

**SONA SHAH, M.D. FAES**

Cell: (304) 250 - 9102

neurologistshahsk@gmail.com

**WORK EXPERIENCE as FULL time Neurologist with additional sub-specialty skills:**

- Epileptologist/Neurologist/Associate Professor July 2020 to Current  
CHI Health System-Level 4 Epilepsy Center  
Creighton University, School of Medicine
- Locum tenant jobs in USA May 2019 to March 2019
- Pro bono work in underserved area in India in field of neurology: Nov 2018 to Mar 2019
- Associate Professor, Neurology Department: Feb 2018 to Sept 2018  
Associate proceeded by Assistant professor at Marshall University, John C Edwards School of Medicine, Huntington, WV, USA as full-time neurologist and epileptologist with additional neurophysiology work. Voluntary resignation due to family obligations.
- Assistant Professor, Neurology Department: Aug 2012 to Feb 2018  
As listed above.
- Neurologist and Director Epilepsy/ Neurophysiology: Jun 30th 2006 to Aug 2012  
Neurology Associates of Great Plains and Great Plains Regional Medical Center, North Plate, NE, USA.

**BOARD CERTIFICATIONS:**

- ABPN-Neurology - May 2006 to present [recertification successful in 2016]
- ABPN- Epilepsy Monitoring 2017 to Present
- MD-Internal Medicine-India

**LICENSURE:**

- Current licenses to practice in the states of Ohio, West Virginia and Nebraska USA
- Current DEA license
- Valid ECFMG Certificate for Indefinite Period
- Passed USMLE (Steps 1, 2, and 3) within 7 years.

**HONORS:**

- Gold Humanism Honor Society award 2017 for recognition of exemplary service, integrity, clinical excellence and compassion
- Fellow American Epilepsy Society - Inaugural Class of 2016

- CHIEF RESIDENT, Neurology - Jul 2003 to Jun 2004
- SUNY Downstate Medical Center, Brooklyn-New York

**ADMINISTRATIVE Work Experience:**

Director-Neurophysiology and Epilepsy Lab:

Aug 2012-Jun 2018

Cabell Huntington Hospital, Neurology Department, Marshall School of Medicine

Epilepsy arena:

- Expanded Epilepsy Monitoring Unit from 3 Adult and 1 pediatric hardwired beds to 5 adults and 2 pediatric beds to enable characterization and classification of seizure like events [Phase 1 monitoring]
- Achieved and maintained Epilepsy Center Level 3 accreditation from National Association of Epilepsy Centers
- Inception and utilization of clinical pharmacist in the epilepsy clinic starting as part time collaboration of first pharmacy team at Marshall Pharmacy developing at larger scale as full time clinical pharmacist [Full time pharmacist hours distribution with MS and epilepsy clinic]
- Developed continuous video-EEG service 24/7 and expanded portal EEG machine availability to 5 machines with 2 additional equipment when adjustment can be made with outpatient EEG triaging with inpatient need
- Provided coverage over and above doing neurology calls for continuous-Video EEG service for initial nearly 2 years single handedly followed by q 3 call schedule as a reader

Outpatient EEG arena:

- Achieved and maintained EEG lab accreditation from ABRET/ABCN
- Developed and started home ambulatory video EEG service which is expanding Neuromuscular arena:
- Developed policies instrumental in achieving AANEM accreditation of EMG/NCS lab 2nd in the state of WV and first medical school in WV
- Call schedules/quality maintenance/teaching part of directorship work:
- Generated and maintained reading schedule of various types of EEG including continuous EEGs
- Monthly teaching of Neurophysiology technologists
- Quality improvement and maintaining high quality of EEG including routine, long term monitoring in Epilepsy unit, continuous EEG, ambulatory EEG, home video EEG, NCS, Evoked potential studies, autonomic testing.

Director Epilepsy/ Neurophysiology  
Great Plains Regional Medical Center

Jul 2006 to Aug 2012

- Developed EMG/NCS study services including training of technologists for NCS allowing other partners to move directly to EMG, set up and selected equipments, maintained quality and training
- Expanded outpatient limited EEG service to extended hour EEG service including start of 24/7 continuous video EEG service in one ICU bed and portable service available for ER.
- Provided remote coverage for EEG read even when away for educational activity and need arise while on vacation to sustain the service

**CLINICAL TRAINING AND EDUCATION:**

FELLOWSHIP YEAR 2	Jul 2005 to Jun 2006
Epilepsy, University of Chicago-Illinois, USA	
FELLOWSHIP YEAR 1	Jul 2004 to Jun 2005
Neurophysiology, University of Chicago-Illinois, USA	
NEUROLOGY- RESIDENCY	Jul 2001 to Jun 2004
SUNY Downstate Medical Center & Kings County Hospital, Brooklyn-New York, USA	
INTERNSHIP	Jul 2000 to Jun 2001
Staten Island University Hospital, Staten Island-New York, USA	
RESIDENCY – INTERNAL MEDICINE	Oct 1990 to Aug 1993
B.J. Medical College & New Civil Hospital, Ahmedabad, Gujarat State, India	
MEDICAL SCHOOL: M.B.B.S	Aug 1984 to Jul 1990
B.J. Medical College, Ahmedabad, Gujarat State, India	
The medical school including year of internship was as part of MBBS Degree curriculum at that time in India	
KAMANI FORWARD HIGH SCHOOL-India, Completed 12th grade on	Jun 1984

**SERVICE EXPERIENCE including leadership roles and ability to work successfully in team:**

- International Relations Committee ACNS 2018-2020
- Board Member-Mid Atlantic Neuro-diagnostic Society 2015-2017
- Chair-Faculty Council August 2012 to June 2013 Marshall University, School of Medicine

- As an inaugural Chair, I was instrumental in development of Promotion and Tenure guidelines and obtaining approval of general faculty.
- Faculty Council Member July 2013 to June 2015 including member of task force developed professionalism statement.
- Clinical Operational Committee-MUSOM October 2012 to 2017 approximately
- Pharmacy and Therapeutic Committee October 2012 to 2016 Cabell Huntington Hospital
- Lead Committee member for Gradual Speaker Search May 2013 Marshall University, School of Medicine
- Chair - Physician Council Great Plains Regional Medical Center August 2011 to 2012
- Member of Credentialing Committee January 2010 to 2012 Great Plains Regional Medical Center
- Bylaws Committee January 2010 to 2012 Great Plains Regional Medical Center
- Education/CME Committee January 2008 to 2012
- Medical Records/Utilization Review January 2009 to Dec 2011 [Withdrew due to time commitment]

#### **INVITED TALKS:**

- Sept 2020: Grand rounds ObGyn Department; School of Medicine-Creighton University  
Topic: Women with Epilepsy
- 2017 Oct 1st : Invited Speaker: Status Epilepticus: Mid Atlantic Neuro-diagnostic Society
- 2017 Nov 11th : Invited Speaker on Epilepsy for 31 st Annual Jose I Ricard Family Practice and Sports Medicine Conference
- National Webinar with Epilepsy Foundation - Women and Epilepsy – From Puberty to Pregnancy and Menopause - June 20 th , 2017
- International GBS-CIDP Foundation on Peripheral Neuropathy - December 10th, 2016
- Tri-State Epilepsy Support Group – Newer Advances in Epilepsy Treatment - April 7th, 2016
- Grand Round: UNMC Neurology Department - Women with Epilepsy Ground Rounds: MUSOM
- Mid-Atlantic Neurodiagnostic Society 4th Annual Conference - Long Term EEG Monitoring – April 12th, 2014
- Grand Rounds: MUSOM Neurology and Neuroscience department yearly
- Mid Atlantic Neurodiagnostic Society, 3rd Annual Conference - What's The Rush? Indication of Emergent EEG and EMG – April 2013
- 26th Annual Jose Richard Family Practice and Sports Medicine Conference - Essentials of Epilepsy – November 2012
- Grand Rounds: University of Nebraska, Neurology Department - Women with Epilepsy - October 2008
- CME Speaker, North Platte NE - Status Epilepticus - November 2011

**CLINICAL RESEARCH:**

- Physiologic Characteristics of Patients with Non-epileptic Events: A Retrospective Study  
Published: Cureus January 24, 2020
- Marshall Journal of Medicine 2018 Vol 4, Issue 3, Article 8: "Nonketotic Hyperglycemia Induced Occipital Lobe Seizures: a case report - Case Report"
- Poster April AAN 2018: "Psychosocial and Physiologic Characteristics of Patients with Non-epileptic Events: A Retrospective Study of Rural Patients"
- Published: Marshall Journal of Medicine (MJM) Jan 2017- "Herpes simplex virus type II in a patient having Periodic Lateralized Epileptiform Discharges"
- Abstract for the APTA Combined Sections Meeting 2017 in San Antonio, TX from February 15-18 TITLE: "Relationship of Balance and Quality of Life and Participation in People Received Antiepileptic Drugs"
- Principle Investigator – Closed for recruitment of patients by now for pharmaceutical trial Super Refractory Status Epilepticus
- AES 2005 meeting Abstract: "Direct and definite relationship between localization and orientation of a cortical spike/seizure source and scalp voltage field it produces."
- Clinical Neurophysiology [2009]: The accuracy and reliability of 3D CT/MRI co-registration in planning epilepsy surgery. [One of the authors]
- Performed pilot epidemiology study on traumatic brain injury in urban population [Brooklyn].

**EDITOR FOR REVIEW ARTICLES:**

- "Cross-Sectional Survey of Relevant Literatures as to the Current Proposed Disease Mechanisms and Treatments of Amyotrophic Lateral Sclerosis (ALS)" - Marshall Journal of Medicine (MJM)
- Megalencephaly, polymicrogyria, and hydrocephalus (MPPH) syndrome: A New Case with Central Polydactyly: Authors working on revision. – Marshall Journal of Medicine (MJM)

**TEACHING EXPERIENCE:**

- MS 3 Neurology Course on Epilepsy and EEG students and residents – entire period at Marshall University
- Clinical Assistant Professor-School of Physical Therapy: Mar 2015 to Jun 2018
  - At Marshall University, WV, USA, Voluntary resignation due to family obligations. I was not responsible for any patient care or clinical work. This was in class room teaching talks without any subjects or patients.
  - Taught two courses per year on: Epilepsy, Migraine, Peripheral Nerve Injury & Diagnosis, GBS, Autonomic neuropathy, Diabetic neuropathy – 2012 to 2018
- Monthly teaching of the EEG and EMG technologists -2012 to Present

- Teaching first year medical students in the subject of basic neuroscience during residency.

**MENTORING:**

- 1-2 medical students [3 rd years] per each academic year at MUSOM, successful enough for MS 1 mentees returning back for MS 2

**PROFESSIONAL MEMBERSHIP:**

- American Academy of Neurology
- American Epilepsy Society

**LANGUAGE:**

Fluent in written and spoken English, Hindi and Gujarati.

**OTHER WORK Experience for completion of chronology:**

Student Instructor, Kaplan Educational Center, USA Jun 1999 to Jun 2000

- Part time job while prepared for Step 3, applied and interviewed for PGY1 and PGY 2.

Consulting Internist-Solo practice in India Oct 1993 to Aug 1998

- Internist with outpatient and in-patient practice. I closed the practice when decided to move to USA for social and professional reasons.

**Other details:**

Assistant Clinical Professor, Creighton University, NE, USA Sep 2011 onwards.

- This did not involve any patient care at Creighton University. It was for education/teaching and potential collaboration. This was honorary position, did not involve any benefit or pay nor any hospital/clinic attachment

**EHR experience:**

Epic, Cerner, Allscript, Meditech

**REFERENCES:**

References are available upon request.

