

## *Curriculum vitae*

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### Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1981	B.A.	Neuroscience	Amherst College
1989	M.D.	Medicine	Harvard Medical School

### Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
1989	M.D.	Medicine Internship	Massachusetts General Hospital, Boston, MA
1990-1993	M.D.	Neurology Residency	Massachusetts General Hospital, Boston, MA
1993-1995	M.D.	Visiting Fellow in Clinical Neurophysiology	Scientific Institute of San Raffaele Hospital, Milan, Italy
1995-1997	M.D.	EEG & Epilepsy Fellowship	University of California at Los Angeles, Los Angeles, CA

### Current Licensure and Certification

#### Licensure

Texas Medical Board: 1997 to present

#### Board and Other Certification

Diplomate, American Board of Psychiatry & Neurology, 1998 to present, Certificate #45996  
Epilepsy Certification, American Board of Psychiatry & Neurology, 2017 to present, Certificate # 1216  
Certification in Clinical Neurophysiology, American Board of Psychiatry & Neurology, 2001-2011, #1214

## **Honors and Awards**

Year	Name of Honor/Award	Awarding Organization
1980	Phi Beta Kappa	Amherst College
1995	Merritt-Putnam Award	American Epilepsy Society
1996	Topscholar Award	American Epilepsy Society
1997	Outstanding Resident Teaching Award	University of California, at Los Angeles
2000	Outstanding Adult Neurology Faculty Teaching Award	Department of Neurology, U.T. Southwestern Medical Center
2005	Outstanding Adult Neurology Faculty Teaching Award	Department of Neurology, U.T. Southwestern Medical Center
2005-6A	Pre-Clinical Teaching Award: Class of 2009 (MS2)	U.T. Southwestern Medical School
2005-6B	Clinical Teaching Award: Neurology Clerkship, Class of 2006	U.T. Southwestern Medical School
2007	Socrates Award: Class of 2007 and 2008	U.T. Southwestern Medical School
2008	A.B. Baker Teacher Recognition Certificate: American Academy of Neurology Award In Recognition of Outstanding Teachers In Neurology	American Academy of Neurology
2009A	Outstanding Adult Neurology Faculty Teaching Award	Department of Neurology, U.T. Southwestern Medical Center (as selected by adult neurology residents)
2009B	Outstanding Adult Neurology Faculty Teaching Award	Department of Neurology, U.T. Southwestern Medical Center (as selected by pediatric neurology residents)
2010-11	Outstanding Teaching Award (MS2 Class)	U.T. Southwestern Medical School
2013	Graduation Marshall, Class of 2013	U.T. Southwestern Medical School

2014	Regents' Outstanding Teaching Award	The University of Texas
2014	Designated as Distinguished Teaching Professor	U.T. Southwestern Medical School
2015	Elected to Alpha Omega Alpha Honor Medical Society	U.T. Southwestern Medical School
2015	Graduation Marshall, Class of 2015	U.T. Southwestern Medical School
2016	Graduation Marshall, Class of 2016	U.T. Southwestern Medical School
2017	Graduation Marshall, Class of 2017	U.T. Southwestern Medical School
2017	Selected as Keynote Speaker Class of 2017 Senior Banquet	U.T. Southwestern Medical School
2018	Graduation Marshall, Class of 2018	U.T. Southwestern Medical School

### **Faculty Academic Appointments**

Year(s)	Academic Title	Department	Academic Institution
1990-1993	Clinical Instructor of Neurology	Neurology	Massachusetts General Hospital, Harvard Medical School
1995-1997	Clinical Instructor of Neurology	Neurology	UCLA School of Medicine
1997 to 2009	Assistant Professor of Neurology	Neurology	U.T. Southwestern Medical Center
2009-Present	Associate Professor of Neurology	Neurology & Neurotherapeutics	U.T. Southwestern Medical Center

### **Appointments at Hospitals/Affiliated Institutions**

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
1997 to 2009	Assistant Professor of Neurology	Neurology & Neurotherapeutics	U.T. Southwestern Medical Center
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2009 to Present	Associate Professor of Neurology	Neurology & Neurotherapeutics	U.T. Southwestern Medical Center

**Other Professional Positions**

Year(s)	Position Title	Institution
2000	Board Examiner	American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET)
2000, 2001, 2004	Board Examiner	American Board of Clinical Neurophysiology
2005-2014	Peer Reviewer	Archives of Neurology

**Major Administrative/Leadership Positions**

Year(s)	Position Title	Institution
2004 to 2018	Neurology Clerkship Director	U.T. Southwestern Medical School
2004 to Present	Neurology Ambulatory Elective Course Director	U.T. Southwestern Medical School
2018- Present	Assistant Neurology Clerkship Director	U.T. Southwestern Medical School

**Committee Service**

Year(s)	Name of Committee	Institution/Organization
<b><u>UTSW</u></b>		
2004 to 2018	MS3 and MS4 Standing Sub-Committee: Medical Education and Curriculum Committee	U.T. Southwestern Medical School
2004-2018	Student Promotions Committee	U.T. Southwestern Medical School
2009	LCME Subcommittee Member	U.T. Southwestern Medical School
2017 to Present	Neurology Clinical Competency Committee	Department of Neurology & Neurotherapeutics, U.T. Southwestern Medical Center
<b><u>Hospital</u></b>		
2014 to Present	Medical Director, EEG and EMU	Parkland Health & Hospital System

**Professional Societies**

Dates	Society Name, member
1997 to Present	American Academy of Neurology

**Grant Review Activities**

Year(s)	Name of Review Committee	Organization
N/A		

**Editorial Activities**

Year(s)	Journal Name
<u>Ad Hoc Reviewer</u>	
2005-2014	Archives of Neurology

**Grant Support**

<u>Present</u>	
N/A	
<u>Past</u>	
N/A	

**Clinical Trials Activities**

<u>Present</u>	NeuroPace, Inc.
2017 to Present	RNS® System Post-Approval Study In Epilepsy
	Principal Investigator

<u>Past</u>	Schwarz Pharma
2001-2003	Multicenter, double-blind, randomized, placebo-controlled, parallel group trial of the efficacy of three doses of harkoseride (SP-927) as add-on therapy in patients with partial seizures with or without secondary generalization.
	Principal Investigator
2003-2005	UCB Pharma
	A Phase IV, open-label, multicenter, community-based trial studying the safety and efficacy of levetiracetam as add-on therapy in adult patients with treatment resistant, partial –onset epilepsy.
	Sub-Investigator

## Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2003 to 2015	1 lecture in the Clinical Medicine MS2 Course: Seizures & Epilepsy
2016-Present	2 lectures in the Brain & Behavior Course: 1) Epilepsy and Signal Processing I: Clinical Features 2) Epilepsy and Signal Processing II: Treatment
<u>Dissertation committees</u>	
N/A	
<u>Qualifying examination committees</u>	
N/A	
<u>Committees concerned with medical and graduate student education</u>	
N/A	
<u>Graduate student rotations</u>	
N/A	
<u>Medical student rotations</u>	
2004 to Present	6 didactic lectures (2004-2018) or 5 didactic lectures (2019) to Neurology Core Clerkship Students every month
<u>Graduate student trainees</u>	
N/A	
<u>Postgraduate medical education (graduate &amp; continuing medical education)</u>	
1997 to 2009	Neurology Resident Clinical Neurophysiology Lecture Series (Quantitative EEG 1997 to 2008; Intraoperative Monitoring, 1997 to 2009)
1998	UTSW Emergency Medicine Group: "Toxicology of Antiepileptic Drugs"
2003-2007	Critical Care and Trauma Nurse Interns: Seizures and Epilepsy
2003-2007	Physical Therapy Students: Seizures and Epilepsy
2003-2013	Advanced Neuroscience Course For Psychiatry Residents: Seizures and Epilepsy
2004	Internal Medicine Residents: Sleep Medicine
2004-2016	Neurology Residents: Delirium
2006	Sleep Fellowship Lecture Series: Sleep and Seizures
2007-9, 2011	Psychosomatic Medicine Interest Group: Case Presentations in Epilepsy
2009-2011	Neurology Rite Review Course: Seizures and Epilepsy
2010	Internal Medicine Residents: Seizures and Epilepsy
2011-2017	Orientation for PGY2 Neurology Residents: Epilepsy-Approach to History and Exam
<u>Postdoctoral trainees</u>	
N/A	

## Invited Lectures

Year(s)	Title	Location
<u>International</u>		
N/A		
<u>National</u>		
N/A		
<u>Regional/Local</u>		
2001	“Seizures and Epilepsy” (Grand Rounds, Terrell State Hospital)	Terrell, TX
2002	“Frontal Lobe Epilepsy” (Neurology Grand Rounds, UTSW Department of Neurology)	Dallas, TX
2003	“Seizures and Epilepsy” (Grand Rounds, Terrell State Hospital)	Dallas, TX
2004	“Myoclonic Status Epilepticus” (Neurology Grand Rounds, UTSW Department of Neurology)	Dallas, TX
2005	“Adult Diagnosis and Management of Tuberous Sclerosis Complex” (Tuberous Sclerosis Alliance Regional Symposium)	Dallas, TX
2005	“Second Generation Antiepileptic Drugs” (Medicine Grand Rounds, Presbyterian Hospital)	Dallas, TX
2006	“Second Generation Antiepileptic Drugs” (G(Neurology Grand Rounds, UTSW Department of Neurology)	Dallas, TX
2008	“Using The EEG In Making Medical Decisions” (5 <sup>th</sup> Annual Pediatric Epilepsy and Movement Disorder Symposium)	Fort Worth, TX
2009	“Adults With Tuberous Sclerosis” (6 <sup>th</sup> Annual Pediatric Epilepsy and Movement Disorder Symposium)	Fort Worth, TX
2009	“Management of Epilepsy in the Adult Patient With Tuberous Sclerosis” (Seizure and Epilepsy Update For Neurologists and Neurosurgeons, UTSW)	Dallas, TX
2010	“Phantoms of the EMU—Case Presentation” (Seizure and Epilepsy Update For Neurologists and Neurosurgeons, UTSW)	Dallas, TX
2010	“Seizures & Epilepsy: Update 2010” Grand Rounds, Terrell State Hospital	Terrell, TX
2011	“Ethical Cases in Epilepsy” (Seizure and Epilepsy Update For Neurologists and Neurosurgeons, UTSW)	Dallas, TX

2013	“Ictal Aggression”(UTSW Psychiatry Grand Rounds)	Dallas, TX
2015	“Driving and Epilepsy” (Epilepsy Foundation of Texas Patient Conference)	Arlington, TX
2015	“Epilepsy Risk Management and Ethics” (UTSW Department of Neurosurgery)	Dallas, TX
2015	“Epilepsy Update” (1 <sup>st</sup> Annual UTSW Neurotherapeutics update, Department of Neurology & Neurotherapeutics)	Dallas, TX
2017	“Selection of Epilepsy Patients for Surgery” (3rd Annual UTSW Neurotherapeutics update, Department of Neurology & Neurotherapeutics)	Dallas, TX
2019	Advances In Epilepsy (19 <sup>th</sup> Annual Neuroscience Symposium)	Irving, TX
2020	“Risk Management and Ethics in Epilepsy” 2020 UT Southwestern Epilepsy Symposium	Dallas, TX

### **Technological and Other Scientific Innovations**

Innovation
Patent, if any, pending or awarded /If described in print/on web, provide citation
N/A

### **Service to the Community**

Year(s)	Role	Organization or institution
1981-1983	U.S. Peace Corps	USA
2002 to Present	Member, Professional Advisory Board	Dallas Epilepsy Association
2002-2004	Chairman, Professional Advisory Board	Dallas Epilepsy Association
2004	Director and Organizer, Epilepsy Patient Fair	Dallas Epilepsy Association
2004 to 2007	Medical Student Applicant Interviewer	UTSW
2007-2016	Preceptor: Joint Admissions Medical Program (JAMP)	UTSW
2012 to 2015	Preceptor: UT Austin Health Science Honors Program	UTSW
2014-2016	Preceptor: UT-PACT	UTSW



## Bibliography

### Peer-Reviewed Publications

#### Original Research Articles

1.	Diaz-Arrastia R, Agostini MA, Frol AB, Mickey B, Fleckenstein J, Bigio E, Van Ness PC. Neurophysiologic and neuroradiologic features of intractable epilepsy after traumatic brain injury in adults. <i>Arch Neurol.</i> 2000; 57(11):1611-1616. PMID: 11074793
2.	Diaz-Arrastia R, Frol AB, Garcia MC, Agostini MA, Chason DP, Lacritz LH, Cullum CM, Van Ness PC. Bilateral memory dysfunction in epilepsy surgery candidates detected by the intracarotid amobarbital procedure (Wada Memory Test). <i>Epilepsy Behav.</i> 2002; 3(1):82-91.
3.	Diaz-Arrastia R, Agostini MA, Van Ness PC. Evolving treatment strategies for epilepsy. <i>JAMA.</i> 2002; 287(22):2917-2920. PMID: 12052105
4.	Diaz-Arrastia R, Gong Y, Fair S, Scott KD, Garcia MC, Carlile MC, Agostini MA, Van Ness PC. Increased risk of late posttraumatic seizures associated with inheritance of APOE epsilon4 allele. <i>Arch Neurol.</i> 2003; 60(6):818-822. PMID: 12810485
5.	Hudak AM, Trivedi K, Harper CR, Booker K, Caesar RR, Agostini M, Van Ness PC, Diaz-Arrastia R. Evaluation of seizure-like episodes in survivors of moderate and severe traumatic brain injury. <i>J Head Trauma Rehabil.</i> 2004; 19(4):290-295. PMID: 15263856
6.	Lacritz LH, Barnard HD, Van Ness P, Agostini M, Diaz-Arrastia R, Cullum CM. Qualitative analysis of WMS-III Logical Memory and Visual Reproduction in temporal lobe epilepsy. <i>J Clin Exp Neuropsychol.</i> 2004; 26(4):521-530. PMID: 15512939
7.	Marquez de la Plata C, Lacritz LH, Mitschke R, Van Ness P, Agostini M, Diaz-Arrastia R, Cullum CM. Detecting differential memory performance among Spanish-speaking patients with temporal lobe epilepsy. <i>NeuroRehabilitation.</i> 2009; 24(1):87-93. PMID: 19208961
8.	Diaz-Arrastia R, Agostini MA, Madden CJ, Van Ness PC. Posttraumatic epilepsy: the endophenotypes of a human model of epileptogenesis. <i>Epilepsia.</i> 2009; 50(suppl2):14-20. PMID: 19187290
9.	Dewey RB Jr, Agostini M. Attitudes and performance of third-vs fourth-year neurology clerkship students. <i>Arch Neurol.</i> 2010; 67(5):548-551. PMID: 20457953
10.	Gupta PK, Sayed N, Ding K, Agostini MA, Van Ness PC, Yablon S, Madden C, Mickey B, D'ambrosio R, Diaz-Arrastia R. Subtypes of post-traumatic epilepsy: clinical, electrophysiological and imaging features. <i>J Neurotrauma.</i> 2014; 31(16):1439-1443. PMID: 24693960
11.	Dubey D, Konikkara J, Modur PN, Agostini M, Gupta P, Shu F, Vernino S. Effectiveness of multimodality treatment for autoimmune limbic epilepsy. <i>Epileptic Disord.</i> 2014; 16(4):494-9. PMID: 2546539

12.	Dubey D, Samudra N, Gupta P, Agostini M, Ding K, Van Ness PC, Vernino S, Hays R. Retrospective case series of the clinical features, management and outcomes of patients with autoimmune epilepsy. <i>Seizure</i> . 2015; 29:143-147. PMID: 26076858
13.	Ding K, Gong Y, Modur PN, Diaz-Arrastia R, Agostini M, Gupta P, McColl R, Hays R, Van Ness P. Temporal lobe volume predicts Wada memory test performance in patients with mesial temporal sclerosis. <i>Epilepsy Res</i> . 2016; 120:25-30. PMID: 26709879
14.	Dubey D, Alqallaf A, Hays R, Freeman M, Chen K, Ding K, Agostini M, Vernino S. Neurological autoantibody prevalence in epilepsy of unknown etiology. <i>JAMA Neurol</i> . 2017 74(4):397-402. PMID: 28166327
15.	Mahuwala Z, Ahmadi S, Bozoky Z, Hays R, Agostini M, Ding K. Diagnostic Yield of 2-hour EEG is similar with 30-Minute EEG in patients with a normal 30-minute EEG. <i>J Clin Neurophysiol</i> . 2019; 36(3): 204-208. PMID: 30845074
16.	George Nune, Sharanya Arcot Desai, Babak Razavi, Mark A. Agostini, Gregory Bergey, Aamr A. Herekar, Lawrence J. Hirsch, Ricky W. Lee, Paul A. Rutecki, Shraddha Srinivasan, Paul C. Van Ness, Thomas K. Tcheng, Martha J. Morrell. Treatment of drug-resistant epilepsy in patients with periventricular nodular heterotopia using RNS® System: Efficacy and description of chronic electrophysiological recordings. <i>Clinical Neurophysiology</i> . 2019; 130: 1196-1207. PMID: 31163364

Reviews, Chapters, Monographs and Editorials

1.	Diaz-Arrastia R, Agostini MA, Van Ness PC. Contempo Update: Emerging Treatments for Epilepsy. <i>J. Am. Med. Assoc</i> . 2003; 59:2917-2920.
2.	Agostini, M.A. Book Review. <i>Arch neurol</i> . 2002; 59: 1971-1972.
3.	Rubin M, Yu W, Agostini MA, Madden CJ. Noninvasive Monitoring. In Jallo, J, and Loftus, CM(eds). <i>Neurotrauma and Critical Care of the Brain</i> . Thieme Medical Publishers, Inc., New York, N.Y., 2009, PP. 53-65
4.	Agostini, M. The Prevention of Epilepsy. Editorial. <i>JAMA Neurol</i> . 2015; 73(4): 375-6.

Books/Textbooks

1.	N/A
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Case Reports

1.	N/A
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Letters to the Editor

1.	N/A
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Proceedings of Meetings

1.	N/A
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**Clinical Practice Guidelines**

1.	N/A
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**Non-peer reviewed scientific or medical publications/materials in print or other media**

1.	N/A
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