

## CURRICULUM VITAE

**Nancy L. Sicotte, M.D.**

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### EDUCATION

Undergraduate	1979-83	B.S. Brown University Providence, R.I. Major: Psychology (with Honors)
Medical	1988-92	M.D. University of California Irvine School of Medicine Irvine, California
Postgraduate	1992-93	Internship in Internal Medicine University of California Los Angeles Los Angeles, California
	1993-96	Neurology Residency Department of Neurology David Geffen School of Medicine at UCLA
	1996-98	Postdoctoral Fellowship Brain Mapping Division Department of Neurology David Geffen School of Medicine at UCLA

### LICENSURE

1993	California Medical License (G79260)
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### BOARD CERTIFICATION

1998, 2008	American Board of Psychiatry and Neurology (Neurology 44933)
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### ACADEMIC POSITIONS

1996-1999	Clinical Instructor Department of Neurology David Geffen School of Medicine at UCLA
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1999-2007           Assistant Professor in Residence  
Department of Neurology  
David Geffen School of Medicine at UCLA

2007-2014           Associate Professor in Residence  
Department of Neurology  
David Geffen School of Medicine at UCLA

2009-2010           Director, Medical Student Neurology Clerkship  
Department of Neurology  
David Geffen School of Medicine at UCLA

2010-present       Staff Physician  
Department of Neurology  
Cedars-Sinai Medical Center

2010-present       Founding Director  
Neurology Residency Program  
Department of Neurology  
Cedars-Sinai Medical Center

2010-present       Director, Multiple Sclerosis Program  
Department of Neurology  
Cedars-Sinai Medical Center

2010-present       Founding Site Director, Cedars-Sinai Medical Center  
Medical Student Neurology Clerkship  
David Geffen School of Medicine at UCLA

2013-present       Vice Chair for Education  
Department of Neurology  
Cedars-Sinai Medical Center

2014-present       Professor in Residence  
Department of Neurology  
David Geffen School of Medicine at UCLA

**HONORS AND AWARDS**

1990               UC Irvine Medical School, Milton T. Kaplan Award - excellence in microbiology  
1992               UC Irvine Medical School, Janet Glasgow Award - class rank #1 in medical school  
1992               UC Irvine Medical School, UCI Alumni Award - excellence in clinical medicine  
1992               UC Irvine Medical School, UCI Alumni Award - excellence in academics  
1996               UCLA Department of Neurology, Resident Poster Award  
1999               UCLA Department of Neurology, Medical Student Teaching Award  
1999               Straus Scholars in Neuroscience - first recipient  
2001               Harry Weaver Neuroscience Scholar of the National Multiple Sclerosis Society  
2001, 2002       Golden Hammer Neurology Resident Teaching Award Nominee  
2002, 2012       Faculty Excellence in Teaching Certificate, UCLA Department of Neurology  
2003               Travel award 8<sup>th</sup> Annual ACTRIMS meeting

2005-2015 Best Doctors in America  
 2006 Travel award 11<sup>th</sup> Annual ACTRIMS meeting  
 2008 Fellow of the American Academy of Neurology

## PROFESSIONAL ACTIVITIES

### University Service

1999-2010 Member, Residency Selection Committee, UCLA Dept. of Neurology  
 2000-2005 Member, Residency Training Committee, UCLA Dept. of Neurology  
 2001-2004 Associate Residency Training Director, UCLA Dept. of Neurology  
 2001-2010 Member, Space Committee, Division of Brainmapping, Neuropsychiatric Institute  
 2004-2010 Chair, Space Committee, Division of Brainmapping, Neuropsychiatric Institute  
 2004 Member, Search Committee, Stotter Chair in Neurosurgery, UCLA Division of Neurosurgery  
 2006 Member, Search Committee, Jack H. Skirball Endowed Chair, UCLA Dept. of Neurology  
 2008 Member, UCLA Neurology, Inpatient Task Force  
 2012-2013 Member, UCLA Neurology GME Committee  
 2010- Member, Cedars-Sinai Medical Center GME Committee  
 2013- Chair, GME subcommittee on faculty development, Cedars-Sinai Medical Center  
 2015- Member, Academic Promotions and Appointment Council, Cedars-Sinai Medical Center

### Community Service

1998-present Volunteer Physician, Venice Family Clinic  
 1999-2001 National MS Society, Southern California Chapter, Annual Recipe for MS Research  
 2001- National MS Society ad hoc grant reviewer  
 2002 National MS Society, MS Team Leaders Annual Meeting, Research Update, Tempe AZ  
 2002 National MS Society, Southern California Chapter, Research Update, Golden Circle  
 2004 National MS Society, Southern California Chapter, Progress and Promise in MS Research  
 2005, 2008 National MS Society, Southern California Chapter, Research Update  
 2008 Member, National MS Society Task Force on NMSS physician awards  
 2005-2010 Member, National MS Society Advisory Committee on Fellowships  
 2009-2010 Chair, National MS Society Advisory Committee on Fellowships  
 2010 Member, National MS Society Strategic Response Committee  
 2010- Member, Clinical Advisory Committee, Southern California/Nevada Chapter of the National MS Society  
 2012-2013 Chair, Clinical Advisory Committee, Southern California/Nevada Chapter of the National MS Society  
 2011-2013 Board Member, Academy of Visual and Performing Arts Foundation, Culver City High School  
 2013- Member, Grant Review Committee C, National MS Society  
 2014- Chair, Grant Review Committee C, National MS Society  
 2014-15 Invited Speaker, National MS Society Dinner of Champions

### Professional Society Memberships/Activities

1991- Alpha Omega Alpha Honor Society

1995-	American Academy of Neurology
1999-	UCLA Academic Senate
2001	Consortium of MS Centers, MRI Consensus Meeting
2005-	UCLA Brain Research Institute
2005-	UCLA Neuroscience Graduate Interdepartmental Program
2006	Reviewer, NIH/NINDS Study Section (BDCN-N) Special Emphasis Panel
2007-present	Reviewer, Scientific Abstracts, Annual Meeting of the American Academy of Neurology
2008-present	Co-Chair, Scientific Session on Multiple Sclerosis Imaging, Annual Meeting of the American Academy of Neurology
2010	Chair, Department of Defense Grant Review, MSRP, Drug Discovery/Biomarkers Panel
2012-present	ad hoc Reviewer, NIH/NINDS Clinical Neuroimmunology and Brain Tumors Study Section (CNBT)
2008-	Multiple Sclerosis Section Member, American Academy of Neurology
2008-	Neuroimaging Section Member, American Academy of Neurology
2014	Reviewer, Scientific Abstracts, Joint ACTRIMS-ECTRIMS Meeting

### Teaching Activities

1997-present	Instructor, UCLA Functional Neuroanatomy for Neuropsychologists
2000-2010	Attending Physician, UCLA Neurology inpatient hospital service
2000- 2010	Instructor, UCLA Neurology Clinical Fundamentals
2000-2007	Examiner, Mock Oral Board Exam for Neurology Residents
2000-2007	Director, Neurology Outpatient Conference, UCLA Dept. of Neurology
2000-2004	Director, Resident Core Curriculum, UCLA Dept. of Neurology
2001-2003	Instructor, UCLA Neuroscience Nurse Practitioner Course
2001-2004	Instructor, UCLA Problem Based Learning Seminars, Neurology Clerkship
2001-2004	Instructor, UCLA Pathophysiology of Disease Course
2002-2004	Member, Graduate student committee in Neuroscience, Karen Palaszynski
2003-2006	Member, Graduate student committee in Neuroscience, Allan McKenzie-Graham
2004-2007	Member, Graduate student committee in Neuroscience, Deborah Smith
2005-2006	Faculty Preceptor, Post Doctoral Fellow, Kristen Cardinal, Ph.D.
2005-2006	Faculty Preceptor, UCLA Undergraduate Student Research Program, Kyle Kern
2005-2007	Faculty Preceptor, UCLA Undergraduate Student Research Program, Stephanie Lei
2006	Faculty, AAN Educational Program "Update on Multiple Sclerosis" 58 <sup>th</sup> Annual Meeting of the American Academy of Neurology
2007	Faculty Preceptor, UCLA Neuroscience Interdepartmental Course, "Meet the Professors"
2007-2010	Faculty Preceptor, UCLA Undergraduate Student Research Program, Evan Momem
2007-2010	Faculty Preceptor, UCLA Undergraduate Student Research Program, Joseph Sarcona
2007-2010	Faculty Mentor, graduate student committee in Physiological Sciences, Kyle Kern
2008-2011	Member, Graduate student committee in Neuroscience, Marina Ziehn
2008-2010	Faculty Preceptor, UCLA Undergraduate Student Research Program, Allison Bamberg
2008-2010	Examiner, UCLA Neurology Exam for Residents
2009-2010	Faculty Preceptor, UCLA Undergraduate Student Research Program, Raja Gill
2008	Faculty, Educational Program "Advances in MRI in MS" 22 <sup>nd</sup> Annual Meeting of the Consortium of Multiple Sclerosis Centers, Denver, CO

2009-2010	Director, AAN Educational Program “MRI and Multiple Sclerosis” Annual Meeting of the American Academy of Neurology
2009-2010	Director, Clinical Symposium “Gender Specific Concerns in Multiple Sclerosis”, Annual Meeting of the Consortium of Multiple Sclerosis Centers
2010	Co-Chair, Integrated Neuroscience Session, “Imaging and Multiple Sclerosis”, 63 <sup>rd</sup> Annual Meeting of the American Academy of Neurology, Toronto, Canada
2010-present	Attending Physician, Cedars-Sinai Medical Center Inpatient Neurology teaching service
2011-2013	Faculty, Educational Program “Update on Neuroimaging”, Annual Meeting of the American Academy of Neurology
2012-2013	Director, AAN Educational Program “NeuroFlash: MRI and MS” Annual Meeting of the American Academy of Neurology
2011	Faculty Mentor, Cedars-Sinai Biomedical Graduate Program, Oana Dumitrascu
2011	Faculty Mentor, Foundation of the Consortium of MS Centers Medical Student Summer Research Scholarship, Kyle Kern
2011-2012	Supervisor, UC Berkeley Undergraduate Student Summer Volunteer, Brian Lee
2012-2013	Faculty Mentor, Marymount high school student internship program
2012-present	Lecturer, Cedars-Sinai Biomedical Graduate Program Neuroscience Core
2012-present	Faculty Mentor, Cedars-Sinai Clinical Translational Research Workshop
2013-present	Director, Neuroscience Core Curriculum, Departments of Neurology and Neurosurgery, Cedars-Sinai Medical Center
2014-	Director, AAN Educational Program “Morning Report: MS” Annual Meeting of the American Academy of Neurology

### Editorial Activities

Ad hoc reviewer for:

- Archives of Neurology
- Annals of Neurology
- Biological Psychiatry
- Brain
- Journal of Neuroimaging
- Journal of Neurology, Neurosurgery and Psychiatry
- Human Brain Mapping
- NeuroImage
- Neurology
- Multiple Sclerosis
- PLOS

### RESEARCH GRANTS: Past

1. NINDS Mentored Clinical Scientist Career Development Award, K08 NS02044, NL Sicotte, PI, “Functional Organization of Human Primary Motor Cortex”  
Goal: A mentored training award to use multimodal imaging techniques to assess human motor cortex activity.  
Total \$291,438. 7/1/98-6/30/02.
2. National Multiple Sclerosis Society, RG3016A4/1, R. Voskuhl, PI, “Estriol Treatment of Multiple Sclerosis: A Preliminary Trial”  
Goal: To determine if estriol treatment improves clinical and imaging markers of disease activity in women with MS.  
Total \$405,346. 4/01/99-3/31/01.
3. Supplement to NMSS RG3016A4/1, \$59,400.

**4. National Institute of Health, R01 NS38213, L. Weiner, PI “T-cell Vaccine for the treatment of Multiple Sclerosis”**

Goal: A double blind placebo controlled trial to determine the effect of a T-Cell vaccine on disease activity and clinical progression in secondary progressive MS.

Total \$1,234,488. 4/1/99-9/01/04.

**5. National Multiple Sclerosis Society, RG3239, R. Voskuhl, PI, “Testosterone Treatment for Multiple Sclerosis: A Preliminary Trial”**

Goal: A pilot study of testosterone gel in men with relapsing remitting MS.

Total \$631,318. 4/01/02-3/31/05.

**6. National MS Society, Harry Weaver Junior Faculty Award, JF2107, NL Sicotte, PI. “The Onset of Progressive MS: Structural and Functional Determinants”**

Goal: A serial imaging study to determine the MRI measures that are associated with clinical progression in MS. Total \$512,867. 7/01/01–6/30/07.

**7. National Institute of Health, U54 GM072978, Toga (Program PI); Voskuhl (Project PI) Program Title: “Center for Computational Biology (CCB)”. Project Title: “Mechanisms Underlying the Clinical Progression of MS and EAE”**

Goal: We will apply computational and mathematical approaches to the study of genes, cells, systems and whole brain in MS and EAE.

Total \$697,569. 09/15/04-09/14/07.

**8. National Multiple Sclerosis Society, RG3914, NL Sicotte (PI) “Hippocampal Volume Loss in Multiple Sclerosis: Clinical Consequences”**

Goal: To determine the cognitive correlates of hippocampal structural abnormalities detected with high resolution MRI at high field strength in MS patients.

Total \$277,640. 4/01/07-3/31/09.

**9. National Institute of Health, RO1 EY15311-01, J. Jen, PI "The Genetic and Functional Anatomical Basis of HGPPS (horizontal gaze palsy with progressive scoliosis)"**

Goal: To identify the gene and the functional/anatomical consequences of its dysfunction in an inherited disorder of eye movements and scoliosis associated with anomalies of brainstem anatomy

Total \$1,525,000. 4/01/04-3/31/10.

**10. National Multiple Sclerosis Society CA 1028-A-9, Voskuhl (PI).**

“A Collaborative MS Research Center Award: Neuroprotection in EAE/MS”

Goal: A center grant to pursue collaborations between MS researchers and basic neuroimaging and neuroscience experts to investigate the neurodegenerative aspect of EAE/MS.

Total \$825,000. 4/01/05-3/31/10.

**11. National Multiple Sclerosis Society, RG4176, NL Sicotte (PI)**

“Hippocampal Degeneration in Multiple Sclerosis: MRI and histopathological correlation”

Goal: To determine the MRI signature and corresponding neuropathological substrate of hippocampal volume loss in MS.

Total \$177,126. 10/15/08-9/30/10.

**12. Department of Defense, MS090201, W81XWH-10-1-0882, NL Sicotte (PI)**

“Imaging Metrics of White Matter Degeneration in Multiple Sclerosis”

Goal: To develop composite imaging measures of the corpus callosum using standard and diffusion tensor imaging to predict future disease progression in patients with relapsing remitting MS.

Total: \$138,197. 9/30/10-9/29/11.

**13. NIH, NINDS/ National MS Society, R01 NS 051591 / RG 3915-A-15, Voskuhl (PI)**

"A Combination Trial of Copaxone Plus Estriol in RRMS"

Goal: This is a multicenter trial using an estrogen to treat patients with MS.

NIH and NMSS co-funded direct = \$4,611,633. 9/1/2010-9/30/2013.

**RESEARCH GRANTS: Active**

**1. National Multiple Sclerosis Society RG 4424-A-5/1, NL Sicotte (PI)**

“Differential hippocampal vulnerability as a mechanism for major depression in MS”.

Goal: To determine if subregional atrophy patterns in MS patients comorbid for depression and the relationship to cortisol secretion patterns and cognitive function.

Total: \$506,341. 9/30/2011-9/30/2015 (NCE).

**2. National MS Society RG 4752-A-3 NL Sicotte (PI)**

“Tracking Hippocampal Subregional Atrophy in Multiple Sclerosis: Effect of Estriol Treatment

Goal: To compare manual hippocampal segmentation with surface based mapping techniques to detect and monitor hippocampal subregional atrophy patterns in MS patients and the effect of estriol treatment on these measures.

Total: \$241,982. 7/1/2012-6/30/2015 (NCE).

**3. The Race to Erase MS Foundation. NL Sicotte (PI)**

“Pilot Project: Developing a standardized multiple sclerosis imaging protocol across multiple centers in North America”

Goal: To develop and test an advanced imaging protocol for multiple sclerosis as part of the NAIMS (North American Imaging in MS) Cooperative

Total: \$92,000 7/1/14-6/30/16

**RESEARCH GRANTS: Submitted**

**1. National MS Society. SM Gold (PI)**

“Phase III RCT of an internet-based CBT program adapted for depression in MS”

Goal: To determine the effectiveness of an on-line program of cognitive behavioral therapy in treating MS related depression.

Total: \$1,855,344 1/1/16-6/30/19

**INVITED LECTURES/SYMPOSIUMS**

Cedars-Sinai Medical Center, “Review of Neurology for Internists”, Los Angeles, CA, 4/18/97.

UCLA Neuroscience Grand Rounds, “Diffusion Tensor Imaging in Multiple Sclerosis” Los Angeles, CA, 2/10/98.

UCLA Brain Mapping Seminar. “New Imaging Approaches for Neurological Disease” Los Angeles, CA, 10/14/98.

UCLA Neurology Outpatient Conference, “Imaging in MS: An Update” Los Angeles, CA, 9/13/2000.

UCLA Mental Retardation Research Center Annual Retreat, Lake Arrowhead, CA, “Magnetic Resonance Imaging in Neurological Disorders” 11/17/00.

UCLA Psychoneuroimmunology graduate seminar, “Understanding Multiple Sclerosis” 12/6/00.

Harbor-UCLA Department of Neurology Grand Rounds, “Non-conventional Imaging Approaches in MS” 1/5/01.

UCLA Neurology Outpatient Conference, “Update on MS” Los Angeles, CA 9/19/01.

Scripps Clinic, Division of Neurology Grand Rounds, “Imaging and MS: A review” La Jolla, CA, 12/10/01.

UCLA Brain Mapping Seminar. “Structural and Functional Imaging in MS” Los Angeles, CA, 12/11/01.

UCLA Neurology Outpatient Conference, “Introduction to the Diagnosis and Treatment of MS” Los Angeles, CA 7/31/02.

West LA/Wadsworth VA Department of Neurology Grand Rounds, “MS Mimics” Los Angeles, CA 8/9/02.

West LA/Wadsworth VA Department of Neurology Grand Rounds, “Imaging Markers of Disease Progression in MS” Los Angeles, CA 3/14/03.

UCLA Neurology Outpatient Conference, “New Developments in the Diagnosis of MS” Los Angeles, CA 9/17/03.

Continuing Medical Educational Seminar “MRI and Multiple Sclerosis: An Update”, Beverly Hills, CA, 9/20/03.

UCLA Neuroscience Grand Rounds, “Neurodegeneration in Multiple Sclerosis” Los Angeles, CA, 11/19/03.

UCLA Brain Mapping Seminar, “The effect of the pregnancy hormone estriol on MRI markers of neurodegeneration in MS patients” Los Angeles, CA 6/2/04.

UCLA Neurology Outpatient Conference, “MS Mimics” Los Angeles, CA 9/22/04.

Continuing Medical Educational Seminar, “MRI Measures “Beyond the Lesion” – Clinical Implications” Century City, CA 10/30/04.

UCLA Neurology Outpatient Conference, “New Medications for MS” Los Angeles, CA 1/19/05.

UCLA "Brain Matters" Conference, “MRI as an Outcome Measure in MS Clinical Trials” Los Angeles, CA 2/14/05.

West LA/Wadsworth VA Department of Neurology Grand Rounds, “New Medications for MS – an update” Los Angeles, CA 3/11/05.

Continuing Medical Educational Seminar, “The Use of Steroid Sex Hormones in the Treatment of Multiple Sclerosis” Beverly Hills, CA 4/3/05.

Continuing Medical Educational Seminar, - Advances in Neurology, “Managing Multiple Sclerosis in the Long Term”, Chicago, IL 6/18/05.

Neurology Residents and Fellow’s Forum, “MRI Imaging in Multiple Sclerosis: Standard and Novel Techniques” San Diego, CA 9/23/05.

Montana Neurological Association Meeting, “MRI Techniques for Neurological Disorders: Spectroscopy and Diffusion Tensor Imaging”, Big Fork, MT 10/8/05.

Advances in Neurological Therapies, CME Conference, “Therapeutic Advances in Multiple Sclerosis”, Los Angeles, CA 11/5/05.

Innovations in Managing Chronic Neurologic Diseases, CME Conference, “New Developments in MR Imaging for Neurological Disease, Los Angeles, CA 3/25/06.

United Kingdom Multiple Sclerosis Society Annual Meeting, “Hormone Treatments for Multiple Sclerosis: An Update”, Manchester, England, 4/22/06.

Cedars-Sinai Medical Center Neurology Grand Rounds, “The Use of Hormone Therapies in Multiple Sclerosis”, Los Angeles, CA 4/26/06.

Continuing Medical Education Seminar, “Cutting Edge Neuroimaging Techniques: How can they help us?” Seattle, WA 5/21/06.

UCLA Neurology Outpatient Conference, “MS Diagnosis” Los Angeles, CA 9/20/06.

Discussant, UCLA Neurology Grand Rounds, Clinicopathological Conference, Los Angeles, CA 3/7/07.

5<sup>th</sup> International Conference, Society for the Study of Androgen Deficiency, “Testosterone and Multiple Sclerosis”, London, England, 3/29/07.

Oliveview-UCLA Medical Center, Neurology Grand Rounds, “Neurodegeneration in Multiple Sclerosis”, Sylmar, CA, 7/31/07.

Harbor-UCLA Neurology Grand Rounds, “New Therapies for Multiple Sclerosis”, 11/2/07.

Greater Illinois Chapter of the National MS Society, Keynote Speaker, 12<sup>th</sup> Annual Research Symposium, “Hormone Treatments for MS” Chicago, IL, 12/1/07.

UCLA Neurology Grand Rounds, “Hippocampal Degeneration in MS”, Los Angeles, CA 12/19/07.

Keynote Speaker, National MS Society Palm Springs Chapter, Hormone Therapies for Multiple Sclerosis, Palm Springs, CA 2/11/08.

Oliveview-UCLA Medical Center, Neurology Grand Rounds, “Emerging Treatments for MS”, Sylmar, CA 9/30/08.



Neurobiology Seminar, UC Riverside, “Gray Matter Involvement in Multiple Sclerosis”, Riverside, CA 10/20/08.

UCLA Neurology Outpatient Conference, “Conventional MRI in Multiple Sclerosis”, Los Angeles, CA, 10/29/08.

Mellen Center Visiting Professor, Cleveland Clinic Neurology Grand Rounds “ Neurodegeneration in MS: Involvement of the Hippocampus”, Cleveland, OH, 11/9/08-11/11/08.

4<sup>th</sup> Annual UCLA Advances in Neurotherapeutics, “Advances in the Treatment of Multiple Sclerosis”, Los Angeles, CA 11/15/08.

Cedars-Sinai Neuroscience Grand Rounds, “The Hippocampus in Multiple Sclerosis: Evidence for subregional vulnerability”, Los Angeles, CA 12/8/09.

National MS Society Research Forum, “Hippocampal Involvement in MS”, Newport Beach, CA, 3/6/10. Neurology Grand Rounds, University of Southern California, “Gray Matter Involvement in Multiple Sclerosis”, Los Angeles, CA 3/09/10.

Neuroscience Grand Rounds, University of Alberta, “Selective Subregional Hippocampal Vulnerability in Multiple Sclerosis”, Edmonton, Alberta, Canada, 3/12/10.

Neuroscience Grand Rounds, University of California, San Diego, “The Hippocampus in MS: Evidence for Subregional Vulnerability”, 10/22/10.

Judith Jaffe MS Center MS Symposium, Weill Cornell Medical College, “Hippocampal Atrophy in MS: Evidence for Subregional Vulnerability”, New York, NY 12/15/10.

CME conference: Advances in Neurology and Neurosurgery 2011, “Late-breaking New Therapies for Multiple Sclerosis: Oral Agents to Modify Disease”, Marina del Rey, CA 2/26/11.

The New York Academy of Sciences Conference, Cognitive Dysfunction in Multiple Sclerosis: New approaches to diagnosis and treatment, Invited speaker “Subregional Hippocampal Atrophy in Multiple Sclerosis: Relationship to Cognitive Function and Mood”, New York, NY 6/23/11.

California Multiple Sclerosis Research Forum 2011, “Subregional Localization of Disease Specific Effects on the Hippocampus in MS”, San Francisco, CA 8/5-6, 2011.

Biomedical Imaging Research Institute Research Forum, Cedars-Sinai Medical Center, “Multimodal MR Imaging in Multiple Sclerosis: Mapping Structure and Function”, Los Angeles, CA 12/2/2011.

Van Der Meulen Symposium in Clinical Neuroscience, University of Southern California, “MRI in MS Diagnosis and Prognosis”, Los Angeles, CA 5/12/2012.

Neurology Grand Rounds, Harbor-UCLA Medical Center, “Current and Emerging Treatments for Multiple Sclerosis”, Torrance, CA 10/26/12.

Medicine Grand Rounds, Cedars-Sinai Medical Center, “MS Therapeutics”, Los Angeles, CA 5/30/14.

## **BIBLIOGRAPHY**

### **A. RESEARCH PAPERS – PEER REVIEWED**

1. Buchsbaum MS, Hazlett E, **Sicotte NL**, Ball R, Johnson S. Geometric and scaling issues in topographic electroencephalography. In: *Topographic Mapping of the Brain*. Butterworth Publishers, Inc. 1985.
2. Buchsbaum MS, Hazlett E, **Sicotte NL**, Stein M, Wu J, Zetin M. Topographic EEG changes with benzodiazepine administration in generalized anxiety disorder. *Biological Psychiatry* 20:832-842, 1985.
3. Breslau J, Starr A, **Sicotte NL**, Higa J, Buchsbaum MS. Topographic EEG changes with normal aging and SDAT. *EEG and Clinical Neurophysiology* 72:281-289, 1989.
4. Buchsbaum MS, Gillin JC, Wu J, Hazlett E, **Sicotte NL**, Dupont R, Bunney, WE Jr. Regional cerebral glucose metabolic rate in human sleep assessed by PET. *Life Sciences* 45:349-56, 1989.

5. Buchsbaum MS, Nuechterlein KH, Haier RJ, Wu J, **Sicotte NL**, Hazlett E, Asarnow R, Potkin S, Guich S, Lagunas-Solar M. Glucose metabolic rate in normals and schizophrenics during the CPT assessed by PET. *British Journal of Psychiatry* 156:216-227, 1990.
6. Wu J, Hagman J, Buchsbaum MS, Blinder B, Derrfler M, Win YT, Hazlett E, **Sicotte NL**. Greater left cerebral hemispheric metabolism in bulimia assessed by PET. *American Journal of Psychiatry* 147(3):309-312, 1990.
7. Wu J, Gillin JC, Buchsbaum MS, Hazlett E, **Sicotte NL**, Bunney, WE Jr. The effect of sleep deprivation on cerebral glucose metabolic rate in normal humans assessed with PET. *Sleep* 14(2):155-6, 1991.
8. Buchsbaum MS, Cotman C, Kesslak P, Lynch G, Chui M, **Sicotte NL**, Hazlett E. Decreased hippocampal rate in patients with SDAT assessed by PET during olfactory memory task. In: *Key topics in Brain Research*. Ed. Maurer, Riederer, Bickmann. Springer Verlag, 1990.
9. Holland AJ, **Sicotte NL**, Treasure J. Anorexia nervosa: evidence for a genetic basis. *Journal of Psychosomatic Research* 32(6):561-571, 1988.
10. Wu J, Buchsbaum MS, Hershey TG, Hazlett E, **Sicotte NL**. PET in generalized anxiety disorder. *Biological Psychiatry* 29(12):1181-99, 1991.
11. Buchsbaum MS, Kesslak JP, Lynch G, Chui H, Wu J, **Sicotte NL**, Hazlett E, Cotman CW. Temporal and hippocampal metabolic rate during an olfactory memory task in Alzheimer type dementia and controls: preliminary studies. *Archives of General Psychiatry* 48(9):840-7, 1991.
12. Buchsbaum MS, Siegal BV, Wu JC, Hazlett E, **Sicotte NL**, Haier RJ, Tanguay P. Brief report: attention performance in autism and regional brain metabolic rate assessed by PET. *Journal of Autism and Developmental Disorders* 22(1):115-25, 1992
13. Woods RP, Grafton ST, Watson JDG, **Sicotte NL**, Mazziotta JC. Automated image registration: II. Intersubject validation of linear and nonlinear models. *Journal of Computer Assisted Tomography* 22:155-165, 1998.
14. **Sicotte NL**, Woods RP, Mazziotta JC. Handedness in twins: a meta-analysis. *Laterality* 4(3):265-286, 1999.
15. Woods RP, Dapretto M, **Sicotte NL**, Toga AW, Mazziotta JC. Creation and use of a talairach-compatible atlas for accurate, automated, non-linear intersubject registration and analysis of functional imaging data. *Human Brain Mapping* 8(2-3):73-9, 1999.
16. Cannestra A, Bookheimer SY, O'Farrell A, **Sicotte NL**, Martin N, Rubino G, Toga A. Temporal and topographic characterization of language cortices utilizing intraoperative optical intrinsic signals. *NeuroImage*, 12 (1): 41-54, 2000.
17. Pouratian N, Bookheimer SY, O'Farrell AM, **Sicotte NL**, Cannestra AF, Becker D, Toga AW. Optical Imaging of Bilingual Cortical Representations: A case report. *Journal of Neurosurgery* 93:686-691, 2000.
18. Pouratian N, **Sicotte NL**, Rex D, Martin NA, Becker D, Cannestra AF, Toga AW. Spatial/Temporal Correlation of BOLD fMRI signals, 610nm optical intrinsic signals and electrocortical stimulation mapping within subjects in humans. *Magnetic Resonance and Medicine*, 47:766-776, 2002.

19. **Sicotte NL**, Voskuhl RV. Onset of multiple sclerosis associated with anti-TNF therapy. *Neurology*, 57:1885-1888, 2001.
20. **Sicotte NL**, Liva S, Klutch R, Pfeiffer P, Bouvier S, Odessa S, Wu TCJ, Voskuhl R. Treatment of multiple sclerosis with the pregnancy hormone estriol. *Annals of Neurology*, 52:421-428, 2002.
21. **Sicotte NL**, Voskuhl RR, Bouvier S, Klutch R, Cohen M, Mazziotta JC. A comparison of multiple sclerosis lesions at 1.5T and 3.0T. *Investigative Radiology*, 38(7):423-427, 2003.
22. Soldan SS, Alvarez-Retuerto AI, **Sicotte NL**, Voskuhl RR. Immune modulation in multiple sclerosis patients treated with the pregnancy hormone estriol. *J Immunology*, 171(11):6267-74, 2003.
23. Soldan SS, Alvarez-Retuerto AI, **Sicotte NL**, Voskuhl RR. Dysregulation of IL-10 and IL-12p40 in secondary progressive multiple sclerosis. *J Neuroimmunology*, 146(1-2):209:15, 2004.
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