CURRICULUM VITAE

VINITA J. ACHARYA, M. D.

PERSONAL DETAILS

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MEDICAL QUALIFICATIONS

Indian Qualifications

M.B., B.S. T.N. Medical College, University of Bombay, India (1984)

M.D. (Medicine) T.N. Medical College, University of Bombay, India (1989)

D.M. (Neurology) T.N. Medical College, University of Bombay, India. Residency training completed and dissertation accepted by University of Bombay (1994).

American Qualifications

Examinations Passed: **USMLE step 1**, **USMLE step 2** ,Clinical Skills Asessment (**CSA**) and Test of English as Foreign Language (**TOEFL**)

ECFMG: certified (permanently valid certificate)
BLS, ACLS: Valid until 2008

American Board of Clinical Neurophysiology: Board Eligible

Clinical Research Investigator/ Coordinator certificate (CRICC) Program: Certified

CURRENT POSITION

Resident in Neurology at the Saint Louis University, Saint Louis, MO July 2006 onwards.

PREVIOUS WORK EXPERIENCE

Experience in America

Resident in Neurology: University of Texas Health Science Center, San Antonio Texas, November 2005 to June 2006.

Intern in Internal Medicine at Forest Park Hospital Saint Louis MO. August 2004-August 2005

Assistant Professor of Neurology (Research Track) at the Saint Louis University, Saint Louis : August 2003-August 2004

Stroke Research Fellow in Neurology with James F. Toole, MD**,** at the Stroke Research Center at the Wake Forest University School of Medicine, Winston Salem, North Carolina, August 2000-August 2001

Research Fellow in Neurology at the Wake Forest University School of Medicine Winston Salem, North Carolina from July 1997-July2000

Training in Grant Writing: NIH Grant writing workshop conducted by George S. Malindzak, Ph.D., NIEHS, NIH at the Wake Forest University School of Medicine, Winston-Salem

Doris Flynn Fellow in Epilepsy at the Cleveland Clinic Foundation, Cleveland, Ohio, USA from July 1996 to June 1997. International Postgraduate Research Fellowship awarded for the project "***Functional Deficits and Recovery Following Resection of Eloquent Sensorimotor Cortex***".

Research Fellow in Epilepsy and Clinical Neurophysiology at the Cleveland Clinic Foundation, Cleveland, Ohio, USA from June 1, 1995 to June 1996.

Research Studies in America

Co-investigator at the Wake Forest University Baptist Medical Center on Developmental Technology grant no. B-01-98 on a project ***Noninvasive Measurement of Intracranial Hemodynamics in the Diagnosis and Treatment of Epilepsy*** (July 1997-July 2000), P.I..: Dr C.A. O'Donovan and Dr. C. Tegeler

Co-investigator at the Wake Forest University Baptist Medical Center for ***"Genetic Linkage in Familial Epilepsies***" (IRB# BG00-039), a multicenter project in

collaboration with James O. Mc Namara, M.D., Ph.D. at Duke University Medical Center. (1999-2001)

Co-investigator at the Wake Forest University Baptist Medical Center on a project **"Molecular Profile of Immunohistochemically identified Dysplastic brain Cortex"**

Co-investigator at the Saint Louis University Hospital on a project **"A study of interictal phase synchronization in patients with neocortical epilepsy using magnetoencephalography"**

Experience in India

Lecturer in Neurology at T.N. Medical College and B.Y.L. Nair Hospital, Bombay
(Jan 1993-Nov 1994)

Resident in Neurology at T.N. Medical College and B.Y.L. Nair Hospital, Bombay
(Apr 1991 – Jan 1993).

Lecturer in Internal Medicine at T.N. Medical College and B.Y.L. Nair Hospital, Bombay
(Feb 1989 - Apr 1991).

Resident in Internal Medicine at T.N. Medical College and B.Y.L. Nair Hospital, Bombay
(Feb 1985 - Jan 1989)

Rotating Internship at T.N. Medical College and B.Y.L. Nair Hospital, Bombay
(Dec 1983 - Nov 1984)

Research Studies in India

Study of efficacy of Selegiline in Parkinson's disease.

Drug trial on Sumatriptan supported by Glaxo Wellcome Pharmaceuticals

Drug trial on Idebenone in Vascular Dementia

ACADEMIC AWARDS

Doris A. Flynn International Fellowship award in Epilepsy for a clinical research project on "Functional Deficits and Recovery Following Resection of Eloquent Sensorimotor Cortex".

Young Investigator award given by the American Epilepsy Society for work on the topic "Outcome After Surgical Resection of Eloquent Sensorimotor Cortex for Epilepsy" at the American Epilepsy Society meeting held at Boston, USA in December 1997.

Gold medal for the Best student in High School given by the Indian Education Society in 1977

National Science Scholarship given by the Maharashtra State government in India: 1977-1979

HONORS

Directory nomination: International Health Professional of the year 2004
Listed in *Marquis Who's Who* ***in America (2004-2008 editions),*** *and Marquis Who's Who in Medicine and Healthcare* ***(2006-2007)***

PUBLICATIONS AND PRESENTATIONS IN INTERNAL MEDICINE

1.Thakur VD, Mehta PJ. Exercise and medicine. In: Mehta PJ, ed. *Current Topics in Medicine-II*. B.I. Churchill Livingstone 1991:1-23. Book chapter.

2. Utility of Medical Acute Care Units (MACU) in patient care. Paper presented at the 1st National Conference on Critical Care, 1989.

3. Diabetes mellitus - electrocardiographic changes.
Dissertation accepted for M.D. (Internal Medicine) degree by University of Bombay, 1988.

PUBLICATIONS IN NEUROLOGY

Articles

1. Acharya JN, **Acharya VJ.** Behavioral aspects of epilepsy. Med/Pharm Forum (Special Issue) 1996; pages 12-18.

2. Acharya VJ, Acharya JN, Lüders HO. Olfactory epileptic auras. Neurology 1998; 51:55-61

3. Acharya VJ: The changing Face of Stroke Risk Factors: VISP Investigator newsletter Volume1, Issue 1, 2001, PP2-3

4. Acharya VJ, Acharya JN**,** Tegeler CH, Morris P, Meads D, O'Donovan CA. Transcranial Doppler ultrasound: a new method of monitoring hemispheric anesthetization during the intracarotid amobarbital procedure. *Journal of Neuroimaging* 2002; 12: 153-157

Abstracts

1. Acharya VJ: Double infarction in one cerebral hemisphere (DICH), Neurology India Supplement, December 1991

2. Acharya VJ : Analysis of Stroke Registry data in an Indian hospital: Neurology India Supplement December 1991

3. Acharya VJ, Acharya JN, Lüders HO. Olfactory epileptic auras. Neurology 1995; 45(suppl 4)A 359

4. Acharya VJ, Acharya JN, Lüders HO. Auditory epileptic auras. Epilepsia 1996; 37(Suppl 5): 30

5. Acharya VJ, Acharya JN, Lüders HO. Somatosensory auras. Neurology 1997; 48: A241

6. Acharya VJ, Lüders HO, Wyllie E, Acharya JN, Ruggieri P, Comair YG. "Outcome after surgical resection of eloquent sensorimotor cortex for epilepsy." Epilepsia 1997; 38(Suppl 8): 50-51

7. Acharya VJ, Acharya JN, White JR, O'Donovan C, Bell W, Glazier S. Epileptic auras in patients with mesial temporal sclerosis, Neurology 1999;52(Suppl 2): A 415

8. Acharya VJ, Acharya JN, O'Donovan C, Tegeler C, Bell W. Reduction of cerebrovascular reactivity by antiepileptic drugs assessed by Transcranial Doppler Ultrasound monitoring. Epilepsia 1999;40(Suppl 7): 147

9. Acharya JN, **Acharya VJ**, Gibson PA, O'Donovan C, Bell W. Antiepileptic drug withdrawal during video-EEG monitoring. Epilepsia 1999;40(Suppl7): 146-147

10. Acharya VJ, Acharya JN, O' Donovan CA and Tegeler CH: Usefulness of continuous bilateral transcranial Doppler monitoring during the intracarotid amobarbital procedure.
Epilepsia 2000;41 (Suppl 2): 55

11 Acharya JN, **Acharya VJ**, Sloane S., O' Donovan CA, Bell WL: Relation of interictal EEG and quantitative MRI to surgical outcome and ictal EEG localization in mesial temporal lobe epilepsy. *Epilepsia* 2000;41 (Suppl 2):147

12. **Acharya VJ**, Acharya JN, Hogan RE, Bertrand ME, Willmore LJ: Relationship of seizure semiology to the outcome of anterior temporal lobectomy. Epilepsia 2004

BOOK CHAPTERS

1. Foldvary N, **Acharya VJ,** Lüders HO. Auditory auras. *The Epileptic Seizure: Pathophysiology and Semiology,* edited by Drs. Hans Lüders and Soheyl Noachtar, Lippincott- Raven Press: Philadelphia, May 2000: pp 304-312.

2. **Acharya VJ**, Comair YG, Lüders HO: Neurological deficits following surgical resection of neocortical eloquent cortex in patients with intractable epilepsy. In: Lüders HO, Comair YG eds., *Epilepsy Surgery, 2nd edition*, 2001Raven Press, Pp 873-877

JOURNAL REVIEWER

Journal of the Neurological Sciences
Neurology
Cerebrovascular Diseases
Journal of the American Medical Association(JAMA)

EDITORIAL ACTIVITIES

Editorial Board member for the VISP Investigator Newsletter

DISSERTATION

Study of large artery disease from a Stroke Registry: Accepted by the University of Bombay (1993).

PARTICIPATION ON A PANEL

1. Invited to participate on a panel on "Epilepsy Surgery and Surgical Outcome" at the Ninth International Cleveland Clinic-Bethel Symposium on Epilepsy Surgery held at Cleveland, Ohio in June 1998. Topic: Neurological deficits following surgical resection of neocortical eloquent cortex in patients with intractable epilepsy

2. Invited speaker for the World Stroke Summit, Melbourne, Australia held in November 25, 2000. Topic: Data acquisition and management in Stroke

PAPERS SUBMITTED

1. Acharya VJ, Acharya JN, Toole JF: Comparison of assessment scales in patients with stroke

2. Acharya VJ, Toole JF: Necessity for Stroke scales in clinical evaluation. In press: Journal of the Neurological Sciences. Presented in part by Dr. Toole at the International Workshop on Stroke Scales held on July 27-28, 2001

PRESENTATIONS

1. Acharya VJ: Analysis of Stroke Registry data in an Indian hospital.
Paper presented at the 21st International Joint Conference on Stroke and Cerebral Circulation held in January 1994 in Bombay, India.

2. Acharya VJ: Double infarction in one cerebral hemisphere (DICH).
Paper presented at the 40th Annual Conference of the Neurological Society of India, 1991.

3. Acharya VJ: Temporal lobe epilepsy–mesial versus neocortical. Presentation at the National EpiFellows Foundation meeting at Baltimore, USA in December 1995.

4. Acharya VJ, Acharya JN, Lüders HO: Olfactory Epileptic Auras: Poster presentation on "Olfactory Epileptic Auras" at the annual meeting of the American Academy of Neurology held at San Francisco in 1996.

5. Acharya VJ, Acharya JN, Lüders HO. A study of seizures with gustatory auras. Platform presentation at the 50th Annual meeting of the American Clinical Neurophysiology Society at Boston in September 1996.

6. Acharya VJ, Acharya JN, Lüders HO. Auditory epileptic auras: Poster presentation at the annual meeting of the American Epilepsy Society at San Francisco in December 1996.

7. Acharya VJ, Acharya JN, Lüders HO. Somatosensory auras: Poster presentation at the annual meeting of the American Academy of Neurology held at Boston in April 1997.

8. Acharya VJ, Lüders HO, Wyllie E, Acharya JN, Ruggieri P, Comair YG. "Outcome after surgical resection of eloquent sensorimotor cortex for epilepsy:Platform

presentation on “Outcome after surgical resection of eloquent sensorimotor cortex for epilepsy” at the annual meeting of the American Epilepsy Society held at Boston in December 1997. Presentation selected for the Scientific Highlights of the program.

9. Acharya VJ, Acharya JN, White JR, O’Donovan C, Bell W, Glazier S. Epileptic auras in patients with mesial temporal sclerosis
Poster presentation on “ Epileptic auras in patients with mesial temporal sclerosis” at the American Academy of Neurology meeting held in Toronto, Canada in April 1999.

10. Acharya VJ, Acharya JN, O’Donovan C, Tegeler C, Bell W. Reduction of cerebrovascular reactivity by antiepileptic drugs assessed by Transcranial Doppler Ultrasound monitoring.
Poster presentation at the American Epilepsy Society meeting held at Orlando in December 1999.

11. Acharya JN, **Acharya VJ**, Gibson PA, O’Donovan C, Bell W. Antiepileptic drug withdrawal during video-EEG monitoring.
Poster presentation at the American Epilepsy Society meeting held at Orlando in December 1999

12. Acharya VJ, Acharya JN, O’Donovan CA and Tegeler CH: Utility of bilateral continuous transcranial Doppler (TCD) monitoring in detecting silent embolism during the intracarotid amobarbital procedure
Presented at the American Clinical Neurophysiology Society(ACNS) meeting in Montreal in September 2000.

13 Acharya VJ, Acharya JN, O’ Donovan CA and Tegeler CH: Usefulness of continuous bilateral transcranial Doppler monitoring during the intracarotid amobarbital procedure.
Poster presentation at the American Epilepsy Society (AES) 2000 meeting in LA in December 2000

14. Acharya VJ, Toole JF: Assessment of Stroke Scales in Clinical Practice. Poster presentation at the 4th World Stroke Congress held in Melbourne, Australia in December 2000

15. Acharya JN, **Acharya VJ**, Sloane S., O’ Donovan CA, Bell WL: Relation of interictal EEG and quantitative MRI to surgical outcome and ictal EEG localization in mesial temporal lobe epilepsy
Poster presentation at the American Epilepsy Society (AES) 2000 meeting in LA in December 2000

16. **Acharya VJ**, Acharya JN, Hogan RE, Bertrand ME, Willmore LJ: Relationship of seizure semiology to the outcome of anterior temporal lobectomy. Poster presentation at the American Epilepsy Society (AES) 2004 meeting to be held in December 2004

TEACHING ACTIVITIES

Topiwala National Medical College, India (1989-1994)

Monthly 1 hour lectures for 3rd and 4th year medical students on various topics (mainly Stroke and Epilepsy) in Neurology: 1989-1994.

Lectures for physiotherapy students on all topics in Neurology important for physiotherapists: 1991-1994

Junior physiotherapy students: Monthly one hour lecture

Senior physiotherapy students: Weekly one hour lecture for 3 months in a year

Lectures for Second Year B. Sc. (Audiology and Speech Rehabilitaton) students on the following topics every year from 1991-1994:

-Neurology of Speech and Language

-Neurological lesions correlated with speech and hearing

-Aphasia, neurological examination of aphasia

-Stroke

-Epilepsy

Wake Forest University School of Medicine, Winston-Salem, NC (1997-2001)
Guidance to medical students and residents on research projects

Saint Louis University, Forest Park Hospital and University of Texas Heallth Science Center at San Antonio, Texas : Supervision on clinical rotations and teaching 3rd and 4th year medical students and residents rotating through Neurology and Junior Neurology resudents

SELECTED GRAND ROUND PRESENTATIONS

1 Grand rounds on “Epilepsy Surgery in Eloquent Cortex” at the Cleveland Clinic Foundation, Cleveland, Ohio 1996

2. Grand round on “Epileptic Auras” at the Cleveland Clinic Foundation in Dec, 1996 and at Wake Forest University School of Medicine in March 2000.

3 Invited grand round on “Epilepsy and Olfaction” by the Northeast Regional Epilepsy Group in New York, June 2000

4.Grand round on “Utility of transcranial Doppler in Epilepsy”: Department of Neurology, Wake Forest University, Winston Salem NC, August 2000

5. Grand round on “Olfactory Epileptic Auras” : University of Texas Health Science Center, san Antonio, Texas, January 2006.

6.Grandround on “Relationship of seizure semiology to the outcome of anterior temporal lobectomy.” Saint Louis University Hospital , Saint Louis MO

7.Grand rounds on “ Congenital Myopathies ” : Saint Louis University Hospital , Saint Louis MO

Grand rounds while in India (1991-1994) on the following topics:

-Brain death

-Lacunar infarcts

-Risk factors in stroke

-Drug interactions of antiepileptic drugs

-Intracranial hemorrhage

-Treatment of acute cerebral ischemia

-Childhood epilepsy syndromes

-Driving and employment in epilepsy

-Management of gliomas

-Parkinson’s disease: new insights

-Neurological infections in HIV disease

PROFESSIONAL MEMBERSHIPS (Active)

American Epilepsy Society (AES)

American Society of Neuroimaging (ASN)

American Academy of Neurology (AAN)

Clinical Magnetic Resonance Society (CMRS)

Former memberships

American Clinical Neurophysiology Society (ACNS)

Indian Academy of Neurology

Neurological Society of India