surgery core clerkship.*

**UNIVERSITY**



<u>Dates</u>	<u>Committee</u>	<u>Role</u>
05/2014-08/2014	Institutional Faculty Compensation Advisory Committee, UTHSCSA	Faculty Advisor
<p><i>Economic and financial pressures on health care demand efficient, cost-effective policies to maintain economic health. The Institutional Faculty Compensation Advisory Committee was created by President Dr. Henrich to study opportunities in all schools, departments, and areas within the Health Science Center in regards to compensation, and to make recommendations that will allow the institution to flourish. This committee was led by Dr. Pamela Otto. The committee reviewed compensation plans from each school, and reviewed other UT Institutions. The committee revised base compensations for X across UTHSCSA, and defined the y and Z component. Once finalized, the proposal was sent to Dr. Henrich for final acceptance.</i></p>		