

Curriculum Vitae

MERIE M K. BENSAL E M-O WEN, M.D.

PERSONAL DATA:

Department of Neurology
KY Clinic, Room L-445
Lexington, KY 40536-0284
(859) 323-0229
Clinic: (859) 218-5049
Fax: (859) 323-5943
Email: mkbens2@uky.edu

CURRENT POSITIONS:

- 9/2004-present: Assistant Professor
Department of Neurology
University of Kentucky
Lexington, KY
- 10/2005-present: Assistant Professor
Joint Appointment
Department of Anatomy and Neurobiology
University of Kentucky
Lexington, KY
- 8/2005- current: Affiliated Faculty of the Center for the Advancement of Women's Health
University of Kentucky
Lexington, KY

EDUCATION:

- 10/1989-10/1996: M.D. Degree
University of Algiers,
Faculté de Médecine
Algiers, Algeria

POSTGRADUATE EDUCATION/ TRAINING:

- 7/2003-6/2004: Fellowship in Clinical Neurophysiology/Epilepsy
University of Michigan
Ann Arbor, MI
- 7/2002-6/2003: Chief Resident in Neurology/PGY-4
University of Kentucky
Lexington, KY

- 7/2000-6/2002: Residency in Neurology.
University of Kentucky
Lexington, KY
- 7/1999-6/2000: Internal Medicine, PGY-1
University of Kentucky
Lexington, KY
- 11/1998-6/1999: Methodology in Pathologic Anatomy (Méthodologie en Anatomie
Pathologique)
Service d'Anatomie Pathologique, Hôpital Necker Enfants Malades
Université René Descartes
Paris, France
- 9/1998: Laboratory training in Molecular Biology
Saint Antoine Hospital
Paris, France
- 8/1998: Observer in the Department of Neurology
University of Kentucky
Lexington, KY
- 10/1997-5/1998: Neurophysiology (Physiologie Neurosensorielle) - Certificate
Pitié-Salpêtrière Hospital
Paris, France
- 10/1997-5/1998: Cellular and Molecular Biology (Biologie Cellulaire et Moléculaire) -
Certificate
Saint Antoine Hospital
Paris, France
- 1/1997-4/1997: Training in Facial Surgery
Robert Debré Hospital
Paris, France
- 11/1996-12/1996: Training in Ophthalmology
Beni Messous Hospital
Algiers, Algeria
- 10/1996-11/1996: Training in Pneumo-Phtisiology
Bab El Oued Hospital
Algiers, Algeria

BOARD CERTIFICATION:

American Board of Psychiatry and Neurology (certificate # 53704)

Certification in the Medical Specialty of Clinical Neurophysiology (certificate #1653)

LICESURE:

7/1999- current: Full Kentucky License # 36699

7/2003-6/2004: Michigan Educational Limited License # 4301082789

AWARDS/HONORS:

September 2006: Abraham Flexner Master Educator Award in the area of Outstanding Teaching Contribution or Mentorship
University of Kentucky, College of Medicine

October 2003: Clinical Housestaff Teaching Award for Outstanding Teaching in Third-Year Clerkships
University of Kentucky, College of Medicine

March 2002: Elected Honorary Member of Alpha Omega Alpha Honor Medical Society

October 2002: Clinical Housestaff Teaching Award for Outstanding Teaching in Third-Year Clerkships
University of Kentucky, College of Medicine

October 2001: Clinical Housestaff Teaching Award for Outstanding Teaching in Third-Year Clerkships
University of Kentucky, College of Medicine

May 2001: Scholarship for the 53rd Annual Meeting of the American Academy of Neurology

PROFESSIONAL AFFILIATIONS/MEMBERSHIPS:

2007-current: Commonwealth Neurological Society/Founding Member

2006-current: American Clinical Neurophysiology Society/ Member

2002-current: Alpha Omega Alpha Honor Medical Society/ Honorary Member

2002-curent: American Epilepsy Society / Member

2000-current: American Academy of Neurology / Member

COMMITEES:

June 2008- current: Epilepsy Foundation of Kentuckiana Conference Planning Committee-Member

September 2006- current: Appointment to the College of Medicine's Student Progress and Promotions Committee

October 2005-current: Appointment to the Ph.D. Advisory Committee for Michelle Stephens

LECTURES/PRESENTATIONS:

- June 2008: Psychosis and Epilepsy
Neurology Grand Rounds
- June 2008: Introduction to EEG Reading and Interpretation - Part I and Part II
Neuro-Intensive Care Conference Series for Neurosurgery Residents
- May 2008: Seizures and Epilepsy
Psychiatry Residents' Didactics
- April 2008: Challenging Cases in Epilepsy
IV Seminario Intenacional de Neurociencias
Quito, Ecuador
- November 2007: The Future of Epilepsy Treatment
General Session: Key Note Address
Epilepsy Foundation Kentuckiana
Louisville, Kentucky
- October 2007: Critical Issues in Managing Patients with Seizures in the ER
Emergency Department Conference
- September 2007: Improving Outcome in Patients with Epilepsy
Physical Medicine and Rehabilitation Medicine Conference
- August 2007: Epilepsy and Its Treatments
Family Medicine Noon Conference
- January 2007: Jeopardy: Epileptic or Non epileptic Seizures?
Neurosurgery Grand Rounds
- January 2007: Seizures and Epilepsy
Internal Medicine Noon Conference
- November 2006: Psychogenic Non Epileptic Seizures
Neurology Grand Rounds
- September 2006: Periodic EEG Patterns in the Critically Ill
Neurosurgery Residents' Conference

- May 2006: Intraoperative Monitoring
Neurosurgery Grand Rounds
- March 2006: Approach to Epilepsy
Lecture to the Third Year Medical Students. DO School
Pikeville, Kentucky
- February 2006: EEG Patterns Warranting Treatment in the Critically Ill
Pulmonary, Critical Care, Sleep Medicine Conference Series
- February 2006: Special Treatment Considerations in Women with Epilepsy
Women's Health Grand Rounds
- October 2005: Demonstrator for Epilepsy for the Neurology Course of the American
College of Chest Physicians Professional Representative Education Program
(ACCP-PREP)
- July 2005: Medically Intractable Epilepsy: The Surgical Options
Neurology Grand Rounds
- June 2005: Special Treatment Considerations in Women with Epilepsy
Internal Medicine Resident's Noon Conference
- May 2005: Once a Sacred Disease: A History of Epilepsy and its Treatments
Neurology Grand Rounds
- February 2005: Brain Seizing, Heart Ceasing
Neurology Grand Rounds
- May 2004: Multiple Subpial Transections
CNL Case Conference
University of Michigan. Ann Arbor, MI
- December 2003: Absence Seizure Evolving into a Generalized Tonic-Clonic Seizure: A Case
Report
National EpiFellows Foundation. Boston, MA
- April 2003: Acquired Neuropathies
Clinical Neurosciences Course
- April 2003: Seizures
Medical Neuroscience Course, MD817.
- April 2003: Neuropathy: Approach and Treatment
Internal Medicine Noon Conference

- October 2002: Paraneoplastic Myopathy?
Case presentation and discussion
Neuromuscular conference
- October 2002: West Nile Virus-Case presentation and discussion
Neurology Grand Rounds
Edward Kasarskis, MD, PhD (Neurology)
Igo Ufutokan, MD (Infectious Disease)
Meriem K.Bensalem, MD (Neurology)
- October 2002: Ventral Foramen Magnum Meningioma- Case presentation and discussion
Neurology-Neurosurgery combined conference
- August 2002: Approach to the patient with headaches in the Emergency Department
Emergency Department Grand Rounds
- May 2002: Multiple Sclerosis or Brain Tumor?
Presentation of two cases and discussion
Neurology-Neurosurgery combined conference
- April 2002: Hypoglycemic Hemiparesis. Case presentation and discussion
Pediatrics Grand Rounds
- September 2001: The Mu Rhythm
Epilepsy conference

All conferences were given at the University of Kentucky unless specified

TEACHING ACTIVITIES:

- April 2006- current: Introduction to Epilepsy
Annual Lecture to the First Year Medical Students
Medical Neuroscience Course, MD817.
- October 2004-current: Biweekly lecture “Electroencephalogram (EEG) Reading” given to
the Anesthesia and Pulmonary/Critical Care Residents rotating in
Neurosurgical Intensive Care
- September 2004- current: Bi to tri-annual Clinical Neuroscience Course on Epilepsy and Sleep
Medicine for the Neurology Residents
- September 2001-current: Bi-annual lectures given to Third-Year Medical Students part of the
Medical Students Lecture Series during their rotation in Neurology
- September 2004-2005: Weekly lecture “Introduction to EEG” to Third-Year Medical
Students rotating in Neurology

All conferences were given at the University of Kentucky unless otherwise specified

MENTORING:

March 2008: For the Nursing Grand Rounds: Nursing Care in the Patient with Seizures.
Rachel Ward-Mitchell, RN, Staff Nurse, Epilepsy Monitoring Unit.

July 2007: Vy Uyen Hoang, University of Kentucky Second Year Medical Student-Research project: Establishment of a VNS data base.

BIBLIOGRAPHY:

Abstracts/Posters

Bensalem Owen MK, Fakhoury TA. Description of two Cases with Ictal Appearing Discharges Terminated with Various Sensory Stimulations. Abstract accepted for Poster Presentation for the 8th European Congress on Epileptology (Berlin, Germany).

Bensalem Owen MK, Fakhoury TA. Review of Five Cases of Stimulus-Induced Rhythmic, Periodic, or Ictal Discharges (SIRPIDs) and their Outcome. Poster presentation at the 61st Annual Meeting of the American Epilepsy Society December 2007.

Bensalem Owen MK, Fakhoury TA. Continuous Spikes and Waves During Sleep in an Adult. Poster presented at the International Epilepsy Congress July 2007 (Singapore).

Chau DF, Fahy BG, **Bensalem Owen MK**. The Effectiveness of a Novel Approach on EEG Instruction for Anesthesiology Residents. Poster presented at the International Anesthesiology Research Society March 2007. Abstract S-96. *Anesthesia and Analgesia* 2007;104;S1-S271.

Fakhoury T, Schmitt F, Given C, **Bensalem Owen M**, Grisso-Chumley A, Mattingly M. Presurgical Evaluation Using a Selective Anterior Wada. Poster presentation at the American Epilepsy Society Annual Meeting December 2006.

B.W. Warner, C.A. LaGrange, A. Payton, T. Tucker, **M. Bensalem-Owen**, V.M. Pais Jr. Effects of Topiramate on Urinary Risk Factors for Development of Urolithiasis. Poster presented at the 24th World Congress of Endourology August 2006.

Bensalem Owen KM, Fakhoury TA. The Value of Repeating Video-EEG Monitoring and of Concomitant ECG Tracings in the Evaluation of Changes in Seizure Semiology. *Abstract. Epilepsia*. 2005; 46 (S8). 3337.
Poster presented at the American Epilepsy Society Annual Meeting December 2005.

Bensalem KM, Fakhoury TA. Topiramate in Status Epilepticus. Three case presentation. *Abstract. Epilepsia*. 2002; 43(S7). 281.
Poster presented at the American Epilepsy Society Annual Meeting December 2002.

Articles in Peer Reviewed Journals

Bensalem Owen MK, Fakhoury TA. Review of Fourteen Cases of Stimulus-Induced Rhythmic, Periodic, or Ictal Discharges (SIRPIDs) and their Outcome. In progress.

Bensalem Owen MK, Fakhoury TA. Continuous Spikes and Waves During Sleep in an Adult. *Epilepsy and Behavior*. 2008; 12 (3):489-491

B.W. Warner, C.A. LaGrange, A. Payton, T. Tucker, **M. Bensalem-Owen**, V.M. Pais Jr. Induction of progressive profound hypocitratemia with increasing doses of topiramate. *Urology*. In Press.

Fahy BG, Chau DF, **Bensalem Owen MK**. Effectiveness of a Simple Novel Approach on Electroencephalograph Instruction for Anesthesiology Residents. *Anesthesia & Analgesia*. 2008 Jan; 106(1):210-214.

Fakhoury T, Grisso-Chumley A, **Bensalem-Owen M**. Diazepam Rectal Gel and Effective Breakthrough Seizure Treatment in Adult Patients. *Epilepsy and Behavior*. 2007 Nov;11(3): 357-360.

Bensalem KM, Fakhoury TA. Topiramate and Status Epilepticus. *Epilepsy and Behavior*. 2003; 4(6): 757-760.

Bensalem KM, Berger RJ. HIV and the Central Nervous System. *Comprehensive Therapy*. 2002; 28(1): 23-33.

Book Chapters

Bensalem KM, Fakhoury TA. The Value of Repeating Video-EEG Monitoring and the Importance of Concomitant ECG Tracings in the Evaluation of Changes in Seizure Semiology. 101 Puzzling Cases of Epilepsy: Second Edition. Elsevier. Editors: Steven Schachter and Dieter Schmidt. In Press.

Stephens ML, Spencer DD, Cavus I, Hsiao MC, Song D, Courellis SH, Deadwyler SA, Hampson RE, Putz D, Quintero JE, **Bensalem-Owen MK**, Hascup KN, Rutherford EC, Day KD, Nickell JR, Pomerleau F, Huettl P, Burmeister JJ, Taluliker P, Marmarelis VZ, Grancki JJ, Berger T, Gerhardt GA. Microelectrode-Based Epilepsy Therapy: A Hybrid Neural Prosthesis Incorporating Seizure Prediction and Intervention with Biomimetic Maintenance of Normal Hippocampal Function. *Computational Neuroscience in Epilepsy*. First Edition 2008. Editors: Ivan Soltesz and Kevin Stacey. Academic Press.

Bensalem Owen KM, Cambi F. Guidelines for Management of Seizures in Pregnancy. *Maternal-Fetal Medicine: Evidence-Based Guidelines*. 2007. Editor: Barghella. Taylor and Francis Medicine Books. Informa UK Ltd.

Bensalem Owen KM. Seizures. *First Exposure to Internal Medicine: Ambulatory Medicine*. First Edition 2007. Editors: Hoellein, Griffith. McGraw-Hill.

Bensalem KM, Berger RJ. Neurologic Manifestations of HIV. Neurology for the Non-Neurologist. Fifth Edition. 2004. Editors: William J. Weiner, Christopher G. Goetz. Lippincott Williams and Wilkins

SCIENTIFIC ACTIVITIES:

1. **Principal Investigator.** Safety and Effectiveness of open-Label Clobazam in Subjects with Lennox-Gastaut Syndrome. January 2008- current
2. **Principal Investigator.** Double-blind, Placebo-controlled, Efficacy and Safety Study of Clobazam (0.25, 0.5 and 1.0 mg/kg/day) in Patients with Lennox-Gastaut Syndrome. December 2007- current
3. **Sub-Investigator.** A double-blind, randomized, placebo-controlled study to evaluate the safety, tolerability, and efficacy of ganaxolone as add-on therapy in adult subjects with epilepsy consisting of uncontrolled partial-onset seizures. Marinus Pharmaceuticals, Inc. (1042-0600). October 2007 –
4. **Sub-Investigator.** An open-label extension study to evaluate the safety, tolerability, and efficacy of ganaxolone as add-on therapy in adult subjects with epilepsy consisting of uncontrolled partial-onset seizures. Marinus Pharmaceuticals, Inc. (1042-0601).
5. **Sub-Investigator.** An international, double-blind, parallel-group, placebo-controlled, randomized study: evaluation of the efficacy and safety of brivaracetam in subjects (≥ 16 to 70 years old) with Partial Onset of Seizures. UCB (N01253) October 2007 –
6. **Sub-Investigator.** An Open-Label Extension Study of Rufinamide Given as Adjunctive Therapy in Patients with Refractory Partial Onset Seizures. Eisai Medical Research Inc. (Protocol E2080-A001-302). October 2007-
7. **Sub-Investigator.** A double-blind, randomized, placebo-controlled study to evaluate the safety, tolerability, and efficacy of ganaxolone as add-on therapy in adult subjects with epilepsy consisting of uncontrolled partial-onset seizures. Marinus Pharmaceuticals (Protocol 1042-0600). August 2007-
8. **Sub-Investigator.** A Multicenter, Double-Blind, Randomized Conversion to Monotherapy Comparison of Two Doses of Lamotrigine for the Treatment of Partial Seizures. The GlaxoSmithKline Group of Companies (Protocol LAM30055). January 2007

9. **Principal Investigator.** A Double-Blind Trial Comparing the Efficacy, Tolerability and Safety of Monotherapy Topiramate versus Phenytoin in Subjects with Seizures Indicative of New Onset Epilepsy CAPSS-272. June 2006 to present.
10. **Sub-Investigator.** A Double-blind, Placebo-controlled, Parallel-Group Study of Rufinamide Given as Adjunctive Therapy in Patients with Refractory Partial Seizures. Eisai (Protocol E2080-A001-301). December 2006 -
11. **Sub-Investigator.** A Randomized, Double-Blind, Placebo-Controlled, Multicenter, Parallel-Group Phase 3 Study to Determine the Efficacy and Safety of Retigabine (1200 mg/day) Used as Adjunctive Therapy in Refractory Epilepsy Patients with Partial-Onset Seizures. Valeant (Protocol VRX-RET-E22-301) April 2006 –
12. **Sub-Investigator.** A Multicenter, Open-Label, Long-Term, Safety, Tolerability and Efficacy Study of Retigabine in Adult Epilepsy Patients with Partial-Onset Seizures. Valeant (extension of Study VRX-RET-E22-301) (Protocol VRX-RET-E22-303) April 2006 –
13. **Sub-Investigator.** A Double-Blind, Placebo-Controlled, Dose-Escalation, Parallel-Group Study of E2007 Given as Adjunctive Therapy in Patients with Refractory Partial Seizures. EISAI (Protocol E2007-A001-206). May 2005 – May 2007
14. **Sub-Investigator.** “An Open Label, Multicenter Study of the Long Term Safety of Depakote Sprinkle Capsules in the Treatment of Partial Seizures in Children.” Abbott Laboratories. (Protocol MO4-714). March 2005 –
15. **Sub-Investigator.** “A Multicenter, Double-Blind, Randomized, Parallel-group Evaluation of Lamictal Extended-release Adjunctive Therapy in Subjects with Partial Seizures”. The GlaxoSmithKline Group of Companies. (Protocol LAM 100034). April 2005 –
16. **Sub-Investigator.** “An Open-Label Extension Trial to Determine Safety and Efficacy of Long-Term Oral SPM927 in Patients with Partial Seizures”. Schwarz Biosciences (Protocol SP756). July 2004 –
17. **Sub-Investigator.** A **Double-Blind, Placebo-Controlled, Parallel-Group Study of Rufinamide Given as Adjunctive Therapy in Patients with Refractory Partial Seizures.** EISAI Med & Research Inc. March 2007 to present.

18. **Principal Investigator.** A Double-Blind Trial Comparing the Efficacy, Tolerability and Safety of Monotherapy Topiramate versus Phenytoin in Subjects with Seizures Indicative of New Onset Epilepsy CAPSS-272. June 2006 to present.
19. **Sub-Investigator.** A Randomized, Double-Blind, Placebo-Controlled, Multicenter, Parallel-Group Phase 3 Study to Determine the Efficacy and Safety of Retigabine (1200 mg/day) Used as Adjunctive Therapy in Refractory Epilepsy Patients with Partial-Onset Seizures. Valeant Research and Development. April 2006 to present
20. **Co-Investigator.** Mapping of Neural Outputs for Actual and Imagined Voluntary Movements. February 2006.
21. **Co-Investigator.** Effect of Topiramate on Urinary Risk Factors for Urolithiasis. February 2006.
22. **Co-Investigator.** “An Open-label, Double Conversion Study to Characterize the Pharmacokinetics of Lamotrigine when Switching Patients with Epilepsy on LAMICTAL Immediate-release to Extended-release formulation Protocol LEP103944. The GlaxoSmithKline Group of Companies. August 2005 to present.
23. **Sub-Investigator.** “A Double-Blind, Placebo-Controlled, Dose-escalation, Parallel-Group Study of E2007 Given as Adjunctive Therapy in Patients with Refractory Partial Seizures. Protocol: E2007-A001-206. Eisai. January 2005 to present.
24. **Sub-Investigator.** “An Open Label, Multicenter Study of the Long Term Safety of Depakote Sprinkle Capsules in the Treatment of Partial Seizures in Children. Protocol M04-714. Abbot Laboratories. January 2005 to present.
25. **Sub-Investigator.** “An Open-Label Trial to Investigate the Safety and Tolerability of Intravenous SPM 927 as replacement for Oral SPM 927 in Subjects with Partial Seizures with or without Secondary Generalization. Schwarz Biosciences (Protocol SP 757). January 2005 to present.
26. **Sub-investigator.** An open-label extension trial to determine safety and efficacy of long-term oral SPM 927 in patients with partial seizures. (Protocol SP 756). November 2004-present
27. **Co-Investigator.** “A Multicenter, Double-blind, Randomized, Parallel-group Evaluation of Lamictal Extended-release Adjunctive Therapy in Subjects with Partial Seizures LAM 100034. Glaxo SmithKline. November 2004-present
28. **Sub-Investigator.** SP 754 “A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel Group Trial to Investigate the Efficacy and Safety of SPM 927 (400 and 600mg/day) as Adjunctive Therapy in Subjects with Partial Seizures with or without Secondary Generalization” Schwarz BioSciences, Inc. November 2004-present

29. **Sub-Investigator:** LAM40124 An Assessment of Behavioral Changes Associated with Lamotrigine and Levetiracetam in Patients with Epilepsy. Glaxo SmithKline. November 2004-present
30. **Sub-Investigator.** “An open-label extension trial to determine tolerability and efficacy of long-term oral SPM 927 as adjunctive therapy in patients with partial seizures”. Schwartz Biosciences (Protocol SP 615). September 2003-present
31. **Sub-Investigator:** “Double-blind Randomized Trial of Cognitive Effects of Lamictal (Lamotrigine) versus Topiramate in Epilepsy. Glaxo SmithKline. (Protocol LAM 40112). October 2002-July 2003. November 2004-present.
32. **Sub-Investigator.** Protocol LAM20007 An Open-Label, Uncontrolled, Long-Term Study to Assess the Safety of LAMICTAL[®] in Pediatric Subjects Previously Enrolled in Protocol LAM20006 and in LAMICTAL-naïve Subjects (1-24 months of age) November 2004-present
33. **Sub-Investigator:** Pregabalin open-label add-on trial: an open label, multicenter follow-on study to determine long-term safety and efficacy in patients with partial seizures. Protocol No. 1008-010 Parke-Davis, 2004-June 2005.
34. **Sub-Investigator:** Efficacy and safety of Talampanel as adjunctive therapy in patients with partial seizures: A Phase II clinical trial. Protocol No. IXL-201-14-189. IVAX Laboratories, Inc. 2004 – June 2004.
35. **Sub-Investigator:** Talampanel Open-Label Adjunctive Therapy: A Follow-On Study to Determine Long-Term Safety and Efficacy in Patients with Partial Seizures (Protocol # IXL-201F14-189) IVAX Laboratories – 2004-June 2005.
36. **Sub-Investigator:** An open-label, long-term treatment of Retigabine (D-23129) in adult patients with partial epilepsy. ASTA Medica Aktiengesellschaft, D-80314 Frankfurt am Main, GERMANY- 2004-June 2004.
37. **Sub-Investigator:** A double-blind trial comparing the efficacy, tolerability and safety of monotherapy topiramate versus phenytoin in subjects with seizures indicative of new onset epilepsy. Ortho-McNeil Pharmaceutical, Inc. (Protocol CAPSS-272; Phase IIIB).
38. **Sub-Investigator:** Multicenter Open label phase IV Study to Assess the Tolerability, Safety, and Effectiveness of Switching from Carbamazepine Immediate Release and Liquid Formulations to Carbatrol Extended Release Capsules. Carbatrol SPEQT Study. Protocol SPD No. 433.401. February 2003 – June 2003

SPEAKER BUREAU AFFILIATIONS

Ortho-McNeil Neurologics Epilepsy and Anticonvulsants

