

## CURRICULUM VITAE

### Andrew Francis Leuchter, M.D.

Work Address: Department of Psychiatry and Biobehavioral Sciences  
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### **Academic Appointments**

- Professor, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine at UCLA. July 2000 – present.
- Daniel X. Freedman Professor, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine at UCLA. July 2003 – June 2006.
- Vice Chair, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine at UCLA. September 2002 – June 2006.
- Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, UCLA Neuropsychiatric Institute, July 1999 - June 2000.
- Director, Laboratory of Brain, Behavior, and Pharmacology, Semel Institute for Neuroscience and Human Behavior at UCLA, September 2002 - present.
- Senior Research Scientist, Semel Institute for Neuroscience and Human Behavior at UCLA. September 2000 – present.
- Director, Division of Adult Psychiatry, UCLA Department of Psychiatry and Biobehavioral Sciences; and UCLA Neuropsychiatric Institute and Hospital. January 1998 - June 2003.
- Chief of Staff, UCLA Neuropsychiatric Hospital. July 2001 - June 2003.
- Vice Chief of Staff, UCLA Neuropsychiatric Hospital. July 1999 - June 2001.
- Director, Office of Professional and Community Education, Semel Institute for Neuroscience and Human Behavior at UCLA. September 1995 - present.
- Director, Quantitative Electroencephalography Laboratory, UCLA Neuropsychiatric Institute and Hospital. January 1986 - present.
- Member, UCLA Brain Research Institute, July 1991 - present.
- Associate Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, UCLA School of Medicine. July 1994-July 1999.

- Assistant Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, UCLA School of Medicine. July 1986-July 1994.
- Director, Clinical Core, UCLA Alzheimer's Disease Center. September 1991 - 2000.
- Associate Director, Geriatric Services, UCLA Neuropsychiatric Hospital. March 1995 - December 1997.
- Co-Director, Geropsychiatry Inpatient Service, UCLA Neuropsychiatric Institute and Hospital. July 1986 - July 1992.
- Staff Psychiatrist, Medication Development Unit, West Los Angeles VA Medical Center. July 1992 - June 1999.

### **Honors, Awards, and Recognitions**

- Award for Outstanding Research, June 1996, UCLA Research Conference on Aging. "NGF in Rats with Nucleus Basalis Lesions: Cholinergic and Quantitative Electroencephalographic Correlates," Holschneider DP, Leuchter, AF, Walton NY, Scremin OU, Treiman DM
- Outstanding Research Mentor Award, UCLA Department of Psychiatry & Biobehavioral Sciences, 1996
- Early Career Research Award, American Psychiatric Electrophysiology Association, 1997
- Fellow, American Psychiatric Association, 2000
- Member, Mental Disorders of Aging Review Committee, National Institute of Mental Health, 1998 - 2000
- Ad hoc grant reviewer, National Center for Complementary and Alternative Medicine, National Institutes of Health, 2003 – 2004
- Invited presenter, "Brain Mechanisms in the Placebo Response," Workshop sponsored by the National Institute of Mental Health and the Mind, Brain, Body, and Health Initiative. September 27 – 28, 2004

### **Post-Graduate Training**

- Internship, Wadsworth Veterans Administration Medical Center (Medicine/Neurology) and UCLA Neuropsychiatric Institute (Geroneuropsychiatry/Neurology). July 1980-June 1981.
- Psychiatry Resident, UCLA Neuropsychiatric Institute. July 1981-July 1984.
- Acting Ward Director, Ward 3-South, UCLA Neuropsychiatric Institute, June 1983 - September 1983.
- Robert Wood Johnson Clinical Scholar, UCLA Clinical Scholars Program. July 1984-June 1986.

### **Medical Education**

BAYLOR COLLEGE OF MEDICINE, Houston, Texas, M.D., 1980

### **Undergraduate Education**

STANFORD UNIVERSITY, Stanford, California. B.S., 1976. Interdepartmental major in biophysics

### **Board Certification**

- Diplomate, Added Qualification in Geriatric Psychiatry, American Board of Psychiatry and Neurology, 1991 and 2001

- Diplomate, American Board of Electroencephalography and Neurophysiology, 1990
- Diplomate in Psychiatry, American Board of Psychiatry and Neurology, 1986

### **Membership in Professional Societies**

- American Association for Geriatric Psychiatry
- American Medical EEG Association
- American Psychiatric Association
- Group for the Advancement of Psychiatry
- American Psychiatric Electrophysiology Association
- American College of Psychiatrists
- EEG and Clinical Neuroscience Society

### **Service to Organizations**

- Council Member-at-Large, American Medical EEG Association. 1990-1995.
- Member, Medical and Scientific Advisory Board, Alzheimer's Association. 1991-present
- Chair, Physician Education Subcommittee, Alzheimer's Association, 1992-1996
- Member, Education Committee, Alzheimer's Association. 1992-1999
- Chair, Los Angeles Area Alzheimer's Disease Biennial Conference, 1995
- Member, Executive Committee, Sequenced Treatment Alternatives to Relieve Depression (STAR\*D), December 2002 – December 2004.

### **Editorial Service to Scholarly Publications**

- Assistant Editor, American Journal of Geriatric Psychiatry, 1993 – 2000.
- Reviewer for Archives of General Psychiatry, American Journal of Geriatric Psychiatry, Journal of the American Psychiatric Association, JAMA, Journal of the American Geriatric Society, International Journal of Geriatric Psychiatry, Journal of Nervous and Mental Disease, Journal of Neuropsychiatry and Clinical Neurosciences, Alzheimer's Disease: International Journal, Psychiatry Research, Biological Psychiatry, Journal of Clinical Psychiatry, and Brain.

### **University Committees**

- Member, Executive Committee, UCLA Academic Senate, September 2005 - present
- Chair, Faculty Executive Committee, David Geffen School of Medicine at UCLA, September 2005 – present
- Vice Chair and Chair-Elect, Faculty Executive Committee, David Geffen School of Medicine at UCLA, September 2004 – August 2005
- Member, Faculty Executive Committee, David Geffen School of Medicine at UCLA, August 2003 – present
- Chair, Conflict of Interest Review Committee, July 2006 – present.
- Member, Conflict of Interest Review Committee (formerly known as the Independent Substantive Review Committee, UCLA), July 2005 – present.
- Chair, Task Force on Prevention of Student Harassment, David Geffen School of Medicine at UCLA, December 2003 – August 2004.
- Member, Chancellor's Task Force on Clinical Research Process Improvement, January 2004 – July 2004.

**Semel Institute for Neuroscience and Human Behavior, Neuropsychiatric Hospital, and Department of Psychiatry and Biobehavioral Sciences Committees**

- Appointments and Advancements Committee, UCLA Department of Psychiatry and Biobehavioral Sciences, 1987-1992, 1995-1999.
- Utilization Review Committee, NPH, 1988.
- ECT Review Committee, NPH, 1988 - 1997
- Mental Health Group Board of Directors, Department of Psychiatry and Biobehavioral Sciences, 1988 - 1990
- Medical Records Committee, NPH, 1992 - 1997
- Chair, ECT Review Committee, NPH, 1994 – 1997
- Chair, Continuing Education Committee, Semel Institute for Neuroscience and Human Behavior, 1995 – present
- Neuropsychiatric Behavioral Health Services Board of Directors, Department of Psychiatry and Biobehavioral Sciences, 1998 – 2003
- Steering Committee, Department of Psychiatry and Biobehavioral Sciences, 1998 – present
- Director’s Forum, NPI, 1998 - present
- Chair, Faculty Advisory Board, Friends of the Semel Institute, September 2003 – present
- Chair, NPI Residency Oversight Council, January 2003 – June 2006.

**Research Support**

Public Health Service Biomedical Research Support Grant RR5756. “Psychiatric Diagnosis of Dementia.” Andrew Leuchter, M.D., Principal Investigator. November 1, 1984 - June 30, 1986. \$4,870.

“Mental Illness in the Elderly: Diagnostic Testing.” 1ROI MH/NS 40705-01. Andrew Leuchter, M.D., Principal Investigator. March 1, 1986 - February 28, 1989. \$151,000.

Geriatric Mental Health Academic Award. 1KO7 MH00665-01. Andrew Leuchter, M.D., Principal Investigator. August 1, 1986 - July 30, 1989. \$161,216.

“Early Detection of HIV Dementia.” American Foundation for AIDS Research. Andrew Leuchter, M.D., Principal Investigator. June 1, 1988 - May 30, 1989. \$60,000.

“Mental Illness in the Elderly: Diagnostic Testing.” 1ROI MH/NS 40705-04. Andrew Leuchter, M.D., Principal Investigator. August 1, 1989 - July 31, 1995. \$1,372,055.

“Research Fellowship.” R-S901019. Support for Ian Cook, M.D., for The John E. Fetzer Institute, Inc. Andrew Leuchter, M.D., Principal Investigator. October 1, 1990 - September 30, 1991. \$15,000.

“Alzheimer’s Disease Center.” AG10123-01. Jeffrey Cummings, M.D., Principal Investigator. Andrew Leuchter, M.D., Principal Investigator, Clinical Core. September 1, 1991 - August 30, 1996. \$3,520,416.

“EEG Methods for the Assessment of Cerebral Function and Dysfunction.” Investigator-initiated Collaborative Research Agreement (W920415) with Neurodata, Inc. Andrew Leuchter, M.D., Principal Investigator. September 15, 1992 - September 14, 1993. \$104,000.

The Examination of Memory Processes in Elderly Adults Utilizing Quantitative Electroencephalography (qEEG)”. Fellowship for Ruth O’Hara, Ph.D., from The Brookdale Foundation. Andrew Leuchter, M.D., Principal Investigator. May 1, 1993 - April 30, 1995. \$105,000.

“Research Fellowship.” Support for Daniel Holschneider, M.D., from American Geriatric Society and Pfizer Inc. U.S. Pharmaceuticals Group. Andrew Leuchter, M.D., Principal Investigator. July 1, 1994 - June 30, 1996. \$80,000.

“Neurophysiologic Monitoring of Antidepressant Treatment.” Investigator-initiated research grant from Lilly Research Laboratories. Andrew Leuchter, M.D., Principal Investigator. January 1, 1995 - April 30, 1996. \$74,250.

Research Science Development Award. “Psychiatric Assessment of Cognition in the Elderly.” 1 K02 MH01165-01. Andrew Leuchter, M.D., Principal Investigator. December 1, 1994 - November 30, 1999. \$494,100.

“Mental Illness in the Elderly: Diagnostic Testing.” 1 R01 MH40705-09A2. Andrew Leuchter, M.D., Principal Investigator. September 30, 1995 - June 30, 2000. \$1,969,032.

“Physiological Monitoring of Antidepressant Treatment Response.” Investigator-initiated research grant from Wyeth-Ayerst Laboratories. Andrew Leuchter, M.D., Principal Investigator. June 1, 1996 - December 31, 1997. \$80,000.

“Alzheimer’s Disease Center.” P30 AG10123-06. Jeffrey Cummings, M.D., Principal Investigator. Andrew Leuchter, M.D., Principal Investigator, Clinical Core. July 1, 1996 - June 30, 2001. \$1,473,089.

“Therapeutic Response to Reboxetine in Major Depression: Relationship to Pretreatment Cordance.” Investigator-initiated research grant from Pharmacia & Upjohn. Andrew Leuchter, M.D., Principal Investigator. November 1999 - April 2002. \$282,346.

“Open Label Reboxetine Continuation Therapy.” Investigator-initiated research grant from Pharmacia & Upjohn. Andrew Leuchter, M.D., Principal Investigator. January 1999 - February 2002. \$99,323.

Research Science Development Award. “Enhancing Treatment Outcomes in Depression.” 1 K02 MH01165-06. Andrew Leuchter, M.D., Principal Investigator. December 1999 - November 2004. \$670,950.

“Research Training. Psychobiological Sciences.” T32 MH17140. Andrew Leuchter, M.D., Principal Investigator. July 1, 2003 - June 30, 2008. \$1,414,704.

- “Physiologic Monitoring of Antidepressant Medication Effects in Normal Control Subjects.” Investigator-initiated research grant from Lilly Research Laboratories. Andrew Leuchter, M.D., Principal Investigator. December 1, 2000 – November 30, 2003. \$122,880.
- “Sequenced Treatment Alternatives to Relieve Depression” Subcontract from University of Texas Southwestern/NIMH. Andrew Leuchter, M.D., Regional Center Director. April 1, 2001 – September 30, 2004. \$466,054.
- “A Double-Blind, Placebo-Controlled, Multicenter Study of the Long-Term Efficacy of MK-0869 in the Maintenance of Antidepressant Effect in Geriatric Outpatients with Major Depressive Disorder.” Research contract from Merck & Company. Andrew Leuchter, M.D., Principal Investigator. May 2002 – February 2004. \$295,100.
- “Open-Label Treatment w/Duloxetine HCl Once-Daily Dosing for Evaluation of Stabilization Dose in Patients with Major Depression.” Research contract from Eli Lilly & Company. Andrew Leuchter, M.D., Principal Investigator. December 2002 – December 03, 2005. \$141,417.
- “Placebo Responder Evaluation using Comprehensive Investigation of Symptoms and EEG (PRECISE).” Investigator-initiated research grant from Pfizer Global Medical Research (Biomarkers Development) and Lilly Research Laboratories. Andrew Leuchter, M.D., Principal Investigator. December 23, 2003 – June 30, 2006. \$570,052.
- “Psychobiologic Factors of the Placebo Response in MDD”. 1 RO1 AT002479-01. Andrew Leuchter, M.D., Principal Investigator. September 29, 2004 – June 30, 2008. \$1,343,025.
- “Depression Treatment Network.” Subcontract from University of Texas Southwestern/NIMH. Andrew Leuchter, M.D., Regional Center Director. September 29, 2004 – September 28, 2007. \$86,463.
- “Duloxetine Versus Placebo in the Treatment of Fibromyalgia Syndrome” Industry-initiated research grant from Eli Lilly and Company. Andrew F. Leuchter, M.D., Principal Investigator. October 01, 2005 – April 12, 2007. \$174,435.
- “Examination of Quantitative Electroencephalographic Biomarkers in Huntington’s Disease: A Pilot Project” 20063027 Investigator-initiated research contract from High Q Foundation, Andrew F. Leuchter, M.D., Principal Investigator. September 01, 2006 – August 31, 2007. \$63,048.
- “An 8-week, randomized, double-blind, fixed dosage, placebo controlled, parallel-group, multi-center study of the efficacy, safety and tolerability of agomelatine 25 mg and 50 mg in the treatment of Major Depressive Disorder (MDD) followed by a 52-week, open-label extension (CAGO178A2302E)” Multi-site industry sponsored research contract with Novartis Pharmaceuticals. Andrew F. Leuchter, M.D., Principal Investigator. November 01, 2006 – October 31, 2007. \$246,916.

### **Patents**

1. U.S. Patent: Diagnosing brain conditions by quantitative electroencephalography. Inventors: Leuchter AF, Cook IA. U.S. Patent Number 5,230,346.
2. U.S. Patent: Determining the nature of brain lesions by electroencephalography. Inventors: Leuchter AF, Cook IA. U.S. Patent Number 5,269,315.
3. U.S. Patent: Method and apparatus for determining the nature of brain lesions by electroencephalography. Inventors: Leuchter AF, Cook IA. U.S. Patent Number 5,309,923.

### **Articles**

1. Leuchter AF: The responsibilities for the state for the prevention and treatment of mental illness among prisoners. Journal of Forensic Sciences 26:134, 1981.
2. Leuchter AF, Spar JE: The late-onset psychoses: clinical and diagnostic features. Journal of Nervous and Mental Disease 173(8): 488, 1985.
3. Leuchter AF, Spar JE, Walter DO, and Weiner H: Electroencephalographic spectra and coherence in the diagnosis of Alzheimer's-type and multi-infarct dementia: a pilot study. Archives of General Psychiatry 44(11): 993-998, 1987.
4. Leuchter AF and Walter DO: Topography of brain electrical activity in Alzheimer's disease. Bulletin of Clinical Neurosciences 53:78-83, 1988.
5. Leuchter AF and Walter DO: Diagnosis and assessment of dementia using functional brain imaging. International Psychogeriatrics 1:63-72, 1989.
6. Leuchter AF, Read S, Walter DO, Shapira J, and Smith C: Stable bimodal response to cholinomimetic drugs in Alzheimer's disease: brain mapping correlates. Neuropsychopharmacology 4:165-173, 1991.
7. Leuchter AF, Jacobson SA: Quantitative measurement of brain electrical activity in delirium. International Psychogeriatrics 3:231-247, 1991.
8. Leuchter AF, Newton TF, Cook IA, Walter DO, Rosenberg-Thompson S, Lachenbruch PA: Changes in brain functional connectivity in Alzheimer's-type and infarct dementia. Brain 115:1543-1561, 1992.
9. Newton TF, Leuchter AF, Walter DO, Van Gorp W, Stern C, Mandelkern M, Weiner H: EEG coherence in men with AIDS: association with subcortical metabolic activity. Journal of Neuropsychiatry and Clinical Neurosciences 5(3): 316-321, 1993.
10. Jacobson S, Leuchter AF, Walter D: Conventional and quantitative EEG in the diagnosis of delirium among the elderly. Journal of Neurology, Neurosurgery and Psychiatry 56:153-158, 1993.

11. Small GW, Leuchter AF, Mandelkern MA, LaRue A, Okonek A, Lufkin RB, Jarvik LF, Matsuyama SS, Bondareff W: Clinical, neuroimaging, and environmental risk differences in monozygotic female twins appearing discordant for dementia of the Alzheimer type. Archives of Neurology 50:209-219, 1993.
12. Leuchter AF, Daly KA, Rosenberg-Thompson S, Abrams M: The prevalence of electroencephalographic abnormalities among patients with possible organic mental syndromes. Journal of the American Geriatric Society 41:605-611, 1993.
13. Jacobson S, Leuchter AF, Walter DO, Weiner H: Serial quantitative EEG among elderly subjects with delirium. Biological Psychiatry 34:135-140, 1993.
14. Leuchter AF, Cook IA, Newton TF, Walter DO, Rosenberg-Thompson S, Lachenbruch PA, Weiner H: Regional differences in brain electrical activity in dementia: use of spectral power and spectral ratio measures. Electroencephalography and Clinical Neurophysiology 87:385-389, 1993.
15. Newton TF, Leuchter AF, Miller EM, Weiner H: Quantitative EEG in patients with AIDS and asymptomatic HIV infection. Clinical EEG 25:18-25, 1994.
16. Dunkin JJ, Leuchter AF, Newton T, Cook, IA: Reduced EEG coherence in dementia: state or trait marker? Biological Psychiatry 35:870-879, 1994.
17. Leuchter AF, Cook IA, Lufkin RB, Dunkin J, Newton TF, Cummings JL, Mackey K, Walter D: Cordance: A new method for assessment of cerebral perfusion and metabolism using quantitative electroencephalography. Neuroimage 1:208-219, 1994.
18. Leuchter AF, Dunkin J, Lufkin R, Anzai Y, Newton T: The effect of white-matter disease on functional connections in the aging brain. Journal of Neurology, Neurosurgery and Psychiatry 57:1347-1354, 1994.
19. Leuchter AF, Cook IA, Mena I, Dunkin J, Cummings JL, Newton, T, Migneco O, Lufkin R, Walter D, Lachenbruch P: Assessment of cerebral perfusion using quantitative EEG cordance. Psychiatry Research: Neuroimaging 55:141-152, 1994.
20. Leuchter AF, Simon SL, Daly KA, Rosenberg-Thompson S, Abrams M, Dunkin JJ, Cook IA, Newton TF, Walter DO, Cummings JL: Quantitative EEG correlates of outcome in elderly psychiatric patients. I. Cross-sectional and longitudinal assessment of patients with dementia. American Journal of Geriatric Psychiatry 2:200-209, 1994.
21. Leuchter AF, Simon SL, Daly KA, Abrams M, Rosenberg-Thompson S, Dunkin JJ, Cook IA, Newton TF, Spar JE: Quantitative EEG correlates of outcome in elderly psychiatric patients. II. Two-year follow-up of patients with depression. American Journal of Geriatric Psychiatry 2:290-299, 1994.

22. Newton TF, Leuchter AF, Walter D, Van Gorp W, Morgenstern H, Miller E, Lieb K, Visscher B, Satz P, Weiner H: Electroencephalographic coherence in acquired immune deficiency syndrome. Psychiatry Research 54:1-11, 1994.
23. Dunkin JJ, Osato S, Leuchter AF: Relationships between EEG coherence and neuropsychological test in dementia. Clinical EEG 26(1):47-59, 1995.
24. Holschneider D, Leuchter AF: Beta activity in aging and dementia. Brain Topography 8(2):169-180, 1995.
25. Cook IA, Leuchter AF: Synaptic dysfunction in Alzheimer's disease: clinical assessment using quantitative EEG. Brain and Behavioral Research 78: 15-23, 1996.
26. Yener GG, Leuchter AF, Jenden D, Read SL, Cummings JL, Miller BL. Quantitative EEG in fronto-temporal dementias. Clinical EEG 27(2):61-68, 1996.
27. Holschneider DP, Leuchter AF, Uijtdehaage SH, Abrams M, Rosenberg-Thompson S. Loss of High-frequency EEG response to thiopental in Alzheimer's dementia. Neuropsychopharmacology, 20:1-7, 1997.
28. Leuchter AF, Cook IA, Uijtdehaage SH, Lufkin RB, Anderson-Hanley C, Abrams M, Rosenberg-Thompson S, O'Hara R, Simon SL, Babaie AB. Brain structure and function, and the outcomes of treatment for depression. Journal of Clinical Psychiatry 55[suppl 16]:22-31, 1997.
29. Newton TF, Leuchter AF. EEG power correlates with subcortical metabolic activity in AIDS. Journal of Neuropsychiatry and Clinical Neurosciences 9:974-978, 1997.
30. Holschneider DP, Leuchter AF, Walton NY, Scremin OU, Treiman DM. Changes in cortical EEG and cholinergic function in response to NGF in rats with nucleus basalis lesions. Brain Research 765:228-237, 1997.
31. Cook IA, Leuchter AF, Uijtdehaage SH, Holschneider D, Osato S, Abrams M, Rosenberg-Thompson S. Altered cerebral energy utilization in late life depression. Journal of Affective Disorders 49(2): 89-99, 1998.
32. Holschneider DP, Leuchter AF, Scremin OU, Treiman DM, Walton NY. Changes in brain electrical coherence in response to NGF in rats with nucleus basalis lesions. Brain Research Bulletin, 45:531-541, 1998.
33. Cook IA, O'Hara R, Uijtdehaage SH, Mandelkern M, Leuchter AF. Assessing the accuracy of topographic EEG mapping for determining local brain function. EEG Clin Neurophys 107:408-414, 1998.

34. Leuchter AF, Uijtdehaage SH, Cook IA, O'Hara R, Mandelkern M. Relationship between brain electrical activity and cortical perfusion in normal subjects. Psychiatry Research: Neuroimaging 90:125-140, 1999.
35. Cook IA, Leuchter AF, Witte E, Abrams M, Uijtdehaage SHJ, Stubbeman W, Rosenberg-Thompson S, Anderson-Hanley C. Neurophysiologic predictors of treatment response to fluoxetine in major depression. Psychiatry Research 85:263-273, 1999.
36. Holschneider DP, Waite JJ, Leuchter AF, Walton NY, Scremin OU. Changes in electrocortical power coherence in response to the cholinergic toxin 192 IgG-saporin. Experimental Brain Research 126:270-280, 1999.
37. Dunkin JJ, Leuchter AF, Cook IA, Kasl-Godley JE, Abrams M, Rosenberg-Thompson S. Executive dysfunction predicts non-response to fluoxetine in major depression. Journal of Affective Disorders 60:13-23, 2000.
38. Holschneider DP, Leuchter AF. Attenuation of brain high frequency electrocortical response after thiopental in early stages of Alzheimer's dementia. Psychopharmacology 149:6-11, 2000.
39. Edwards-Lee T, Cook IA, Fairbanks L, Leuchter AF, Cummings JL. Quantitative electroencephalographic correlates of psychosis in Alzheimer Disease. Neuropsychiatry, Neuropsychology, and Behavioral Neurology 13: 163-170, 2000.
40. Cook IA, Leuchter AF. Prefrontal changes and treatment response prediction in depression. Seminars in Clinical Neuropsychiatry 6:113-120, 2001
41. Leuchter, AF, Cook IA, Witte EA, Morgan ML, Abrams, M. Changes in brain function of depressed subjects during treatment with placebo. American Journal of Psychiatry 159: 122-129, 2002.
42. Cook IA, Morgan ML, Dunkin JJ, David S, Witte E, Lufkin R, Abrams M, Rosenberg S, Leuchter A. Estrogen replacement therapy is associated with less progression of subclinical structural brain disease in normal elderly women: A pilot study. International Journal of Geriatric Psychiatry 17: 610-618, 2002.
43. Cook IA, Leuchter AF, Witte EA, Stubbeman WF, Abrams M, Rosenberg S. Early changes in prefrontal activity characterize clinical responders to antidepressants. Neuropsychopharmacology 27:120-131, 2002.
44. Cook IA, Leuchter AF, Morgan M, Witte EA, David S, Lufkin R, Babaie A, Dunkin J, O'Hara R, Simon S, Lightner A, Thomas S, Broumandi D, Badjatia N, Mickes L, Mody R, Arroyo S, Zheng Z, Abrams M, Rosenberg S. Cognitive and physiologic correlates of subclinical structural brain disease in elderly normal controls. Archives of Neurology 59: 1612-1620, 2002.

45. Newton TF, Cook IA, Kalechstein AD, Duran S, Monroy F, Ling W, Leuchter AF. Quantitative EEG abnormalities in recently abstinent methamphetamine dependent individuals. Clinical Neurophysiology 114: 410-415, 2003
46. Cook IA, Leuchter AF, Morgan ML, Dunkin JJ, Witte E, David S, Mickes L, O'Hara R, Simon S, Lufkin R, Abrams M, Rosenberg S. Longitudinal progression of subclinical structural brain disease in normal aging. American Journal of Geriatric Psychiatry 12: 190-201, 2004.
47. Newton TF, Kalechstein AD, Hardy DJ, Cook IA, Nestor L, Ling W, Leuchter AF. Association between quantitative EEG and neurocognition in methamphetamine dependent volunteers. Clinical Neurophysiology 115: 194-198, 2004.
48. Leuchter AF, Morgan ML, Cook IA, Dunkin J, Abrams M, Witte E. Pretreatment neurophysiological and clinical characteristics of placebo responders in treatment trials for major depression. Psychopharmacology 177:15-22, 2004.
49. Marie-Mitchell A., Leuchter AF, Chou C, Gauderman WJ, Azen SP. Predictors of treatment outcome in antidepressant clinical trials. Psychiatry Research 127: 73-84, 2004.
50. Krell HV, Leuchter AF, Morgan M, Cook IA, Abrams M. Subject expectations and outcome of treatment with an experimental antidepressant. The Journal of Clinical Psychiatry 65: 1174-1179, 2004.
51. Stubbeman, WF, Leuchter AF, Cook IA, Shurman BD, Gunay I, Gonzalez S. Neurophysiologic prediction of ECT response in depression. Journal of ECT 20: 142-144, 2004.
52. Morgan ML, Witte EA, Cook IA, Leuchter AF, Abrams M, Siegman B. Influence of Age, gender, health status, and depression on quantitative EEG. Neuropsychobiology 52: 71-76, 2005.
53. Cook IA, Leuchter AF, Morgan ML, Stubbeman WF, Siegman B, Abrams M. Changes in prefrontal activity characterize clinical response in treatment resistant depression. Journal of Psychiatric Research 39: 461-466, 2005.
54. Hunter AM, Leuchter AF, Morgan ML, Cook IA, Abrams M, Siegman B, DeBrotta DJ, Potter WZ. Neurophysiologic correlates of side effects in normal subjects randomized to venlafaxine or placebo. Neuropsychopharmacology 30:792-799, 2005.
55. Krell HV, Leuchter AF, Cook IA, Abrams M. Evaluation of reboxetine, a noradrenergic antidepressant on the treatment of fibromyalgia and chronic low back pain. Psychosomatics 47: 1-6, 2005.
56. Morgan ML, Cook IA, Rapkin AJ, VanBatenburg C, Leuchter AF. Estrogen augmentation in perimenopausal depression: a pilot study. Journal of Clinical Psychiatry 66: 774-780, 2005.

57. Lesser IM, Leuchter AF, Trivedi MH, Davis LL, Wisniewski S, Petersen T, Stegman D, Rush AJ. Characteristics of insured and non-insured depressed outpatients: preliminary findings from STAR\*D. Psychiatric Services 56: 995-1004, 2005.
58. Moses T, Leuchter AF, Cook IA, Abrams M. Does the clinical course of depression determine improvement in symptoms and quality of life? Journal of Nervous and Mental Disease 194:241-8, 2006.
59. Venneman S, Leuchter A, Bartzokis G, Beckson M, Simon SL, Schaefer M, Rawson R, Newton T, Cook IA, Uijtdehaage S, Ling W. Variation in neurophysiological function and evidence of quantitative electroencephalogram discordance: predicting cocaine-dependent treatment attrition. J Neuropsychiatry Clin Neurosci 18(2):208-16, 2006.
60. Morgan ML, Cook IA, Rapkin AJ, Leuchter AF. Neurophysiologic changes during estrogen augmentation in perimenopausal depression. Maturitas. 56(1):54-60, 2007.
61. Hunter AM, Leuchter AF, Morgan ML, Cook IA. Changes in brain function (quantitative EEG concordance) during placebo lead-in and treatment outcomes in clinical trials for major depression. Am J Psychiatry. 163(8):1426-32, 2006.
62. Claassen CA, Trivedi MH, Rush JA, Husain MM, Zisook S, Young E, Leuchter AF, Wisniewski SR, Balasubramani GK, Alpert J. Clinical differences among depressed patients with and without a history of suicide attempts: findings from the STAR\*D trial. J Affective Disorders 97:77-84, 2007.
63. Cook IA, Bookheimer SY, Mickes L, Leuchter AF, Kumar A. Aging and brain activation with working memory tasks: an fMRI study of connectivity. International Journal of Geriatric Psychiatry. 22(4):332-42, 2007.
64. Shapiro D, Cook IA, Davydov DM, Ottaviani C, Leuchter AF, Abrams M. Yoga as a Complementary Treatment of Depression: Effects of Traits and Moods on Treatment Outcome. Evidence Based Complementary and Alternative Medicine. 2007 Feb 28 [epub ahead of print]
65. Hunter AM, Cook IA, Leuchter AF. The Promise of the Quantitative Electroencephalogram as a Predictor of Antidepressant Treatment Outcomes in Major Depressive Disorder. Psychiatr Clin North Am 30(1):105-124, 2007.
66. Beck TS, Leuchter AF. Diagnostic criteria for Creutzfeldt-Jacob Disease: A retrospective study in a psychiatric hospital. Psychiatry and Clinical Neurosciences. (in press)
67. Lesser IM, Leuchter AF, Trivedi MH, Davis LL, Wisniewski SR, Balasubramani GK, Fava M, Rush AJ. Insured and non-insured depressed outpatients: how do they compare? Annals of Clinical Psychiatry. (in press)

68. Cook IA, Stubbeman WF, Witte EA, Abrams M, Shurman B, Venneman S, Rosenberg-Thompson S, Leuchter, AF. Quantitative EEG features characterize the durability of SSRI response in mood disorders: a pilot study. (in submission)
69. Leuchter AF, Simon SL, Newton TF, Baxter LR: Quantitative electroencephalography in obsessive-compulsive disorder: regional and inter-regional measures. (in submission)
70. Cook IA, Leuchter AF, Greenwald SD, Morgan ML, Hanson KG, Siegman B, Abrams M, Johnstone J. Single-channel EEG bispectrum is associated with antidepressant treatment response. (in submission)
71. Muthén B, Leuchter AF, Morgan ML, Cook IA. Assessing medication effects in the presence of placebo response: A clinical trial application of growth mixture modeling. (in submission)
72. Leuchter AF, Cook IA, DeBrotta, DJ, Hunter AM, Potter WZ, McGrouther CC, Morgan ML, Abrams MA, Siegman B. Changes in Brain Function During Administration of Venlafaxine or Placebo to Normal Subjects. (in submission)
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