

CURRICULUM VITAE

Izabela Tarasiewicz

GENERAL INFORMATION

PERSONAL DATA:

Date of Preparation: 10/08/2015

Address: 7703 Floyd Curl Drive
San Antonio, TX 78229

Phone Number: 210-567-5625

Fax Number: 210-567-6066

Email Address: tarasiewicz@uthscsa.edu

SELF DESCRIPTION:

I was born in Poland, grew up in Canada, and attended school in Canada, France, and the United States. In 1993, I earned my Baccalaureat Francais with highest honors (Mention Très Bien) from Lycée Privé Saint-Paul in Lille, France. Less than 3% of students taking the French national examinations receive this distinction. In 1999, I obtained my medical degree from Université de Sherbrooke in Quebec, Canada and completed my neurosurgery training at Université Laval in Quebec City six years later. From 2006 until 2007, I pursued a postgraduate fellowship in pediatric neurosurgery at Children's Memorial Hospital (now Lurie Children's Hospital), which is affiliated with Northwestern University in Chicago, Illinois. I have been an assistant professor since 2007, when I began teaching at the University of Vermont and, subsequently, at the University of Connecticut. In February 2015, I moved to San Antonio and became a faculty member for the University of Texas Health Science Center's Department of Neurosurgery. I am board-certified in general/adult neurosurgery by the Royal College of Physicians and Surgeons of Canada (FRCSC) and the American Board of Pediatric Neurosurgery (ABPNS). Fewer than 200 doctors in North America can claim such an accomplishment. In San Antonio, David F. Jimenez, MD, FACS, the chairman of the UTHSCSA Department of Neurosurgery, is the only other physician who holds both these certifications. As an educator, I relish any opportunity I have to teach, whether it be at the residency program level or the medical student level (UVM 2008-2012). I have taught at mid-level provider academic programs, AANS-sponsored courses, and ATLS-sponsored courses. In April 2015, in Washington D.C., I served as a faculty member at the annual AANS meeting and was invited to speak at the EVD insertion hands-on practical course. In September 2015, I was invited to be a speaker and hands-on practical clinic supervisor at the ventriculostomy station of the advanced provider course held in San Antonio. As the new director of undergraduate medical education, I was tasked with designing the neurosurgery rotation curriculum for 3rd and 4th year medical students. I also serve as the faculty mentor for the AANS Medical Student Chapter at UTHSCSA, which enables me to provide guidance to medical students by organizing and supervising their monthly meetings. As the medical director of neurosurgery at North Central Baptist Hospital (NCBH), I have dedicated myself to the task of designing a strong neurosurgical program. With this goal in mind, I've emphasized the development of treatment, protocols, and research related to mild traumatic brain injuries and am working toward building cohesive multidisciplinary clinics. Recently, I was elected as the chair of the Pediatric Service Line and the president of the Pediatric Clinical Council at North Central Baptist Hospital. In order to provide the best quality care to my patients, I have involved myself in several collaborative projects designed to improve patient care and outcome at UTHSCSA. One example is the work I did with Dr. Lukefar from CPS (Child Protective Services)

and Dr. Papanastassiou, my neurosurgical colleague. Our concerted effort resulted in the development of the Non-Accidental Trauma (NAT) protocol, which was subsequently adopted hospital-wide. My collaboration with trauma specialists resulted in the development of a pediatric cervical spine clearance protocol, which was designed to help physicians safely and efficiently treat pediatric trauma cases. I am a service-oriented physician with a great passion for international medical relief. Recently, I was appointed as the director of medical missions in the Department of Neurosurgery at UTHSCSA. One of my long-term service goals is the establishment of a volunteer-driven program capable of performing neurosurgical procedures for children in underprivileged regions of the world. To accomplish this, I have started working closely with programs like Project Medishare for Haiti. I volunteered my time and expertise by performing neurosurgical procedures, such as endoscopic third ventriculostomies and spinal dysraphism repair. I am currently involved in the development of a training program that would enable me to provide mentorship and guidance to both adult and pediatric neurosurgery trainees locally in Haiti. My skill set encompasses all aspects of pediatric neurosurgery, but my research interests focus on the management of spinal dysraphism and congenital malformations of the central nervous system, such as spina bifida, spasticity, and hydrocephalus. One of my foremost research goals is to redefine the standard of care for children afflicted with tethered spinal cord syndrome. I have presented on this topic at international and national meetings, such as the 2013 annual ASPN (American Society of Pediatric Neurosurgeons) meeting. During my time teaching at the University of Connecticut, I held the position of medical director of the tethered cord clinic at the Connecticut Children's Medical Center. I started this multidisciplinary clinic to serve this complex patient population in a more inclusive and collaborative way. I was also hired at UTHSCSA to share my expertise in this area. Throughout my career, I have always been an active contributor to scholarly publications. I recently worked with pediatric urologist Juan Prieto, MD, on a high impact article concerning tethered cords and urodynamics that was published in the influential medical journal *Current Urology Reports*. I am working with pediatric urology specialists on a collaborative research project that explores preoperative urodynamic studies in the tethered cord patient population. I am fluent in English, French and Polish and hold American, Canadian, and Polish citizenships. I am also a member of the following organizations: The International Society for Pediatric Neurosurgery, The American Society for Pediatric Neurosurgery, The American Association of Neurological Surgeons, The Congress of Neurological Surgeons and the Texas Association of Neurological Surgeons.

EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
1999	MD	Medical Doctor	Universite de Sherbrooke, Province of Quebec, Canada
1993	Lycee prive St. Paul		Baccalaureat francais/Mention Tres Bien, Lille, France

TRAINING:

Clinical Fellowship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2006-2007	Pediatric Neurosurgery	Northwestern University/ Children's Memorial Hospital, Chicago, IL, USA

Post Doctoral Training

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
2015-2015	Seminar :Intracranial Endoscopy	AANS, Washington, DC, United States
20015	ICD-10 Coding Course	Congress of Neurological Surgeons, New Orleans, LA, United States of America
2011-2011	Seminar : Intracranial Endoscopy	AANS, Denver, CO, United States
2011-2011	Seminar: Mgmt. of Incidental Imaging Findings	AANS, Denver, CO, United States
2009-2009	Seminar : Intracranial Endoscopy	AANS, San Diego, CA, United States
2009-2009	Seminar Course:Intramedullary Spinal Cord Tumors	AANS, San Diego, CA, United States

Residency

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1999-2006	Neurosurgery	Universite Laval, Quebec City, Canada

ACADEMIC APPOINTMENTS:

01/2015 - Present	Assistant Professor	University of Texas Health Science Center at San Antonio, Department of Neurosurgery, San Antonio, TX
01/2014 - 12/2014	Assistant Professor	University of Connecticut Health Center, Department of Neurosurgery, Farmington, CT
01/2012 - 11/2013	Assistant Professor	University of Connecticut/Connecticut Children's Medical Center, Hartford, CT
10/2007 - 12/2011	Assistant Professor	Fletcher Allen Health Care,The Department Pediatric's and The Department of Neurosurgey, Burlington, VT

NON-ACADEMIC APPOINTMENTS:

01/2014 - 10/2014	Attending Neurosurgeon	Lawrence+Memorial Hospital, New London, CT
01/2008 - 12/2011	Attending Neurosurgeon	Fletcher Allen Heath Care, Burlington, VT
07/2006 - 07/2007	Junior Attending/Fellow	Children's Memorial Hospital Department of Pediatric Neurosurgery, Chicago, IL

CERTIFICATION AND LICENSURE:**Board Certification**

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
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American Board of Pediatric Neurological Surgery (ABPNS) - American Board of Pediatric Neurological Surgery (ABPNS)	Certified	12/2010	n/a	n/a
Fellow Royal College of Physicians & Surgeons of Canada (FRCSC) - FRCSC	Certified	07/2006	n/a	n/a

Certification

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
SPEX - SPEX	Certified	02/2015	n/a	n/a
Collège des Médecins du Québec (CMQ) - Legal, administrative and ethical aspects of the practice of medicine in the Province of Quebec (ALDO)	Certified	01/2004	n/a	n/a
Royal College of Physicians & Surgeons of Canada - Principles of Surgery (POS)	Certified	01/2003	n/a	n/a
American College of Surgeons - Certified in Advance Trauma Life Support (ATLS)	Certified	01/2000	618005	06/2019

License to Practice

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Texas Medical License - Texas Medical Board	Certified	03/2015	Q3600	05/2016
State of Connecticut Medical License - State of Connecticut Medical License		11/2011	050356	11/2015
State of Vermont Medical License - State of Vermont Medical License		10/2007	042-0011485	11/2012
State of Illinois Medical License - State of Illinois Medical License		05/2006	036115990	07/2008
Medical Council of Canada - Licentiate of the Medical Council of Canada; (MCCQE)	Certified	01/2000	n/a	n/a

Part I and II)

HONORS AND AWARDS:

06/1993 Mention Tres Bien: The Highest Honor on final exams in Nord/Pas-de-Calais for Baccalaureat Francais diploma.

PROFESSIONAL DEVELOPMENT:***Clinical***

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
10/02/2015	Neurological Grand Rounds, Resident Case Presentation Case Presentation by Steven Ellis, MD, PGY-3 Neurology Manifestation of B-12 Deficiency Robin L. Brey, MD, F.A.A.N. Professor and Chair of the Dept. of Neurology, UTHSCSA	1.50 / 1.50
09/26/2015 - 09/30/2015	Congress of Neurological Surgeons, CNS 2015 Annual Meeting	19.25 / 19.25
09/25/2015	Neurological Grand Rounds, Resident Case Presentation Case Presentation by Anna Moise, MD, PGY-4 Speaker has no relevant financial relationships with commercial interests to disclose Visual Impairment and Intracranial Pressure Changes in Astronauts: A Space occupying Lesion? Stephen F. Hart, MD The speakers have no relevant financial relationships with commercial interests to disclose.	1.50 / 1.50
09/18/2015	Neurological Grand Round, Resident Case Presentation Case Presentation by Vaibhav Patel, MD, PGY-4 Speaker has no relevant financial relationships with commercial interests to disclose. Imperturbability and Aequanimitas Ramesh Grandhi, MD The speakers have no relevant financial relationships with commercial interests to disclose	1.50 / 1.50
09/11/2015	Neurological Grand Rounds, Resident Presentation Germinal Matrix-Intraventricular Hemorrhage of the Premature Infant Presented by Derek Clay Samples, MD Department of Neurosurgery Clinical Pathology Conference Presented by James Henry, MD Department of Neurosurgery	1.50 / 1.50
09/04/2015	Neurological Grand Rounds, Practice Guidelines Presentation Case Presentation by Alejandro Tobon, MD Management of Spasticity in Children	1.50 / 1.50

	Sid W. Atkinson, MD Associate Professor and Division Chief, Greehey Family Foundation Chair in Pediatric Neurology	
08/28/2015	Neurological Sciences Grand Rounds, Neurological Sciences Grand Rounds	1.50 / 1.50
08/21/2015	Neurological Sciences Grand Rounds, Neurological Sciences Grand Rounds	1.50 / 1.50
08/14/2015	Grand Rounds, Neurological Sciences Grand Rounds	1.50 / 1.50
07/17/2015	Neurological Grand Rounds, An Overview of Spontaneous Intracerebral Hemorrhage	1.50 / 1.50
06/26/2015	Pediatric tethered cord syndrome	1.00 / 1.00
06/19/2015	Neurological Sciences Grand Rounds	1.00 / 1.50
06/13/2015 - 06/14/2015	ATLS, ATLS 9th edition	17.00 / 17.00
06/12/2015	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
06/05/2015	Grand Rounds, Clinical Pathology Conference	1.50 / 1.50
06/05/2015	Neurological Sciences Grand Rounds, Pulmonary Complications of Spinal Cord Injury	1.50 / 1.58
05/29/2015	Grand Rounds, Ppulmonary Complications of Spine Cord Injury	1.50 / 1.50
05/15/2015	Grand Rounds- Neurology, Recent Advances in Stroke Prevention	1.50 / 1.50
05/08/2015	Grand Rounds, Clinical Pathology Conference	1.50 / 1.50
04/17/2015	Grand Rounds, Toxic Neuropathies and Neuromuscular Disorders	1.50 / 1.50
03/20/2015	Grand Rounds, Immune Mediated Causes of Stroke	1.50 / 1.50
03/06/2015	Neurological Sciences Grand Rounds, Alterations in Resting State Brain Connectivity Associated with Mindfulness Treatment of Chronic Pain in Opioid Addicts	1.50 / 1.50
02/20/2015	Neurological Sciences Grand Rounds, Neuropathic Pain: Paradigms, New Promise	1.50 / 1.50
02/13/2015	Neurological Sciences Grand Rounds, CPC	1.50 / 1.50
02/06/2015	Grand Rounds, Idiopathic Intracranial Hyertension: A review with Focus on Venous Stenting	1.50 / 1.50
05/28/2013	Grand Rounds Connecticut Childrens Medical Center, Controversies in Abusive Heade Trauma	1.00 / 1.00
05/28/2013	Pediatric Gand Rounds, 2013 svok Trauma Symposium Controversies in Abusive Head Trauma	1.00 / 1.00
04/29/2013 - 04/30/2013	AANS, CME'S	10.75 / 10.75
02/11/2013	American Society of Pediatric Neurosurgery, CME's	21.00 / 21.00

01/01/2013	Grand Rounds-Connecticut Children's Medical Center, CME's	2.00 / 2.00
07/01/2012 - 06/01/2013	Connecticut Childrens Medical Center, Surgery Morbidity & Mortality regularly scheduled series	1.00 / 1.00
07/01/2012 - 06/01/2013	Surgical Morbidity & Mortality regularly Scheduled series, CME	1.00 / 1.00
06/01/2012 - 07/01/2013	Connecticut Children's Medical Center, Regularly Scheduled Series: Urology Preoperative	1.00 / 1.00
05/10/2012	Connecticut Children's Medical Center, Tsvok Symposium:Twenty-Five Years of Trauma Care:What have we learned?"	1.00 / 1.00
05/10/2012	Connecticut Children's Medical Center, CME'S- Tsvok Symposium: "Twenty-Five Years of Trauma Care: What have we learned	1.00 / 1.00
04/26/2012	Hartford Hospital- Neurorlogy Grand Rounds, Carotid Reconstructive Surgery-Where We Stand In 2012	1.50 / 1.50
04/26/2012	Hartford Hospital-Neurology Grand Rounds, Carotid Reconstructive Surgery-Where we stand In 2012	1.50 / 1.50
01/26/2012	Functional MRI in Absence Epilepsy, Hartford Hospital	1.50 / 1.50
01/01/2012	Royal College of Physicans and Surgeons, CME'S	293.0 / 293.0
07/01/2011 - 06/01/2012	Connecticut Childrens Medical Center, CME'S Regularly Scheduled Series: Surgical Morbidity and Mortality Conference	3.00 / 3.00
07/01/2011 - 06/01/2012	Connecticut Children's Medical Center, CME'S-Regularly Scheduled Serier: Pediatric Turmor Board	1.00 / 1.00
07/01/2011 - 06/01/2012	Connecticut Children's Medical Center, CME'S Regularly Scheduled Series: Pediatric Tumor Board	1.00 / 1.00
04/09/2011 - 04/13/2011	AANS, 79th Annual Meeting of the AANS in Denver, CO	21.00 / 21.00
01/13/2011 - 06/23/2011	Fletcher Allen Health Care-Grand Rounds, CME'S	3.00 / 3.00
01/13/2011 - 06/23/2011	Surgery Grand Rounds, cmes	3.00 / 3.00
01/06/2011 - 06/23/2011	Neuroscience Grand Rounds-Fletcher Allen Health Care, CME'S	4.00 / 4.00
01/06/2011	Neurosciences Grand Rounds-Fletcher Allen Health Care, CME'S	4.00 / 4.00
01/01/2011 - 04/13/2011	AANS	49.00 / 49.00
06/19/2010	New England Neurological Socieity, Annual mtg: scientific session 4: oral abstracts*Chatham, MA	1.50 / 1.50
06/19/2010	New England Neurological Society, Annual mtg: invited lecturer 3: spine surgery: to rocket science & back*Chatham, MA	0.50 / 0.50
06/19/2010	New England Neurological Society, Annual mtg: invited lecturer 2: current socioeconomic issues facing the	0.50 / 0.50

	AANS*Chatham, MA	
06/19/2010	New England Neurological Society, Annual mtg: scientific session 3: oral abstracts*Chatham, MA	1.25 / 1.25
06/18/2010	New England Neurological Society, Annual mtg: invited lecturer 1: valuing neurosurgery under federal healthcare reform*Chatham, MA	0.50 / 0.50
06/18/2010	New England Neurological Society, Annual mtg: scientific session 1: oral abstracts*Chatham, MA	1.50 / 1.50
06/18/2010	New England Neurosurgical Society, Annual mtg: scientific session 2: oral abstract Chatham, MA	1.50 / 1.50
01/14/2010 - 06/24/2010	Neuroscience Grand Rounds, Fletcher Allen Health Care	7.00 / 7.00
01/07/2010 - 06/24/2010	Neuroscience Grand Rounds, Fletcher Allen Health Care	1.00 / 1.00
01/07/2010	Neruroradiology Conference, Fletcher Allen Health Care, Burlington, VT	1.00 / 1.00
01/01/2010	Royal College of Physican and Sergeons, Maintenance of certification credits-Canada*	16.25 / 16.25
12/03/2009	AANS, Pediatric section annual mtg: wed. sci. sessions/questions writing for SANS & ABPNS*Boston, MA	7.00 / 7.00
12/02/2009	AANS, Pediatric section annual mtg: wed. sci. sessions/questions writing for SANS & ABPNS*Boston, MA	7.50 / 7.50
12/01/2009 - 12/04/2009	2009 AANS/CNS Pediatric Neurology Surgery, Boston,MA SCI. Sessions/NF 1 Symposium	6.25 / 6.25
09/03/2009 - 12/17/2009	Neuroscience Grand Rounds, Fletcher Allen Health Care Burlington, VT	4.00 / 4.00
09/03/2009 - 12/17/2009	Surgery Grand Rounds, Fletcher Allen Health Care Burlington, VT	2.00 / 2.00
05/06/2009	AANS, AANS Breakfast sem: intracranial endoscopy*San Diego, CA	2.00 / 2.00
05/06/2009	AANS/Exhibits, AANS/CNSSection on neurotrauma session*San Diego, CA	2.75 / 2.75
05/05/2009	AANS/Exhibits, AANS/CNS Section on pediatrics session*San Diego, CA	2.75 / 2.75
05/04/2009	AANS, AANS breakfast sem: intramedullary spinal cord tumors*San Diego, CA	2.00 / 2.00
05/04/2009	AANS/Exhibits, AANS Annual meeting: scientific session iv- pediatric*San Diego, CA	2.50 / 2.50
04/01/2009 - 06/19/2009	New England Neurosurgical Society, Annual Meeting-Chatham,MA	7.50 / 7.50
01/08/2009 - 06/25/2009	Neuroradiology Conference, Fletcher Allen Health Care Burlington, VT	5.00 / 5.00
01/08/2009 - 06/25/2009	Surgery Grand Roudns, Fletcher Allen Health Care Burlington, VT	2.00 / 2.00
01/08/2009 - 06/11/2009	Neuroscience Grand Rounds, Fletcher Allen Health Care Burlington,	6.00 / 6.00

	VT	
01/01/2009 - 01/05/2009	Royal College of Surgeons, Maintenances of Certification Credits-Canada	51.75 / 51.75
09/04/2008 - 12/18/2008	Neuroscience Grand Rounds, Fletcher Allen Health Care Burlingtonm VT	2.00 / 2.00
09/04/2008 - 12/18/2008	Surgery Grand Rounds, Fletcher Allen Health Care Burlington,VT	1.00 / 1.00
06/29/2008 - 07/02/2008	13th International Symposium on Pediatric Neuro Oncology, Chicago Marriott Downtown Magnificent Mile	43.23 / 43.25
06/19/2008	AANS, New England Neurosurgical Society, Chatham, MA	7.50 / 7.50
03/24/2008	Crew Resource Management Training, Burlington, VT	6.00 / 6.00
01/10/2008 - 06/26/2008	Surgery Grand Rounds, Fletcher Allen Health Care, Burlington, VT	1.00 / 1.00
01/03/2008 - 06/12/2008	Orthopaedics and Rehab Grand Rounds, Fletcher Allen Health Care Burlington, VT	1.00 / 1.00
01/02/2008 - 06/25/2008	Pediatric Grand Rounds, Fletcher Allen Health Care, Burlington, VT	1.00 / 1.00
01/01/2008 - 01/05/2008	Royal College of Physicans and Surgeons, Course: Maintenance of Certification credits-Canada	45.00 / 45.00

Teaching

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
10/05/2015	Baptist Health System, Physican Orientation On-Line Activity	1.00 / 1.00

TEACHING**OTHER TEACHING:*****Group Instruction***

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
12/2015 - Present	Advanced Trauma Life Support	LINRON Training	20

LINRON Bioskills Training Institute is an approved ATLS training site. It provides participants with a concise, safe and reliable approach to assessing and managing injured patients. It has been providing courses since April 2015. Because of my expertise in traumatic brain injury, spinal injury, and patient assessment, the institute invited me to become an instructor. My experience as a board- certified general and pediatric neurosurgeon gives me the background needed to satisfy the critical educational needs of physicians, physician assistants, nurse practitioners, EMT personnel, and other medical professionals who are responsible for the care of trauma patients. I will be involved in the two day hands-on skills session and ATLS refresher course in simulated trauma settings that will teach doctors life-saving skills and a standardized approach to trauma care in an interactive format. Linron Bioskills Training Institute is approved by the American College of Surgeons to provide ATLS training. It offers four to six ATLS classes a year.

Individual Instruction

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
09/2015 - 09/2015	Oral Board Prep <i>Instructed PGY5 Colin Son regarding cases involving tethered cord, fatty filum, and pineal region tumor.</i>	UT Health Science Center	1
09/2015 - 09/2015	Visiting Medical Student-James Murchison <i>Supervised medical student rotation in neurosurgery. I held individual meetings once a week to go over the personal goals of each student as well as weekly group meetings to cover important neurosurgical topics.</i>	University of Texas Health Science Center at San Antonio	1
09/2015 - 09/2015	Visiting Medical Students-Stephen Riela <i>Supervised medical student rotation in neurosurgery. I held individual meetings once a week to go over the personal goals of each student as well as weekly group meetings to cover important neurosurgical topics.</i>	University of Texas Health Science Center at San Antonio	1
08/2015 - 09/2015	Medical Student Michael Meyers <i>Supervised medical student rotation in neurosurgery. I held individual meetings once a week to go over the personal goals of each student as well as weekly group meetings to cover important neurosurgical topics.</i>	University of Texas Health Science Center at San Antonio	1
08/2015 - 09/2015	Medical Student- Evan Marshall Luther <i>Supervised medical student rotation in neurosurgery. I held individual meetings once a week to go over the personal goals of each student as well as weekly group meetings to cover important neurosurgical topics.</i>	University of Texas Health Science Center at San Antonio	1
08/2015 - 09/2015	Student Rotation: Sam Tavakoli <i>Supervised medical student rotation in neurosurgery. I held individual meetings once a week to go over the personal goals of each student as well as weekly group meetings to cover important neurosurgical topics.</i>	University of Texas Health Science Center at San Antonio	1
08/2015 - Present	Physician Assistant Neurosurgery-Matt Musick <i>I am responsible for supervising Matt Musick, our new physician's assistant, who was hired to be the mid-level provider at our NCB location. I created a teaching curriculum for Matt and meet with him at least once a week to go over topics that we encountered during his six</i>	University of Texas Health Science Center at San Antonio	1

Post Graduate Rotation Supervision

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
02/2015 - Present	Supervision of Resident Rotation	University of Texas Health Science Center at San Antonio	3

The residents I supervised were Ian Mc Dougall MD, (three month rotation), Vaibhav Patel, MD, (three month rotation), and Derek Samples MD, (six month rotation).

01/2009 - 05/2009	Residency Review Committee	University of Vermont	10
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At UVM, I was highly involved in the global process of the Residency Review Committee (RCC) document submitted in April 2009. I was in charge of updating the specialty Program Information Form (PIF) from page 31-83. I made sure our objectives were in line with the clinical competency committee criteria and required milestones.

Rotation Student Supervision

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
06/2015 - Present	Director of Undergraduate Medical Education	University of Texas Health Science Center at San Antonio	20

As the director of undergraduate medical education, I am in charge of developing the curriculum for the medical student neurosurgical rotation at the UTHSCSA. I meet with each student on the first day of their rotation and go over the objectives of their rotation. We review their schedule together, adjust it to suit their individual interests, and make sure that it still meets the standard requirements for a 3rd or 4th year medical student neurosurgery rotation. I meet with the students once or twice a week to discuss planned topics and ensure they are fulfilling their goals during their rotation. Students are also encouraged to work on a presentation at the end of their rotation, so I periodically evaluate their progress in order to determine if they need any assistance completing that project (see attached document).

Visiting Graduate Students

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
07/2009 - 08/2009	Student Mentoring VCHIP Research Project	University of Vermont	1

The University of Vermont College of Medicine through the Vermont Child Health Improvement Program (VCHIP) created a partnership alliance to fund summer research projects with the goal of improving the quality of health care services offered to the pediatric patient population treated at Fletcher Allen Health Care and Vermont Children's Hospital. In 2009, I was approached by the VCHIP organizers to see if I wanted to collaborate with them by providing any assistance I could spare, seeing as I was the sole pediatric neurosurgeon covering the entire state of Vermont and upstate New York region. Alexander Hogan, a first year student (M.D. 2008-2012) from Icahn School of Medicine at Mont Sinai, NY, was assigned to me as a student mentor to help me complete a summer project funded by VCHIP. Alexander worked under my daily supervision to create an informational flyer describing hydrocephalus in both adult and pediatric patients. The flier contained valuable information, including symptoms of shunt malfunction or infection, contact information, and initial management steps. Alexander also maintained a UVM-based hydrocephalus website called: "Madi's Fund." The website was originally created by Debra Poplawski, the mother of a hydrocephalus patient named Madi. The website needed to be updated and expanded into a more interactive format that could feature key speakers who would be attending upcoming

Madi's Day lectures. With constant supervision, the summer project was completed over a period of five weeks and resulted in a helpful flyer that was distributed among our clinics and a website that was able to more effectively educate patients and parents (see attached document).

RESEARCH

EXPERTISE:

Medical Director at North Central Baptist - I have monthly meetings in which I work with the trauma coordinator and the directors of general neurosurgery, pediatric neurosurgery, and the adult service line in order to promote neurosurgical growth at North Central Baptist.

Medical Director/Tethered Cord Clinic - I am in charge of the multidisciplinary tethered cord clinic. I meet with the pediatric service line director to create collaborations between pediatric urology, pediatric neurosurgery, pediatric rehabilitation, pediatric orthopedics, and child protective services (CPS).

Pediatric Trauma - Liaison - I meet with the pediatric service line director to create collaborations between pediatric urology, pediatric neurosurgery, pediatric rehabilitation, pediatric orthopedics, and child protective services (CPS).

Spasticity Clinic - I meet with the pediatric service line director to create collaborations between pediatric urology, pediatric neurosurgery, pediatric rehabilitation, pediatric orthopedics, and child protective services (CPS).

PROJECTS:

Clinical Research

01/2003-01/2006

Research-Obsessive- Compulsive Disorders and Psychosurgery, During my residency, I collaborated with Claude Picard, MD, a functional neurosurgeon, and Sophie Chantal, PhD, a neuropsychologist, on a research project examining obsessive compulsive disorders and psychosurgery. The goal of the research project was to validate psychosurgery results for cases of obsessive compulsive disorder that were refractory to standard medical treatment. We collaborated with psychiatry to get a standardized referral pattern for these complex patients. We also standardized the neuropsychological testing for preoperative and postoperative patients. We worked on getting the surgical goals standardized at our institution. We had the equivalent of an IRB proposal for this project with our teaching institution's ethics committee. Our goal was to score the patient's level of function pre and postoperatively with standard neuropsychological testing scales. A success was recorded if the patient's symptoms improved enough to be able to function independently and return to a somewhat normal quality of life.

I worked on the initial research document, which included a historical overview of psychosurgery, an updated review of the literature, indications for psychosurgery, descriptions of neuropsychological testing, descriptions of surgical technique, and a detailed protocol that measured postoperative imaging changes and correlated them with clinical improvement. Once I left my teaching institution, this research project continued. In 2004, I presented the ongoing project in a research course

entitled: Intervention and Clinical Trials.

Collaborative Research

- 02/2015-Present Role of Urodynamic Studies in Tethered Cord Patients, I am currently the principle investigator of a research project examining the role of preoperative and postoperative urodynamic studies in predicting tethered cord patient recovery and describing urodynamic patterns of progression based on tethered cord etiology. I am working in collaboration with Dr. Juan Prieto, a pediatric urologist at Methodist Children Hospital, Derek Clay Samples, a second year resident in our neurosurgery program, and Jeffrey White, a fifth year urology resident from the UTHSCSA Department of Urology.
- 01/2012-10/2013 Role of Urodynamic Studies in Tethered Cord Patients, I collaborated with Dr. Phillip Smith from the Department of Urology at the Connecticut Children's Medical Center concerning the role of urodynamic studies in pediatric tethered cord patients.
- 06/1996-10/1996 Project - B3–Adrenergic agonists and their role in the treatment of obesity, This summer research project, which was funded by the Association Quebecoise du Diabete/Diabete Quebec when I was a first year medical Student at Sherbrooke University, examined Beta 3 –Adrenergic agonists and their role in the treatment of obesity. I worked with PhD student Francois Dallaire under the supervision of Louis Bukowiecki, PhD in the Department of Anatomy and Physiology. In October 1996, we gave an oral presentation of our preliminary results at the annual provincial endocrinology meeting in Quebec.

Research Projects

- 07/2009-09/2009 Vermont Child Health Improvement Program (VCHIP), The Vermont Child Health Improvement Program (VCHIP) created a partnership alliance to fund summer research projects with the goal of improving the quality of health care services offered to the pediatric patient population. In 2009, Alexander Hogan, a first year student from Icahn School of Medicine at Mont Sinai, NY, was assigned to me as a student mentor to help me complete a summer project funded by VCHIP. I supervised Alexander's project, which consisted of designing an informational flyer for adult and pediatric hydrocephalus patients and updating an educational hydrocephalus website, "Madi's Fund."

PUBLICATIONS: (*' indicates Peer Reviewed)

Abstract

- * 1. Tarasiewicz I, Fanous AA, Dumont T. Split-thickness decompressive cranioplasty 2010 Jun. (NENS).
- * 2. Tarasiewicz I, Berthelet F, Bojanowski, M. Pseudoneoplasie calcifiante intracranienne Elsevier-Journal; 2005. (Neurochirurgie; vol. 51, no. 5).

Book Chapter

1. Jimenez F David, Tarasiewicz I. In: Jimenez F David, Tarasiewicz Izabela.

Endoscopic Neurological Surgery/ Chapter Thirteen; Tumor and Resection.
Jaypee;

Journal Article

- * 1. White Jeffrey, Samples Derek C, Prieto Juan, Tarasiewicz I. Systematic Review of Urology Outcomes from Tethered Cord Release in Occult Spinal Dysraphism in Children Current Urology Reports 2015 Oct
- * 2. Tarasiewicz I, Murray RD, Penar PL, Filippi CG. Radiographically distinct variant of pilocytic astrocytoma: a case series J Comput Assist Tomogr. 2011 Jul;35(4):495-497.
- * 3. Tarasiewicz I, Salmela MB, Cauley KA, Andrews T, Gonyea JV, Filippi CG. Magnetic resonance diffusion tensor imaging of the optic nerves to guide treatment of pediatric suprasellar tumors. Pediatric Neurosurgery 2009;45(6):467-471.
- * 4. Tarasiewicz I, Berthelet F, Bojanowski M.. Intracranial Calcifying Pseudoneoplasm The Canadian Journal of Neurological Science 2006 Jan;33(1):S52

PRESENTATIONS:

- 08/2015 Pediatric tethered cord syndrome, BHS Pediatric Clinical Council CME, Pediatrics, BHS, San Antonio, TX (Sole Presenter)
- 08/2015 Ventriculostomy and EVD, Essential Skills for the Advanced Practice Provider, AANS advanced practice provider course, AANS, San Antonio, TX (Sole Presenter)
Details: Hands-On Practical Clinic From Cranial to Spine: An Overview of Neurosurgical Topics for the Advanced Practice Provider
- 06/2015 Pediatric tethered cord syndrome, Pediatric Grand Rounds, Department of Pediatric, University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)
- 05/2015 Practical Clinic: EVD insertions, AANS-Annual Scientific Meeting, Mid-level Provider Course, AANS, Washington, DC (Co-Presenter)
- 05/2015 Myelomeningocele Care, North Central Baptist Nursing/Staff Educational Meeting, Nursing and Staff involved in NICU Care, North Central Baptist, San Antonio, TX (Sole Presenter)
Details: Overview on Myelomeningocele Care after birth.
- 07/2013 Hydrocephalus, TUFTS school of medicine, Boston, MA (Sole Presenter)
Details: Lecture- First year student PA Program
- 07/2013 Tethered cord/spinal dysraphism, Tufts University, Boston, MA (Sole Presenter)
Details: Lecture- First year PA students
- 02/2013 Tethered cord: when and why should we untether?, American Society of Pediatric Neurosurgery Meeting, HI (Sole Presenter)
Details: Role of preop USD
- 08/2011 Didactic surgery clerkship " Common Neurosurgical problems" for 3rd year medical

- students, Burlington, VT (Sole Presenter)
- 01/2011 Tethered cord syndrome, Grand Rounds, University of Chicago, Chicago, IL (Sole Presenter)
- 06/2010 Didactic surgery clerkship Common Neurosurgical problems for 3rd year medical students, University of Vermont, Burlington, VT (Sole Presenter)
- 06/2010 Split-thickness decompressive cranioplasty case presentation, New England Neurosurgical Society (NENS) Annual, Annual Meeting, NENS, Chatham, MA (Co-Author)
Details: 06/2010 Split-thickness decompressive cranioplasty, case presentation . New England Neurosurgical Society (NENS) Annual Meeting, Chatham MA Fanous AA, Dumont T, Tarasiewicz I (senior author)
- 04/2010 Pediatric Traumatic Brain Injuries-Current managements and newest trends, Children's Hospital Of Eastern Ontario, Ottawa, Canada (Sole Presenter)
Details: Pediatric Critical Care Academic Workshop
- 03/2010 Traumatic brain injury, Pathophysiology and Management Course for 4th year medical students, Trauma workshop, UVM College of Medicine, Burlington, VT (Sole Presenter)
- 11/2009 Pediatric Neurosurgery, American Academy of Pediatrics Vermont Chapter Annual Meeting, Neurosurgery, University of Vermont, Randolph, VT (Sole Presenter)
- 06/2008 CNS Infections :Pathophysiology, mandatory course for 2 year medical students, College of Medicine, University of Vermont, Burlington, VT (Invited Speaker)
Details: Mandatory course for 2 year medical students 200 students attending course.
- 05/2008 Funny Head shapes/craniosynostosis, Grand Rounds, University of Vermont, Burlington, VT (Sole Presenter)
Details: Fletcher Allen Health Care
- 05/2008 When & What to Refer to Pediatric Neurosurgery, Pediatric Neurosurgery, Canada (Sole Presenter)
Details: Grand Rounds
- 04/2008 Pediatric Spinal Injuries, Grand Rounds, Pediatric Neurosurgery, Vermont, VT (Sole Presenter)
Details: UVM College of Medicine
- 03/2007 Pediatric Spinal Cord Injuries, Surgical Grand Rounds, Evanston, IL (Sole Presenter)
Details: Northwestern University
- 10/2006 Optic Pathway Gliomas, Academic Day, Evanston, IL (Sole Presenter)
Details: Northwestern University
- 06/2006 Intracranial calcifying pseudoneoplasm, Congress of Neurological Surgeons, Montreal, Canada (Sole Presenter)
Details: Poster Presentation

- 11/2005 Pseudoneoplasie calcifiante intracâniene, Société de Neurochirurgie de Langue Francaise Annual Meeting, Paris, France (Co-Author)
Details: Poster Presentation-Bojanowski M., Berthelet F:
- 06/2005 Pediatric Head Trauma, International interdisciplinary Conference, Emergencies/Congrès International Interdisciplinaire sur les urgences, Quebec, Canada (Sole Presenter)
- 01/2003 Le lymphome primitif du système nerveux central., Quebec Neurosurgeon Annual Congress, Québec, Canada (Sole Presenter)
- 01/2002 La spaticité et les pompes à Lioresal (Baclofen), Quebec Neurosurgeon Annual Congress, Neurosurgery, Québec, Canada (Sole Presenter)
- 01/1996 B3-Adrenergics Agonists and Obesity. Results, Quebec Diabetes Association Annual Congress, Quebec Diabetes Association, Quebec, Canada (Sole Presenter)

SERVICE

PATIENT CARE:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
09/2015-Present		PA Supervisor	Attending Physician
<i>At North Central Baptist, I am the attending physician responsible for the supervision of Matt Musick, PA-C, with regard to his inpatient, outpatient, and OR patient care.</i>			
04/2015-Present	Inpatient	North Central Baptist Hospital	Attending Physician
<i>I am the attending physician on call 24/7 for pediatric and adult neurosurgery cases. I also supervise residents and direct patient care in the clinical setting, inpatient setting, and operative setting.</i>			
04/2015-Present		St. Luke's Baptist Hospital	Attending Physician
<i>I am the attending physician on call 24/7 for pediatric and adult neurosurgery cases. I also supervise residents and direct patient care in the clinical setting, inpatient setting, and operative setting.</i>			
02/2015-Present	Inpatient	University Hospital	Attending Physician
<i>I am the attending physician on call 24/7 for pediatric and adult neurosurgery cases. I also supervise residents and direct patient care in the clinical setting, inpatient setting, and operative setting.</i>			

SERVICE TO THE INSTITUTION:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
09/2015-Present	Department	Chair of the Pediatric Service Line	Chair-Elect
<i>I was elected as the president of the new pediatric clinical council and chair of the pediatric</i>			

service line for a two year appointment. The position involves monthly meetings with the pediatric clinical council to improve pediatric patient care at North Central Baptist in a collaborative environment.

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|---|------------|--|-----------|
| 08/2015-Present | Department | ICD-10 Liaison | Liaison |
| <i>As the ICD-10 liaison for the Department of Neurosurgery, I am responsible for all updates related to ICD-10 coding. I attend monthly meetings with my colleagues to provide reports and develop ongoing coding improvement strategies.</i> | | | |
| 08/2015-Present | University | Diversity Liaison | Liaison |
| <i>I am in charge of drafting diversity-related materials for the Department of Neurosurgery, including a document reporting our diversity status and a diversity plan for 2015-2016.</i> | | | |
| 08/2015-Present | Hospital | Pediatric Cervical Clearance Protocol | Co-Leader |
| <i>I designed and updated a pediatric cervical clearance protocol for all trauma patients transferred to University Hospital, a level one trauma center.</i> | | | |
| 07/2015-Present | Hospital | Non-accidental trauma NAT protocol | Co-Leader |
| <i>With the help of Child Protective Services and trauma specialists, I designed a checklist detailing the appropriate work-up for pediatric, non-accidental trauma patients for use throughout University Hospital.</i> | | | |
| 05/2015-Present | Hospital | NCB NICU Staff Educator | Co-Leader |
| <i>We presented an overview of myelomeningocele patient post-natal care to NICU nursing personnel, medical staff, and support staff. This included transport criteria, wound care protocols immediately following birth, pre-operative nursing/dressing protocols, and wound/patient care protocols for the post-operative period.</i> | | | |
| 04/2015-Present | Hospital | Pediatric Trauma Liaison at North Central Baptist Hospital | Liaison |
| <i>As the pediatric trauma liaison at North Central Baptist Hospital, I meet with the Pediatric Service Line Director to create collaboration with PICU, hospitalists, pediatricians, ER doctors, and the regional trauma coordinator for the Baptist Health System, Amy Schopperth. We were tasked with developing mild traumatic injury protocol and concussion protocol for North Central Baptist (a level three mild TBI center). Since April 2015, I have attended many meetings and collaborated with many individuals to develop a reliable, efficient triage algorithm/protocol. The result was shared with ACCESS, the NCB phone triage system, to provide better care for this patient population (see document).</i> | | | |
| 04/2015-Present | Hospital | Adult Trauma Liaison at NCB | Liaison |
| <i>The role of adult trauma liaison for North Central Baptist involved collaborating with Amy Schopperth, the regional director of trauma services for the entire Baptist Health System. We worked together to develop policy guidelines for the transfer and acceptance of patients with mild traumatic brain injury at NCB (see attached documents). I also worked on admission order sets for those patients.</i> | | | |
| <i>The meetings with Amy Schopperth also involved the CEO of the hospital, Dr. Bown, the ER MD, Dr. Dilworth, the trauma surgeon, and Dr. Fein, the hospitalist.</i> | | | |
| 04/2015-Present | Hospital | Medical Staff/Hospital Staff Educator | Director |
| <i>As the medical director of neurosurgery at North Central Baptist Hospital, the new chair of the pediatric service line, and the new president of the pediatric clinical council at NCB, it is my job to supervise the expansion of the neurosurgery department. One of my first goals was to review all the trauma patients that had been transferred via MEDCOM from the Baptist system to another trauma institution in order to determine whether or not there was a population of patients that could be safely kept and treated at NCB now that we provide neurosurgical coverage. Together with Dr. Bown, a level four trauma medical director, and</i> | | | |

Amy Schopperth, RN, the regional trauma director, we reviewed all the patients that were transferred from any Baptist ER facility to a level one trauma center.

After realizing that 80-90% of these patients could have remained in the Baptist Health System if they had been transferred to our level three trauma center, we created new transfer and admission guidelines, admission orders, and designed/updated educational presentations for the NCB nursing and medical staff. I had meetings with several nursing educators, including:

Robyn Stowell, RN,CNO

Lisa Dubos, MS, RN-PCNS BC, Pediatric Educator, Staff Development

Thelma Garcia, BSN,RN,CCRN Regional Staff Development Educator

Jennifer Degner, RN ,Trauma Program Manager

02/2015-Present	University	Medical Student Curriculum	Liaison
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02/2015-Present	Hospital	Pediatric Trauma Liaison/University Hospital	Liaison
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I attend monthly meetings with the trauma team to review our standards of care for level one and level two trauma patients. By redesigning our patient care protocols, we were able to greatly improve patient care. After I met with Child Protective Services and trauma specialists regarding non-accidental head injuries, we developed a NAT (non-accidental trauma) checklist in order to more efficiently diagnose patients and achieve the best patient care outcome possible. This checklist has been implemented throughout the entire university hospital system. We have recently started using it at North Central Baptist Hospital as well.

02/2015-Present	Department	Medical Director for Neurosurgery at NCB Hospital	Director
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I was hired at UTHSCSA to grow the pediatric neurosurgery practice and expand our role at the North Central Baptist Hospital. To accomplish this, I was named the medical director of Neurosurgery at NCB and began to work on collaborative approaches that would help us achieve this expansion. My role as the medical director is to supervise the growth of adult and pediatric care in the clinical, outpatient, and inpatient settings. I am also responsible for facilitating the work flow in the operating room; that role involves meeting with many key individuals in NICO, PICU, the OR, the nursing staff, and the administrative staff.

02/2015-Present	Hospital	Leadership Committee at NCB Hospital	Member
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I am an active member of the leadership committee at North Central Baptist Hospital. We hold monthly meetings where members from different specialties and administrative leaders discuss ongoing problems, discuss financial matters, or set goals to improve our overall effectiveness in patient care and hospital productivity.

02/2015-Present	Department	Tethered Cord Clinic	Director
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One of the main reasons I was hired by the UTHSCSA Department of Neurosurgery was so that I could help grow the pediatric neurosurgery practice based on my strengths and areas of expertise. With this goal of expansion and patient outreach in mind, I began working closely with Joshua Florence, the director of the pediatric service line at North Central Baptist, in order to create a collaborative, multidisciplinary tethered cord clinic.

I have also been working with Dr. Prieto's group from the pediatric urology department at Methodist Children's Hospital on a clinical research project that we started in March 2015. We are collaborating with physiatry at the CRIT rehabilitation center to offer a multidisciplinary approach to the treatment of this complex patient population.

02/2015-Present	Department	Spasticity Clinic	Member
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I have begun collaborative efforts to establish a strong spasticity clinic in San Antonio. To that end, I am working with Joshua Florence, the director of the pediatric service line at

North Central Baptist,

Dr. Atkinson, a pediatric neurologist at UTHSCSA, Dr. Tomasovic, a pediatric neurologist at NCB, the PICU team from NCB, and the CRIT rehabilitation center (which has collaborators from PT, OT, and physiatry). Our work with the PICU team is particularly important because their procedure suite will allow us to easily and safely offer baclofen trials to patients under sedation in a well-organized, structured environment.

02/2012-10/2013 Spasticity Clinic Member

I was an active member of the spasticity clinic at CCMC, which included pediatric neurology, physical therapy, and pediatric orthopedic surgery. We met once a month to review cases requiring tone management therapy. I volunteered my tethered cord clinic coordinator to assist the coordination of the new spasticity/tone management clinic. Together, our group redefined every provider's role in the clinic, enhanced referral patterns, and facilitated clinic flow (see attached document).

01/2012-10/2013 Hospital Medical Director of Tethered Cord Clinic Director

Completing a pediatric neurosurgery fellowship at Children's Memorial Hospital in Chicago afforded me the opportunity to study a vast array of congenital spinal dysraphism cases. My fellowship training institution has one of the biggest, busiest spina bifida clinics in the United States. One of my mentors, Dr. McLone, was a pioneer who recognized this condition early on and published many papers that described how to manage it. He and Dr. Robin Bowman were in charge of the spina bifida clinic while I was attending as a fellow. I redefined the role of a clinic coordinator/navigator for this clinic. That experience provided me with the tools I needed to use a multidisciplinary approach to start my own tethered cord clinic once I began my neurosurgical career.

I worked closely with Pediatric Urologist Dr. Gerald Mingin and Pediatric Physiatrist Dr. Scott Benjamin to start a multidisciplinary clinic at UVM/Fletcher Allen Health Care from 2008-2011. At Connecticut Children's Medical Center, I was able to organize a multidisciplinary setting to start a tethered cord clinic that was more inclusive than standard spina bifida clinics. Spina bifida clinics frequently treat only severe myelomeningocele cases; they did not include the less severe spinal dysraphism that still require a multidisciplinary approach, such as lipoma and fatty fila cases, among others. Our clinic had team members from pediatric orthopedic surgery, pediatric physiatry, pediatric urology, pediatric neurosurgery, physical therapy, and orthotic specialists; it was specifically designed to care for different severities of spinal dysraphism cases.

The clinic took place monthly. In the morning, the coordinator and the medical director of the clinic met to go over the patient schedule. Then, the patients were allocated to examining rooms where the different specialists saw them. At the end of the clinic, the medical director and coordinator would meet with every specialist involved in patient care to arrange follow-up visits, imaging appointments, or any further testing that was necessary. I was able to find all the ICD-9 codes necessary that allow us to bill each patient visit's appropriately and separately. I also maintained a binder containing each patient's information and reorganized patient charts to make clinical flow more efficient.

01/2012-10/2013 Department Plagiocephaly clinic Member

While I was a member of the positional plagiocephaly clinic, I updated referral patterns and tracked the involvement of physiatrists and physical therapists (see document). Other active clinical participants included:

*Kerri Langevin, NP, Craniofacial
Paul Kanev, MD, Neurosurgery
Edwin Cruz-Zeno, MD, Physiatry*

07/2009-08/2009 School Student Mentoring-VCHIP Research Mentor

I mentored Alex Hogan, a student from Mt. Sinai Medical School, and supervised his creation

of a hydrocephalus flyer that was distributed at neurosurgery clinics. Alex also updated an educational hydrocephalus website called "Madi's Fund."

01/2009-12/2011	Hospital	Women in Surgery Liaison/Member and Organizer	Co-Leader
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The purpose of the Women in Surgery Committee was to promote diversity by providing role models and mentorship to young, female medical students and residents who are pursuing a surgical career pathway. I was a cofounder of the committee, but the surgical department chair at UVM also appointed me to the position of group organizer. I was in charge of organizing monthly meetings and selecting potential candidates for the annual lecture.

01/2009-05/2009	University	RRC : Residency Review	Co-Editor
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At UVM, I was highly involved in the global process of the RRC document that we submitted in May of 2009. I was in charge of updating the specialty program information form (PIF) and rewriting the curriculum from pages 31-83 with objectives that were in line with the clinical competency committee criteria and required milestones (see included copy).

02/2008-12/2011	Hospital	Pediatric Tumor Board at UVM Children's Hospital	Co-Leader
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After completing my fellowship at Children's memorial Hospital/Northwestern University where my fellowship mentor Dr. Tadanori Tomita was a world renown neurosurgeon specializing in pediatric brain tumors, I was exposed to edifying tumor board meetings once a week with pediatric neurology, pathology, pediatric neurosurgery, pediatric oncology, and multiple clinic coordinators.

This multidisciplinary approach allowed the Children's oncology and neurosurgery groups to offer care and second or third opinions to patients from all over the world.

Because that tumor board experience was so valuable, I wanted to recreate that multidisciplinary modality for the benefit of our patients in Vermont and upstate New York. I organized a structured pediatric tumor board meeting once a month where difficult cases were discussed, imaging was reviewed, and plans were made to optimize patient management.

The participants involved included: pedi Neuroradiology Dr. Christopher Filippi from pediatric neuroradiology, Dr. Louisa Kalsner from pediatric neurology, and Alan Homans and Heather Bradeen from pediatric oncology (see letter).

SERVICE TO THE PUBLIC:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
09/2015-Present		Head International Medical Missions	Volunteer

Started a missions program with HIMM-Haiti (Heal International Medical Missions).

03/2015-Present		Director of Medical Humanitarian Missions	Director
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One of the reasons why I was hired by the UTHSCSA was to start a humanitarian mission program with the goal of providing ongoing neurosurgical services to populations in need. Those missions were also meant to serve as teaching/training opportunities for our residency program members.

I have been involved with Project Medishare since 2014, when I joined the University of Miami's pediatric group under the leadership of pediatric neurosurgeon Dr. Ragheb. We traveled as the two sole neurosurgeons with many other nurses, residents and medical students from both the United States and Canada. We went to Hospital Bernard Mevs in Port-au-Prince, Haiti to see clinic patients and schedule them for neurosurgical procedures.

Because there was a dearth of local physicians who could provide neurosurgical coverage,

Project Medishare recently made a commitment to organize adult and pediatric neurosurgery training programs in Haiti. Our neurosurgical group at the UTHSCSA has volunteered to provide mentorship to those programs. The first training trips are scheduled to start after October 2015.

Through Health International Medical Missions (HIMM), with the collaboration of neurosurgeon Juan Padilla, we will organize a neurosurgery mission trip to Haiti in November 2015 (see proposal). We will look at the new hospital site and determine the neurosurgical needs of the surrounding area.

01/2014-01/2014 Medishare for Haiti Volunteer
Throughout 2014, I participated in mission programs that took place in Haiti.

PROFESSIONAL AFFILIATIONS:

Dates

Organization

08/2015-08/2017 Nominated Chair Pediatric Clinical Service Line

***Additional Details:** President of Pediatric Clinical Council at North Central Baptist Hospital*

05/2015-Present Congress of Neurological Surgeons

***Additional Details:** CNS*

05/2015-Present Texas Association of Neurological Surgeons

***Additional Details:** TANS*

01/2013-Present American Society of Pediatric Neurosurgeons

***Additional Details:** ASPN*

01/2009-Present American Association of Neurological Surgeons

***Additional Details:** AANS*

01/2009-Present International Society for Pediatric Neurosurgeons

***Additional Details:** ISPN*

01/2008-01/2013 New England Neurological Society

01/2006-Present Fellow of the Royal College of Surgeon of Canada

Additional Details: Neurosurgery**COMMITTEES (OTHER):****DEPARTMENT**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
07/2015-Present	SOM Diversity Committee, University of Texas Health Science Center at San Antonio, Medicine, Department of Neurosurgery	Liaison
02/2015-Present	Leadership Committee, North Center Baptist, Medicine, Neurosurgery	Member

HOSPITAL

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
04/2015-Present	Trauma Liaison, North Central Baptist, Medicine, Trauma/Neurosurgery	Liaison
02/2015-Present	Pediatric Trauma Liaison, University Health System, University of Texas Health Science Center at San Antonio, Neurosurgery	Liaison
01/2012-11/2013	Spasticity Clinic, CCMC, University of Connecticut, Neurosurgery	Member
01/2012-01/2013	Medical Director of the Multidisciplinary Tethered Cord Clinic, school of medicine, Neurosurgery	Member
01/2009-12/2011	Faculty Development Advisory Committee, Fletcher Allen Health Care, Medicine, Neurosurgery	Member

OTHER

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2009-01/2014	Journal of the American Academy of Pediatrics <i>Reviewer, Pediatrics, Journal of the American Academy of Pediatrics</i>	Reviewer
01/2009-01/2011	Women in Surgery Committee, The University of Vermont College of Medicine	Member

UNIVERSITY

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
07/2015-Present	Curriculum Committee, University of Texas Health Science Center at San Antonio, Medicine, Neurosurgery	Member
02/2015-Present	ICD 10 Coding Committee, University of Texas Health Science Center at San Antonio, Medical, Neurosurgery	Member
05/2009-12/2011	Residency Review Committee, University of Vermont School of Medicine, Fletcher Allen Health Care, Neurosurgery	Review Committee
<p><i>At UVM, I was highly involved in the global process of the RRC document that we submitted in May of 2009. I was in charge of updating the specialty program information form (PIF) and rewriting the curriculum from pages 31-83 with objectives that were in line with the clinical competency committee criteria and required milestones (see included copy).</i></p>		
01/2009-01/2011	Transplant Safety and Tissue Committee, University of Vermont, School of Medicine	Member
01/2009-01/2010	Search Committee for position of Chair, University of Vermont College of Medicine, Division of Otolaryngology	Member